



Florida Power & Light Company, 6501 S. Ocean Drive, Jensen Beach, FL 34957

November 9, 2009

L-2009-254  
10 CFR 50.55a  
10 CFR 50.36

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

Re: St. Lucie Unit 2  
Docket No. 50-389  
Refueling Outage SL2-18  
Steam Generator Tube Inspection Report

Attached is the St. Lucie Unit 2 Technical Specification 6.9.1.12 steam generator tube inspection report for the spring 2009 refueling outage (SL2-18). This submittal was made within 180 days after the initial entry into hot shutdown following the completion of the steam generator inspection that was performed in accordance with TS 6.8.4.1, Steam Generator (SG) Program.

Please contact Ken Frehafer at (772) 467-7748 should you have any questions regarding this submittal.

Sincerely,

Eric S. Katzman  
Licensing Manager  
St. Lucie Plant

ESK/KWF

Attachments – St. Lucie Unit 2 Steam Generator Tube Inspection Report – 10 pages  
SG 2A Indication Listings – 64 pages  
SG 2B Indication Listings – 40 pages

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## **Background**

This report is provided in accordance with St. Lucie Unit 2 Technical Specification 6.9.1.12, "Steam Generator Tube Inspection Report" for the inspection conducted May 10-16, 2009 during refueling outage eighteen (SL2-18). SL2-18 is the first refueling outage following installation of the Areva-NP Model 86/19TI replacement steam generators (SGs) in December, 2007. The replacement SGs had accumulated 15.01 effective full power months of operation at the SL2-18 refueling outage.

Following the SL2-18 refueling outage, St. Lucie Unit 2 initially entered HOT SHUTDOWN on May 29, 2009, which marks the beginning of the first sequential period of 144 EFPM.

The SL2-18 SG tube inspections were conducted in both 'A' and 'B' SGs as described below.

### **a. The scope of inspection performed on each steam generator**

The scope of this examination is summarized in Table 1 below and is established to meet the following requirements:

- a. Technical Specification 6.8.4.I "Steam Generator (SG) Program"
- b. Technical Specification 6.8.4.I.1.d.1 "Inspect 100% of the tubes in each SG during the first refueling outage following SG replacement."
- c. Steam Generator Management Program: Pressurized Water Reactor Steam Generator Examination Guidelines: Revision 7. EPRI, Palo Alto, CA: 2007. 1013706.

The basis for bobbin and +Point™ tube examinations is given in Table 1.

**TABLE 1  
BASIS FOR TUBE EXAMINATION SAMPLES**

| Technique | Examination Sample                                                                                                                                                                                                                      | Required or Supplemental | Basis                                                              | Potential Degradation |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------|-----------------------|
| Bobbin    | 100% full length of all active tubes in each SG                                                                                                                                                                                         | Required                 | Technical Specification SR 4.4.5.1 and TS 6.8.4.1.1.d.1            | Wear                  |
| +Point™   | HL & CL expansion transitions +/- 3.0" from the top of tubesheet:<br><ul style="list-style-type: none"> <li>The two outermost tubes exposed to the annulus.</li> <li>All tubes in Rows 1 through 4 along the tube free lane.</li> </ul> | Required                 | SG Program Procedure ENG CSI-2.2, Rev. 29, Checklist item 1.D.     | Foreign Object Wear   |
|           | Tight radius u-bends –<br><ul style="list-style-type: none"> <li>20% of row 1 and 2</li> </ul>                                                                                                                                          | Supplemental             | Discretionary sample                                               | None                  |
|           | Sample of tubesheet expansion anomalies, manufacturing burnish marks, unusual signals, and dings observed during the inspection                                                                                                         | Supplemental             | Recommended by EPRI 1013706                                        | None                  |
|           | SG B Row 76 Column 103 requires a full depth hot leg tubesheet rotating probe examination (TSH +3.0" to TEH)                                                                                                                            | Required                 | Condition Report 2007-20669 (Tubesheet drill hole anomaly)         | None                  |
|           | SG B Row 88 Column 93 requires a top of tubesheet rotating probe examination to the extent of TSC +3.0" to TSC -3.0"                                                                                                                    | Supplemental             | Pre-service Inspection Report Recommendation (Tube Shaving signal) | None                  |

**b. Active degradation mechanism found**

The SL2-18 bobbin and +Point™ examination results for St. Lucie Unit 2 identified mechanical wear degradation at the following locations:

- Anti-vibration bar (AVB) contact points in the u-bends
- Broached tube support contact points

Other than wear degradation as discussed above, there were no indications of any tube degradation in the +Point™ probe examination samples identified in Table 1.

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Steam Generator Tube Inspection Report  
Enclosure 1

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**c. Nondestructive examination techniques utilized for each degradation mechanism**

**TABLE 2 – St. Lucie Unit 2 Examination Techniques for EOC 17 (April 2009)**

| Technique |         | Industry Qualification                                                                    | Damage Mechanism      | Demonstrated Applicability                                | Extended Applicability                                  | Depth Sizing Technique Applied                          | Site-Specific Review Deemed Acceptable |                           |
|-----------|---------|-------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|----------------------------------------|---------------------------|
|           |         |                                                                                           |                       |                                                           |                                                         |                                                         | Detection                              | Sizing                    |
| 1         | Bobbin  | 96004.1<br>Revision 11                                                                    | Wear                  | Structures                                                | None                                                    | Differential Mix Amplitude Analysis<br>(Using Vert-Max) | Yes                                    | For Service               |
| 2         | Bobbin  | 96004.2<br>Revision 11                                                                    | Wear                  | Structures                                                | None                                                    | Absolute Mix Amplitude Analysis<br>(Using Vert-Max)     | Yes                                    | Contingent Sizing of Wear |
| 3         | +Point™ | 96910.1<br>Revision 10                                                                    | Wear                  | Broached supports                                         | Structures, Freespan<br>PLP Wear<br>(When Part Present) | Differential Mix Amplitude Analysis<br>(Using Vert-Max) | Yes                                    | Contingent Sizing of Wear |
| 4         | Bobbin  | 27091.2<br>Revision 0                                                                     | PLP Wear              | PLP Wear<br>(part not present)                            | PLP Wear<br>(When Part Present)                         | N/A                                                     | Yes                                    | N/A                       |
| 5         | Bobbin  | 24013.1<br>Revision 2                                                                     | Axial ODSCC           | Freespan,<br>Dings<br>≤ 5.00 Volts                        | None                                                    | N/A                                                     | Yes                                    | N/A                       |
| 6         | +Point™ | 21998.1<br>Revision 4                                                                     | Volumetric            | Freespan                                                  | None                                                    | Single Frequency Amplitude Analysis Peak to Peak        | Yes                                    | Contingent Sizing of Wear |
| 7         | +Point™ | 22401.1<br>Revision 4                                                                     | Axial ODSCC           | Dented Support Structures                                 | Dent / Ding<br>Freespan & U-bend                        | Single Frequency Phase Analysis                         | Yes                                    | For Info                  |
| 8         | +Point™ | 22842.3<br>Revision 5                                                                     | Circ ODSCC            | Dented Support Structures                                 | Dent / Ding<br>Freespan & U-bend                        | Single Frequency Phase Analysis                         | Yes                                    | For Info                  |
| 9         | +Point™ | 20510.1<br>Revision 7                                                                     | Circ PWSCC            | Expansion Transition                                      | None                                                    | Single Frequency Phase Analysis                         | Yes                                    | For Info                  |
| 10        | +Point™ | 20511.1<br>Revision 8                                                                     | Axial PWSCC           | Expansion Transition                                      | None                                                    | Single Frequency Phase Analysis                         | Yes                                    | For Info                  |
| 11        | +Point™ | 96703.1<br>Revision 17                                                                    | Axial PWSCC           | Dents                                                     | Freespan                                                | Single Frequency Phase Analysis                         | Yes                                    | For Info                  |
| 12        | +Point™ | 27901.1<br>27902.1<br>27903.1<br>27904.1<br>27905.1<br>27906.1<br>27907.1<br>(All Rev. 0) | PLP Wear              | PLP Wear<br>Morphology<br>Dependent<br>(part not present) | None                                                    | PLP Wear<br>Morphology<br>Dependent                     | Yes                                    | For Service               |
| 13        | +Point™ | 96511.2<br>Revision 16                                                                    | Axial & Circ<br>PWSCC | Low Row<br>U-bends                                        | None                                                    | Single Frequency Phase Analysis                         | Yes                                    | For Info                  |

d. **Location orientation (if linear) and measured sizes (if available) of service induced indications**

Please see Attachment 1 and 2 for indication listings for SG 2A and 2B respectively.

e. **Number of tubes plugged during the inspection for each active degradation mechanism**

**St. Lucie Unit 2 Tube Plugging EOC 17**

| Degradation Mechanism                                                         | SG A | SG B             | Total |
|-------------------------------------------------------------------------------|------|------------------|-------|
| Wear at Anti-vibration bar (AVB) tube contacts (greater than or equal to 24%) | 8    | 6 <sup>(1)</sup> | 14    |
| Wear at Broached Support locations                                            | 0    | 0                | 0     |
| Loose Part Wear                                                               | 0    | 0                | 0     |
| Total                                                                         | 8    | 6                | 14    |

(1) Row 80 column 17 in SG 2B was preventively plugged due to two indications located at AVB stiffeners (supports/appui) adjacent to AV3 and AV4. Refer to Figure 4.

f. **Total number and percentage of tubes plugged to date**

| St. Lucie Unit 2 Steam Generator Cumulative<br>Tube Plugging Summary EOC 17 |           |           |
|-----------------------------------------------------------------------------|-----------|-----------|
| SG                                                                          | # Plugged | % Plugged |
| 2A                                                                          | 8         | 0.0898%   |
| 2B                                                                          | 6         | 0.067%    |

**g. The results of condition monitoring including the results of the tube pulls and in-situ testing**

All tubes inspected met the tube integrity performance criteria in TS 6.8.4.1.1.b and condition monitoring requirements. No tubes required in-situ pressure testing. No tube pulls were required.

**h. The effective plugging percentage for all plugging in each steam generator**

No tube repair methods (i.e. sleeving) are approved for St. Lucie Unit 2 that would have an effect on the effective plugging percentages. Therefore, the applicable effective plugging percentage is synonymous with the % Plugged in item f. above.

**Abbreviations**

CSI - Component Support and Inspections  
SG - Steam Generator  
ISI - In-service Inspection  
ECT - Eddy Current Testing  
NEI – Nuclear Energy Institute  
EPRI – Electric Power Research Institute

**Acronyms**

|       |                              |
|-------|------------------------------|
| H/L - | Hot Leg                      |
| C/L - | Cold Leg                     |
| VOL - | Volumetric Indication        |
| SVI - | Single Volumetric Indication |
| PIT - | Pit Indication               |
| PLP - | Possible Loose Part          |
| WAR - | Mechanical Wear              |
| TWD - | Through Wall Depth           |
| TSH - | Tubesheet Hot Leg            |
| TEH - | Tube End Hot Leg             |
| TSC - | Tubesheet Cold Leg           |
| TEC - | Tube End Cold                |
| PTP - | Preventative Tube Plug       |

The last four pages of this document show a side view of the installed St. Lucie Unit 2 RSGs, a detailed view of the fan bar arrangement and support locations, a table showing the distances between the support structures in the SGs, and the AVB stiffener configuration in the u-bends.

### **ADDITIONAL INFORMATION**

The following information is included to assist the staff in their review of the information provided in this report.

#### **Secondary Side Inspection**

Secondary side inspection information is not required by TS Section 6.9.1.12. However, this information is being provided based on NRC requests for additional information regarding previous reports submitted by FPL in accordance with this specification:

Secondary Side Inspections (SSI) during the SL2-18 refueling outage include the following:

- Sludge Lance
- FOSAR (Foreign Object Search and Retrieval)
- Steam Drum Inspections

Sludge lancing was completed in both steam generators. The process recovered 29.5 lbs of sludge from SG A and 24 lbs from SG B. Pre and post lancing visual inspection was completed in both SGs. During the prelance inspection of SG A, a piece of ferritic machine turning was removed from the cold leg annulus trough region. During post-lance inspections of SG A, a piece of flexitalic gasket was located adjacent to row 127 column 88 and was removed. Bobbin and rotating probe eddy current examination of these locations and the surrounding tubes revealed no tube damage.

Steam drum inspections consisted of 1) stabilizers and water level taps, 2) recirculation pipe flange assembly, 3) feedring inspection port covers, 4) wrapper room hatches, 5) manway hatch to top of dryers, 6) dryer vanes, 7) lower separator support stuck studs, 8) loose parts tapping system. The areas of inspection are depicted in Figure 1. In SG B, a .25" round spherical object was removed from the loose part trapping system screen. Visual inspection of the feedring inspection port covers in SG B revealed that one closure bolt was backed out by about .25" and that five additional bolts were not fully engaged, although the locking tabs were correctly installed. A subsequent inspection of the SG A feedring inspection port covers revealed a similar condition was present for all eight fasteners. These conditions were addressed in the corrective action program and all fasteners were re-torqued to manufacturer's specifications. No other anomalous conditions were noted.

**Figure 1**

O & M Warranty Inspection Areas

|   |                                     |
|---|-------------------------------------|
| 1 | Stabilizers and Water Level Taps    |
| 2 | Recirculation Pipe Flange Assembly  |
| 3 | Feeding Inspection port covers      |
| 4 | Wrapper Room Hatches                |
| 5 | Manway Hatch to Top of Dryers       |
| 6 | Dryer Vanes                         |
| 7 | Lower Separator Support Stuck Studs |
| 8 | Loose Parts Trapping System         |

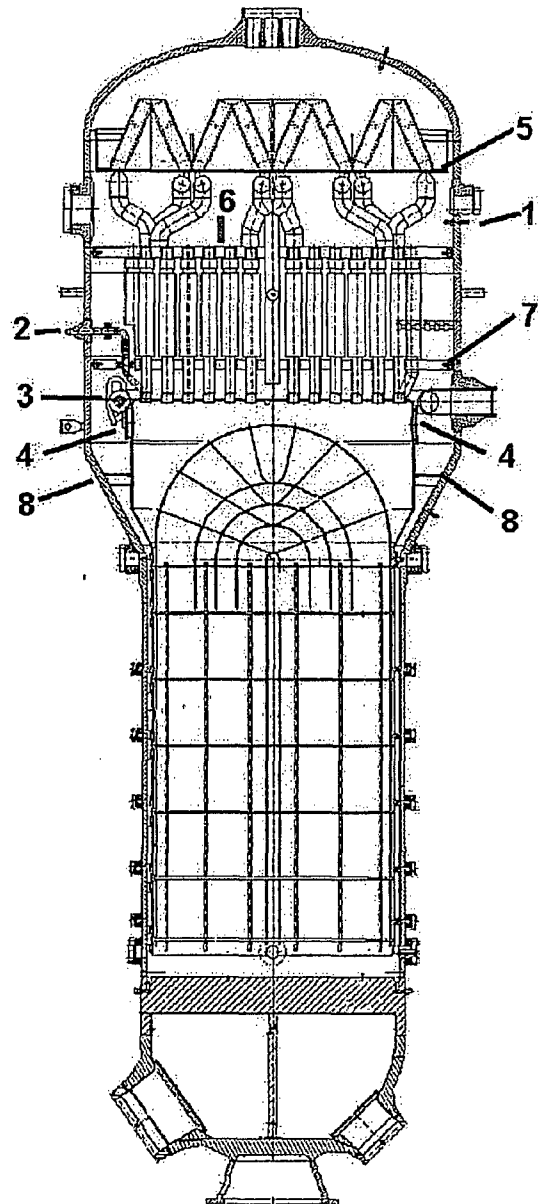
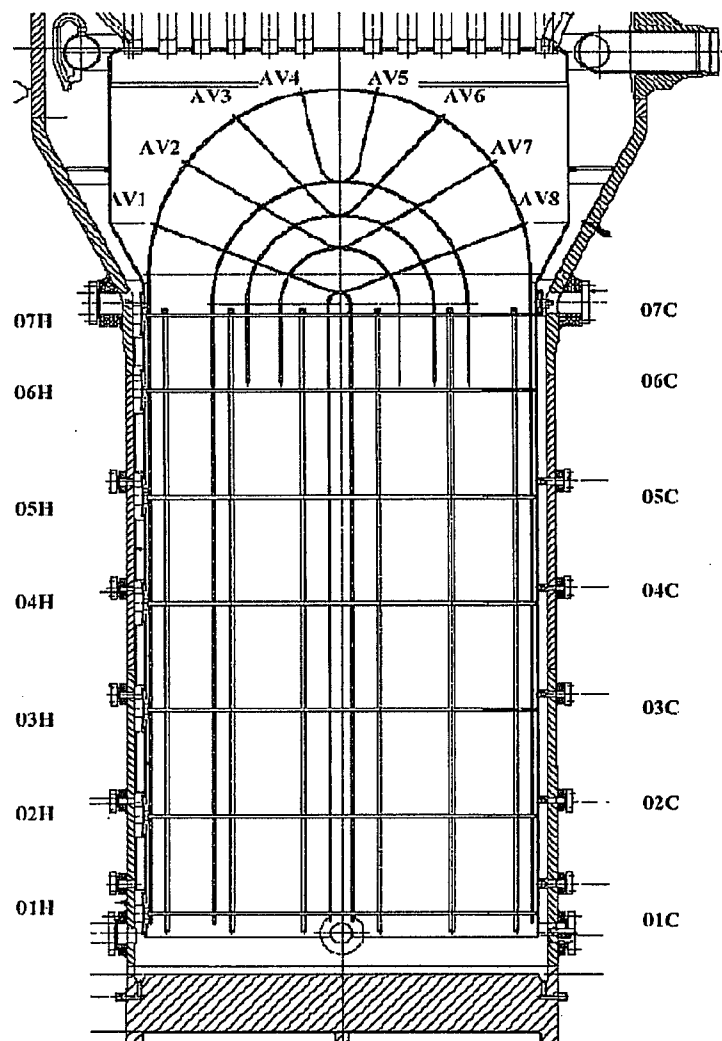


Figure 2

Figure 2-2 – PSL-2 RSG Tube Support and AVB Layout



**Figure 3**

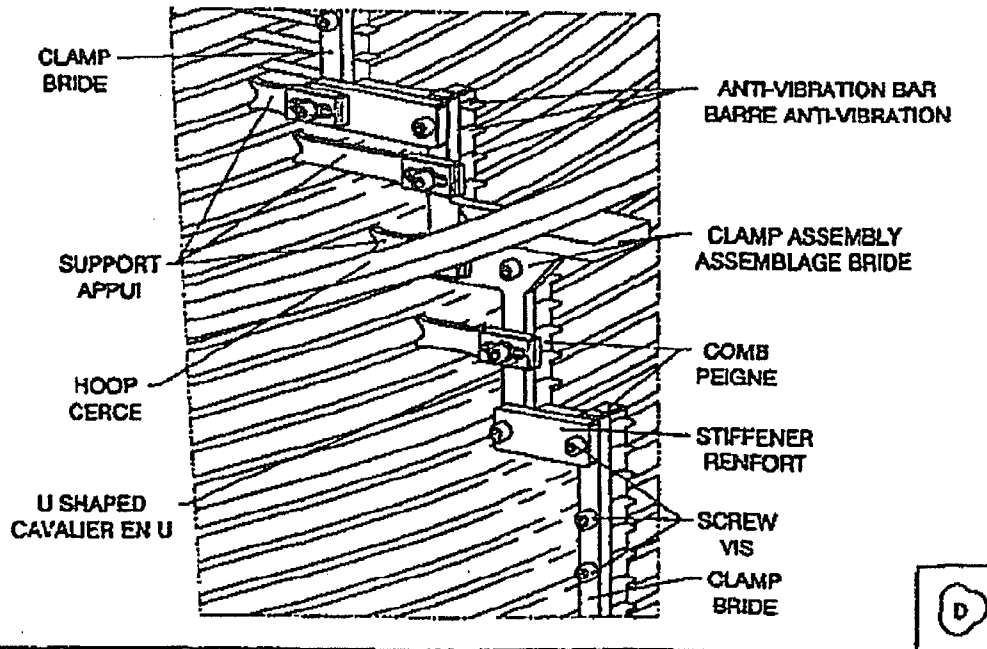
**FIGURE 13-2**  
PSL-2 Steam Generator  
Elevations and Structure Acronyms

| <u>CODE</u> | <u>DEFINITION</u>       |           | <u>INCREMENTAL<br/>DISTANCE</u> | <u>CUMULATIVE<br/>DISTANCE</u> |
|-------------|-------------------------|-----------|---------------------------------|--------------------------------|
| THE         | Hot Leg Tube End        |           | 0.0"                            | 0.0"                           |
| TSH         | Hot Leg Tube Sheet      |           | 23.09" (Nominal)                | 23.09"                         |
| 01H         | #1 Tube Support Hot Leg | TSH - 01H | 23.82"                          | 46.91"                         |
| 02H         | #2 Tube Support Hot Leg | 01H - 02H | 38.50"                          | 85.41"                         |
| 03H         | #3 Tube Support Hot Leg | 02H - 03H | 41.58"                          | 126.99"                        |
| 04H         | #4 Tube Support Hot Leg | 03H - 04H | 41.57"                          | 168.56"                        |
| 05H         | #5 Tube Support Hot Leg | 04H - 05H | 41.58"                          | 210.14"                        |
| 06H         | #6 Tube Support Hot Leg | 05H - 06H | 41.57"                          | 251.71"                        |
| 07H         | #7 Tube Support Hot Leg | 06H - 07H | 29.61"                          | 281.32"                        |
| AV1         | #1 Anti-Vibration Bar   | Variable  |                                 |                                |
| AV2         | #2 Anti-Vibration Bar   | Variable  |                                 |                                |
| AV3         | #3 Anti-Vibration Bar   | Variable  |                                 |                                |
| AV4         | #4 Anti-Vibration Bar   | Variable  |                                 |                                |
| AV5         | #5 Anti-Vibration Bar   | Variable  |                                 |                                |
| AV6         | #6 Anti-Vibration Bar   | Variable  |                                 |                                |
| AV7         | #7 Anti-Vibration Bar   | Variable  |                                 |                                |
| AV8         | #8 Anti-Vibration Bar   | Variable  |                                 |                                |
| 07C         | #7 Tube Support Hot Leg | 07C - 06C |                                 |                                |

\*DISTANCE MEASUREMENTS ARE CENTER TO CENTER

**Figure 4**

Anti Vibration Bar (AVB) Stiffener (APPUI)  
Typical Configuration



| <b>SG 2A Indication Listings</b>                  |                 |
|---------------------------------------------------|-----------------|
| <b>Listing Description</b>                        | <b>Page No.</b> |
| Tubes Plugged Listing                             | 2               |
| Bobbin WEAR at AVB locations 20-100%TWD           | 3               |
| Bobbin WEAR at Broached Supports 20-100% TWD      | 4               |
| Bobbin WEAR at Broached Supports 1-19% TWD        | 4               |
| WEAR (WAR) sized by +Point™ probe 1-100%          | 4               |
| SG 2A Wear Indications 1-19% TWD at AVB locations | 8               |

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**St. Lucie Unit 2 (SL2-18)**  
**SG 2A Tubes Plugged Listing**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1   | UTIL | 2 | CAL# | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|-----|------|---|------|------|-------|
| 54  | 161 | 0.21  | 117 | P2  | TWD | 11  | AV7      | +0.18 | TEC | TEH  |     |      |   | 18   | HOT  | 610UL |
|     |     | 0.86  | 112 | P3  | TWD | 33  | AV6      | -0.29 | TEC | TEH  | LAR |      |   | 18   | HOT  | 610UL |
|     |     | 0.24  | 78  | P2  | TWD | 12  | AV2      | +0.20 | TEC | TEH  |     |      |   | 18   | HOT  | 610UL |
|     |     | 0.37  | 125 | P2  | TWD | 16  | AV6      | +0.20 | TEC | TEH  |     |      |   | 18   | HOT  | 610UL |
| 59  | 158 | 0.15  | 92  | P2  | TWD | 8   | AV6      | -0.27 | TEC | TEH  |     |      |   | 20   | HOT  | 610UL |
|     |     | 0.51  | 123 | P3  | TWD | 26  | AV3      | +0.31 | TEC | TEH  |     |      |   | 20   | HOT  | 610UL |
| 63  | 158 | 0.13  | 120 | P3  | TWD | 10  | AV7      | +0.11 | TEC | TEH  |     |      |   | 20   | HOT  | 610UL |
|     |     | 0.22  | 111 | P3  | TWD | 15  | AV6      | -0.29 | TEC | TEH  |     |      |   | 20   | HOT  | 610UL |
|     |     | 0.95  | 111 | P3  | TWD | 35  | AV3      | +0.22 | TEC | TEH  |     |      |   | 20   | HOT  | 610UL |
|     |     | 0.37  | 104 | P3  | TWD | 22  | AV2      | +0.18 | TEC | TEH  |     |      |   | 20   | HOT  | 610UL |
| 118 | 85  | 0.28  | 136 | P2  | TWD | 11  | AV2      | +0.07 | TEH | TEC  |     |      |   | 23   | COLD | 610UL |
|     |     | 1.06  | 111 | P2  | TWD | 27  | AV3      | -0.02 | TEH | TEC  |     |      |   | 23   | COLD | 610UL |
|     |     | 0.22  | 136 | P2  | TWD | 9   | AV4      | +0.02 | TEH | TEC  |     |      |   | 23   | COLD | 610UL |
|     |     | 0.48  | 123 | P2  | TWD | 16  | AV5      | +0.04 | TEH | TEC  |     |      |   | 23   | COLD | 610UL |
|     |     | 0.61  | 119 | P2  | TWD | 19  | AV6      | +0.07 | TEH | TEC  |     |      |   | 23   | COLD | 610UL |
|     |     | 0.20  | 119 | P2  | TWD | 8   | AV8      | +0.09 | TEH | TEC  |     |      |   | 23   | COLD | 610UL |
| 119 | 92  | 0.41  | 126 | P2  | TWD | 14  | AV2      | +0.00 | TEH | TEC  |     |      |   | 48   | COLD | 610UL |
|     |     | 1.01  | 118 | P2  | TWD | 25  | AV3      | +0.00 | TEH | TEC  |     |      |   | 48   | COLD | 610UL |
|     |     | 0.13  | 104 | P2  | TWD | 5   | AV4      | +0.00 | TEH | TEC  |     |      |   | 48   | COLD | 610UL |
|     |     | 0.43  | 127 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC  |     |      |   | 48   | COLD | 610UL |
|     |     | 0.43  | 130 | P2  | TWD | 14  | AV6      | +0.00 | TEH | TEC  |     |      |   | 48   | COLD | 610UL |
| 128 | 83  | 0.47  | 120 | P2  | TWD | 16  | AV2      | +0.00 | TEH | TEC  |     |      |   | 24   | COLD | 610UL |
|     |     | 0.39  | 124 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC  |     |      |   | 24   | COLD | 610UL |
|     |     | 0.25  | 127 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC  |     |      |   | 24   | COLD | 610UL |
|     |     | 0.98  | 115 | P2  | TWD | 25  | AV5      | +0.00 | TEH | TEC  |     |      |   | 24   | COLD | 610UL |
|     |     | 0.25  | 114 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC  |     |      |   | 24   | COLD | 610UL |
|     |     | 0.20  | 131 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |     |      |   | 24   | COLD | 610UL |
| 133 | 90  | 0.27  | 116 | P2  | TWD | 9   | AV1      | -0.04 | TEH | TEC  |     |      |   | 47   | COLD | 610UL |
|     |     | 0.39  | 106 | P2  | TWD | 12  | AV2      | -0.20 | TEH | TEC  |     |      |   | 47   | COLD | 610UL |
|     |     | 0.50  | 118 | P2  | TWD | 15  | AV4      | -0.09 | TEH | TEC  |     |      |   | 47   | COLD | 610UL |
|     |     | 1.07  | 118 | P2  | TWD | 25  | AV5      | -0.04 | TEH | TEC  |     |      |   | 47   | COLD | 610UL |
|     |     | 0.32  | 120 | P2  | TWD | 11  | AV7      | +0.04 | TEH | TEC  |     |      |   | 47   | COLD | 610UL |
| 137 | 82  | 1.08  | 116 | P2  | TWD | 26  | AV4      | +0.00 | TEH | TEC  |     |      |   | 37   | COLD | 610UL |
|     |     | 0.33  | 126 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC  |     |      |   | 37   | COLD | 610UL |
|     |     | 0.43  | 125 | P2  | TWD | 14  | AV7      | +0.00 | TEH | TEC  |     |      |   | 37   | COLD | 610UL |
|     |     | 0.16  | 121 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC  | LAR |      |   | 37   | COLD | 610UL |

Total Tubes : 8  
Total Records: 36

St. Lucie Unit 2  
Steam Generator Tube Inspection Report  
Attachment 1 to Enclosure 1

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**St. Lucie Unit 2 SG 2A (SL2-18)**  
**Bobbin WEAR at AVB locations 20-100%TWD**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 51  | 162 | 0.62  | 120 | P2  | TWD | 22  | AV6      | +0.15 | TEC | TEH    |        | 18    | HOT  | 610UL |
| 54  | 9   | 0.58  | 118 | P2  | TWD | 22  | AV3      | -0.18 | TEC | TEH    |        | 58    | HOT  | 610UL |
| 54  | 161 | 0.86  | 112 | P3  | TWD | 33  | AV6      | -0.29 | TEC | TEH    | LAR    | 18    | HOT  | 610UL |
| 59  | 158 | 0.51  | 123 | P3  | TWD | 26  | AV3      | +0.31 | TEC | TEH    |        | 20    | HOT  | 610UL |
| 63  | 158 | 0.95  | 111 | P3  | TWD | 35  | AV3      | +0.22 | TEC | TEH    |        | 20    | HOT  | 610UL |
|     |     | 0.37  | 104 | P3  | TWD | 22  | AV2      | +0.18 | TEC | TEH    |        | 20    | HOT  | 610UL |
| 73  | 98  | 0.86  | 119 | P2  | TWD | 23  | AV5      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
| 84  | 103 | 0.67  | 112 | P2  | TWD | 20  | AV2      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
| 93  | 86  | 0.73  | 117 | P2  | TWD | 22  | AV5      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
| 94  | 85  | 0.91  | 114 | P2  | TWD | 24  | AV3      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
| 98  | 85  | 0.63  | 113 | P2  | TWD | 20  | AV6      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
| 100 | 85  | 0.62  | 111 | P2  | TWD | 20  | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 101 | 88  | 0.75  | 109 | P2  | TWD | 20  | AV6      | -0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
| 102 | 85  | 0.64  | 124 | P2  | TWD | 20  | AV2      | +0.07 | TEH | TEC    |        | 23    | COLD | 610UL |
| 103 | 84  | 0.65  | 124 | P2  | TWD | 20  | AV7      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
| 104 | 87  | 0.71  | 116 | P2  | TWD | 21  | AV6      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
| 104 | 89  | 0.79  | 116 | P2  | TWD | 21  | AV6      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
| 108 | 85  | 0.63  | 117 | P2  | TWD | 20  | AV7      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 109 | 84  | 0.73  | 117 | P2  | TWD | 22  | AV2      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 109 | 86  | 0.67  | 116 | P2  | TWD | 21  | AV5      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
| 111 | 84  | 0.72  | 115 | P2  | TWD | 21  | AV2      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |
| 112 | 85  | 0.70  | 120 | P2  | TWD | 21  | AV7      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 113 | 84  | 0.69  | 117 | P2  | TWD | 21  | AV2      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 114 | 91  | 0.79  | 117 | P2  | TWD | 21  | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 116 | 83  | 0.66  | 113 | P2  | TWD | 20  | AV6      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 117 | 82  | 0.71  | 118 | P2  | TWD | 21  | AV6      | +0.00 | TEH | TEC    |        | 26    | COLD | 610UL |
| 117 | 84  | 0.86  | 117 | P2  | TWD | 24  | AV6      | +0.07 | TEH | TEC    |        | 23    | COLD | 610UL |
| 118 | 85  | 1.06  | 111 | P2  | TWD | 27  | AV3      | -0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
| 119 | 92  | 1.01  | 118 | P2  | TWD | 25  | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 120 | 85  | 0.72  | 114 | P2  | TWD | 21  | AV7      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 121 | 84  | 0.86  | 111 | P2  | TWD | 24  | AV2      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 122 | 83  | 0.63  | 117 | P2  | TWD | 20  | AV5      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
| 122 | 85  | 0.78  | 115 | P2  | TWD | 22  | AV3      | -0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
| 123 | 84  | 0.76  | 115 | P2  | TWD | 22  | AV7      | -0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
| 124 | 91  | 0.75  | 123 | P2  | TWD | 21  | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 126 | 89  | 0.78  | 121 | P2  | TWD | 21  | AV3      | +0.13 | TEH | TEC    |        | 47    | COLD | 610UL |
| 128 | 83  | 0.98  | 115 | P2  | TWD | 25  | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 130 | 85  | 0.76  | 120 | P2  | TWD | 22  | AV6      | +0.09 | TEH | TEC    |        | 23    | COLD | 610UL |
| 133 | 84  | 0.75  | 118 | P2  | TWD | 22  | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 133 | 90  | 1.07  | 118 | P2  | TWD | 25  | AV5      | -0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
| 135 | 82  | 0.69  | 120 | P2  | TWD | 20  | AV4      | +0.00 | TEH | TEC    |        | 37    | COLD | 610UL |
| 136 | 93  | 0.76  | 106 | P2  | TWD | 23  | AV4      | +0.04 | TEH | TEC    |        | 38    | COLD | 610UL |
| 137 | 82  | 1.08  | 116 | P2  | TWD | 26  | AV4      | +0.00 | TEH | TEC    |        | 37    | COLD | 610UL |

Total Tubes : 42  
Total Records: 47

St. Lucie Unit 2  
Steam Generator Tube Inspection Report  
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**St. Lucie Unit 2 SG 2A (SL2-18)**  
**Bobbin WEAR at Broached Supports 20-100% TWD**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-----|-----|--------|--------|-------|-----|-------|
|-----|-----|-------|-----|-----|-----|-----|----------|-----|-----|--------|--------|-------|-----|-------|

Total Tubes : 0  
Total Records: 0

(None)

**St. Lucie Unit 2 SG 2A (SL2-18)**  
**Bobbin WEAR at Broached Supports 1-19% TWD**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 2   | 7   | 0.12  | 129 | P3  | TWD | 8   | 04C      | -0.74 | 07H | TEC    |        | 83    | COLD | 610UL |
| 7   | 2   | 0.12  | 88  | P3  | TWD | 7   | 04C      | +0.51 | TEC | TEH    |        | 62    | HOT  | 610UL |
| 70  | 151 | 0.10  | 119 | P3  | TWD | 8   | 05C      | +0.51 | TEC | TEH    |        | 20    | HOT  | 610UL |
| 90  | 33  | 0.09  | 135 | P3  | TWD | 6   | 04H      | -0.64 | TEH | TEC    |        | 11    | COLD | 610UL |
| 91  | 24  | 0.11  | 130 | P3  | TWD | 9   | 04H      | -0.73 | TEC | TEH    |        | 54    | HOT  | 610UL |
| 96  | 29  | 0.10  | 132 | P3  | TWD | 8   | 04H      | -0.75 | TEC | TEH    |        | 54    | HOT  | 610UL |
| 132 | 91  | 0.14  | 129 | P3  | TWD | 8   | 05C      | +0.43 | TEH | TEC    |        | 48    | COLD | 610UL |

Total Tubes : 7  
Total Records: 7

**St. Lucie Unit 2 SG 2A (SL2-18)**  
**WEAR (WAR) sized by +Point™ probe 1-100% (TWD located in UTIL 1 column)**  
**(Confirmed as two sided wear & reported as DSI by Bobbin probe)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL #   | LEG | PROBE |       |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|---------|-----|-------|-------|
| 97  | 84  | 0.63  | 120 | P2  | DSI |     | AV7      | +0.00 | TEH | TEC    | LAR    | 20      | 24  | COLD  | 610UL |
|     |     | 0.48  | 93  | P5  | WAR |     | AV7      | +0.02 | AV7 | AV7    | 16     | 96910.1 | 77  | COLD  | 5601P |
|     |     | 0.33  | 99  | P5  | WAR |     | AV7      | +0.10 | AV7 | AV7    | 12     | 96910.1 | 77  | COLD  | 5601P |
| 98  | 89  | 0.38  | 94  | P5  | WAR |     | AV6      | -0.04 | AV6 | AV6    | 13     | 96910.1 | 77  | COLD  | 5601P |
|     |     | 0.53  | 88  | P5  | WAR |     | AV6      | -0.03 | AV6 | AV6    | 17     | 96910.1 | 77  | COLD  | 5601P |
|     |     | 0.72  | 126 | P2  | DSI |     | AV6      | +0.00 | TEH | TEC    | LAR    | 20      | 47  | COLD  | 610UL |
| 101 | 84  | 0.42  | 88  | P5  | WAR |     | AV7      | -0.03 | AV7 | AV7    | 19     | 96910.1 | 42  | COLD  | 5601P |
|     |     | 0.68  | 118 | P2  | DSI |     | AV7      | +0.00 | TEH | TEC    | LAR    | 21      | 24  | COLD  | 610UL |
|     |     | 0.22  | 93  | P5  | WAR |     | AV7      | +0.02 | AV7 | AV7    | 12     | 96910.1 | 42  | COLD  | 5601P |
| 102 | 83  | 0.57  | 107 | P5  | WAR |     | AV4      | -0.03 | AV4 | AV4    | 14     | 96910.1 | 43  | HOT   | 5601P |
|     |     | 0.70  | 123 | P2  | DSI |     | AV4      | -0.02 | TEH | TEC    | LAR    | 21      | 23  | COLD  | 610UL |
|     |     | 0.56  | 110 | P5  | WAR |     | AV4      | +0.13 | AV4 | AV2    | 14     | 96910.1 | 43  | HOT   | 5601P |
| 104 | 87  | 0.16  | 85  | P5  | WAR |     | AV4      | -0.10 | AV4 | AV4    | 10     | 96910.1 | 71  | HOT   | 5601P |
|     |     | 0.66  | 121 | P2  | DSI |     | AV4      | +0.00 | TEH | TEC    | LAR    | 20      | 45  | COLD  | 610UL |
|     |     | 0.38  | 87  | P5  | WAR |     | AV4      | +0.01 | AV4 | AV4    | 21     | 96910.1 | 71  | HOT   | 5601P |
|     |     | 0.78  | 117 | P2  | DSI |     | AV5      | +0.00 | TEH | TEC    | LAR    | 22      | 45  | COLD  | 610UL |
|     |     | 0.19  | 97  | P5  | WAR |     | AV5      | +0.02 | AV6 | AV5    | 7      | 96910.1 | 77  | COLD  | 5601P |
|     |     | 0.70  | 90  | P5  | WAR |     | AV5      | +0.14 | AV6 | AV5    | 21     | 96910.1 | 77  | COLD  | 5601P |

**WEAR (WAR) sized by +Point™ probe 1-100% (TWD located in UTIL 1 column) (continued)**  
**(Confirmed as two sided wear & reported as DSI by Bobbin probe)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1   | UTIL | 2 | CAL     | #  | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|-----|------|---|---------|----|------|-------|
| 105 | 84  | 0.36  | 90  | P5  | WAR |     | AV2      | -0.06 |     | AV2  | AV4 | 20   |   | 96910.1 | 71 | HOT  | 5601P |
|     |     | 0.17  | 91  | P5  | WAR |     | AV2      | -0.00 |     | AV2  | AV4 | 11   |   | 96910.1 | 71 | HOT  | 5601P |
|     |     | 0.73  | 117 | P2  | DSI |     | AV2      | +0.00 |     | TEH  | TEC | LAR  |   | 22      | 24 | COLD | 610UL |
|     |     | 0.84  | 119 | P2  | DSI |     | AV7      | +0.00 |     | TEH  | TEC | LAR  |   | 23      | 24 | COLD | 610UL |
|     |     | 0.73  | 106 | P5  | WAR |     | AV7      | +0.02 |     | AV7  | AV6 | 19   |   | 96910.1 | 43 | COLD | 5601P |
|     |     | 0.45  | 109 | P5  | WAR |     | AV7      | +0.03 |     | AV7  | AV6 | 12   |   | 96910.1 | 43 | COLD | 5601P |
| 105 | 86  | 0.41  | 88  | P5  | WAR |     | AV3      | -0.10 |     | AV3  | AV3 | 22   |   | 96910.1 | 71 | HOT  | 5601P |
|     |     | 0.15  | 102 | P5  | WAR |     | AV3      | -0.06 |     | AV3  | AV3 | 10   |   | 96910.1 | 71 | HOT  | 5601P |
|     |     | 0.72  | 116 | P2  | DSI |     | AV3      | +0.00 |     | TEH  | TEC | LAR  |   | 21      | 45 | COLD | 610UL |
| 106 | 83  | 0.48  | 107 | P5  | WAR |     | AV5      | +0.01 |     | AV5  | AV4 | 13   |   | 96910.1 | 43 | COLD | 5601P |
|     |     | 0.64  | 122 | P2  | DSI |     | AV5      | +0.15 |     | TEH  | TEC | LAR  |   | 20      | 23 | COLD | 610UL |
|     |     | 0.60  | 109 | P5  | WAR |     | AV5      | +0.18 |     | AV5  | AV4 | 16   |   | 96910.1 | 43 | COLD | 5601P |
| 106 | 87  | 0.82  | 122 | P2  | DSI |     | AV5      | +0.00 |     | TEH  | TEC | LAR  |   | 22      | 44 | COLD | 610UL |
|     |     | 0.31  | 94  | P5  | WAR |     | AV5      | +0.05 |     | AV5  | AV5 | 11   |   | 96910.1 | 77 | COLD | 5601P |
|     |     | 0.65  | 90  | P5  | WAR |     | AV5      | +0.11 |     | AV5  | AV5 | 20   |   | 96910.1 | 77 | COLD | 5601P |
| 107 | 84  | 0.74  | 124 | P2  | DSI |     | AV2      | +0.00 |     | TEH  | TEC | LAR  |   | 22      | 23 | COLD | 610UL |
|     |     | 0.60  | 107 | P5  | WAR |     | AV2      | +0.01 |     | AV1  | AV2 | 15   |   | 96910.1 | 43 | HOT  | 5601P |
|     |     | 0.71  | 108 | P5  | WAR |     | AV2      | +0.10 |     | AV1  | AV2 | 17   |   | 96910.1 | 43 | HOT  | 5601P |
|     |     | 0.95  | 121 | P2  | DSI |     | AV7      | +0.02 |     | TEH  | TEC | LAR  |   | 25      | 23 | COLD | 610UL |
|     |     | 0.79  | 108 | P5  | WAR |     | AV7      | +0.08 |     | AV7  | AV6 | 20   |   | 96910.1 | 43 | COLD | 5601P |
|     |     | 0.49  | 111 | P5  | WAR |     | AV7      | +0.09 |     | AV7  | AV6 | 13   |   | 96910.1 | 43 | COLD | 5601P |
| 108 | 87  | 0.70  | 122 | P2  | DSI |     | AV5      | +0.00 |     | TEH  | TEC | LAR  |   | 21      | 45 | COLD | 610UL |
|     |     | 0.38  | 95  | P5  | WAR |     | AV5      | +0.17 |     | AV7  | AV5 | 13   |   | 96910.1 | 77 | COLD | 5601P |
|     |     | 0.47  | 90  | P5  | WAR |     | AV5      | +0.21 |     | AV7  | AV5 | 15   |   | 96910.1 | 77 | COLD | 5601P |
|     |     | 0.72  | 119 | P2  | DSI |     | AV6      | +0.00 |     | TEH  | TEC | LAR  |   | 21      | 45 | COLD | 610UL |
|     |     | 0.35  | 94  | P5  | WAR |     | AV6      | +0.05 |     | AV7  | AV5 | 12   |   | 96910.1 | 77 | COLD | 5601P |
|     |     | 0.55  | 92  | P5  | WAR |     | AV6      | +0.08 |     | AV7  | AV5 | 18   |   | 96910.1 | 77 | COLD | 5601P |
|     |     | 0.38  | 92  | P5  | WAR |     | AV7      | -0.14 |     | AV7  | AV5 | 14   |   | 96910.1 | 77 | COLD | 5601P |
|     |     | 0.45  | 89  | P5  | WAR |     | AV7      | -0.10 |     | AV7  | AV5 | 15   |   | 96910.1 | 77 | COLD | 5601P |
|     |     | 0.68  | 124 | P2  | DSI |     | AV7      | +0.00 |     | TEH  | TEC | LAR  |   | 21      | 45 | COLD | 610UL |
| 108 | 89  | 0.28  | 88  | P5  | WAR |     | AV4      | -0.07 |     | AV4  | AV4 | 16   |   | 96910.1 | 71 | HOT  | 5601P |
|     |     | 0.73  | 119 | P2  | DSI |     | AV4      | +0.00 |     | TEH  | TEC | LAR  |   | 20      | 47 | COLD | 610UL |
|     | </  |       |     |     |     |     |          |       |     |      |     |      |   |         |    |      |       |

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT | EXT | UTIL | 1 | UTIL    | 2  | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-----|-----|------|---|---------|----|-----|---|------|-------|
| 111 | 88  | 0.29  | 90  | P5  | WAR | AV3 | -0.09    | AV3 | AV3 | 17   |   | 96910.1 | 71 | 71  |   | HOT  | 5601P |
|     |     | 0.42  | 87  | P5  | WAR | AV3 | -0.02    | AV3 | AV3 | 23   |   | 96910.1 | 71 | 71  |   | HOT  | 5601P |
|     |     | 0.94  | 120 | P2  | DSI | AV3 | +0.00    | TEH | TEC | LAR  |   | 23      |    | 46  |   | COLD | 610UL |
|     |     | 0.55  | 89  | P5  | WAR | AV6 | +0.00    | AV6 | AV6 | 17   |   | 96910.1 | 77 | 77  |   | COLD | 5601P |
|     |     | 0.99  | 122 | P2  | DSI | AV6 | +0.00    | TEH | TEC | LAR  |   | 24      |    | 46  |   | COLD | 610UL |
|     |     | 0.62  | 93  | P5  | WAR | AV6 | +0.04    | AV6 | AV6 | 19   |   | 96910.1 | 77 | 77  |   | COLD | 5601P |
| 112 | 91  | 0.22  | 93  | P5  | WAR | AV3 | -0.11    | AV3 | AV3 | 14   |   | 96910.1 | 71 | 71  |   | HOT  | 5601P |
|     |     | 0.69  | 122 | P2  | DSI | AV3 | +0.00    | TEH | TEC | LAR  |   | 20      |    | 48  |   | COLD | 610UL |
|     |     | 0.35  | 92  | P5  | WAR | AV3 | +0.13    | AV3 | AV3 | 20   |   | 96910.1 | 71 | 71  |   | HOT  | 5601P |
| 113 | 84  | 0.63  | 123 | P2  | DSI | AV5 | +0.00    | TEH | TEC | LAR  |   | 20      |    | 24  |   | COLD | 610UL |
|     |     | 0.56  | 105 | P5  | WAR | AV5 | +0.09    | AV5 | AV4 | 15   |   | 96910.1 | 43 | 43  |   | COLD | 5601P |
|     |     | 0.47  | 108 | P5  | WAR | AV5 | +0.10    | AV5 | AV4 | 13   |   | 96910.1 | 43 | 43  |   | COLD | 5601P |
|     |     | 0.95  | 116 | P2  | DSI | AV7 | +0.00    | TEH | TEC | LAR  |   | 25      |    | 24  |   | COLD | 610UL |
|     |     | 0.95  | 104 | P5  | WAR | AV7 | +0.01    | AV7 | AV6 | 23   |   | 96910.1 | 43 | 43  |   | COLD | 5601P |
|     |     | 0.19  | 100 | P5  | WAR | AV7 | +0.05    | AV7 | AV6 | 6    |   | 96910.1 | 43 | 43  |   | COLD | 5601P |
| 115 | 86  | 0.13  | 89  | P5  | WAR | AV6 | -0.09    | AV7 | AV6 | 5    |   | 96910.1 | 77 | 77  |   | COLD | 5601P |
|     |     | 0.68  | 121 | P2  | DSI | AV6 | +0.00    | TEH | TEC | LAR  |   | 20      |    | 44  |   | COLD | 610UL |
|     |     | 0.64  | 91  | P5  | WAR | AV6 | +0.16    | AV7 | AV6 | 20   |   | 96910.1 | 77 | 77  |   | COLD | 5601P |
|     |     | 0.70  | 121 | P2  | DSI | AV7 | +0.00    | TEH | TEC | LAR  |   | 20      |    | 44  |   | COLD | 610UL |
|     |     | 0.44  | 94  | P5  | WAR | AV7 | +0.09    | AV7 | AV6 | 15   |   | 96910.1 | 77 | 77  |   | COLD | 5601P |
|     |     | 0.37  | 88  | P5  | WAR | AV7 | +0.10    | AV7 | AV6 | 13   |   | 96910.1 | 77 | 77  |   | COLD | 5601P |
| 115 | 88  | 0.72  | 120 | P2  | DSI | AV6 | +0.04    | TEH | TEC | LAR  |   | 20      |    | 46  |   | COLD | 610UL |
|     |     | 0.57  | 92  | P5  | WAR | AV6 | +0.07    | AV6 | AV6 | 18   |   | 96910.1 | 77 | 77  |   | COLD | 5601P |
|     |     | 0.33  | 93  | P5  | WAR | AV6 | +0.08    | AV6 | AV6 | 11   |   | 96910.1 | 77 | 77  |   | COLD | 5601P |
| 116 | 83  | 0.68  | 109 | P5  | WAR | AV2 | -0.18    | AV2 | AV2 | 17   |   | 96910.1 | 43 | 43  |   | HOT  | 5601P |
|     |     | 0.64  | 121 | P2  | DSI | AV2 | +0.00    | TEH | TEC | LAR  |   | 20      |    | 24  |   | COLD | 610UL |
|     |     | 0.45  | 109 | P5  | WAR | AV2 | +0.15    | AV2 | AV2 | 11   |   | 96910.1 | 43 | 43  |   | HOT  | 5601P |
|     |     | 0.50  | 108 | P5  | WAR | AV7 | -0.09    | AV7 | AV6 | 14   |   | 96910.1 | 43 | 43  |   | COLD | 5601P |
|     |     | 0.71  | 120 | P2  | DSI | AV7 | +0.00    | TEH | TEC | LAR  |   | 21      |    | 24  |   | COLD | 610UL |
|     |     | 0.57  | 109 | P5  | WAR | AV7 | +0.06    | AV7 | AV6 | 15   |   | 96910.1 | 43 | 43  |   | COLD | 5601P |
| 116 | 85  | 0.47  | 110 | P5  | WAR | AV2 | -0.12    | AV1 | AV2 | 13   |   | 96910.1 | 42 | 42  |   | HOT  | 5601P |
|     |     | 0.75  | 120 | P2  | DSI | AV2 | +0.00    | TEH | TE  |      |   |         |    |     |   |      |       |

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**WEAR (WAR) sized by +Point™ probe 1-100% (TWD located in UTIL 1 column) (continued)**  
**(Confirmed as two sided wear & reported as DSI by Bobbin probe)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION  | EXT | EXT | UTIL | 1 | UTIL    | 2  | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|-----------|-----|-----|------|---|---------|----|-----|---|------|-------|
| 121 | 84  | 0.65  | 108 | P5  | WAR |     | AV5 -0.07 | AV2 | AV5 | 17   |   | 96910.1 | 42 |     |   | HOT  | 5601P |
|     |     | 0.69  | 117 | P2  | DSI |     | AV5 +0.00 | TEH | TEC | LAR  |   | 21      | 24 |     |   | COLD | 610UL |
|     |     | 0.41  | 104 | P5  | WAR |     | AV5 +0.14 | AV2 | AV5 | 12   |   | 96910.1 | 42 |     |   | HOT  | 5601P |
|     |     | 0.65  | 122 | P2  | DSI |     | AV7 +0.00 | TEH | TEC | LAR  |   | 20      | 24 |     |   | COLD | 610UL |
|     |     | 0.42  | 112 | P5  | WAR |     | AV7 +0.07 | AV7 | AV6 | 12   |   | 96910.1 | 43 |     |   | COLD | 5601P |
|     |     | 0.68  | 108 | P5  | WAR |     | AV7 +0.24 | AV7 | AV6 | 18   |   | 96910.1 | 43 |     |   | COLD | 5601P |
| 121 | 86  | 0.48  | 93  | P5  | WAR |     | AV5 -0.08 | AV6 | AV5 | 16   |   | 96910.1 | 77 |     |   | COLD | 5601P |
|     |     | 0.69  | 118 | P2  | DSI |     | AV5 +0.00 | TEH | TEC | LAR  |   | 21      | 45 |     |   | COLD | 610UL |
|     |     | 0.37  | 91  | P5  | WAR |     | AV5 +0.07 | AV6 | AV5 | 13   |   | 96910.1 | 77 |     |   | COLD | 5601P |
|     |     | 0.80  | 117 | P2  | DSI |     | AV6 +0.00 | TEH | TEC | LAR  |   | 23      | 45 |     |   | COLD | 610UL |
|     |     | 0.53  | 91  | P5  | WAR |     | AV6 +0.07 | AV6 | AV5 | 17   |   | 96910.1 | 77 |     |   | COLD | 5601P |
|     |     | 0.44  | 92  | P5  | WAR |     | AV6 +0.08 | AV6 | AV5 | 15   |   | 96910.1 | 77 |     |   | COLD | 5601P |
| 124 | 83  | 0.78  | 107 | P5  | WAR |     | AV2 -0.04 | AV2 | AV3 | 19   |   | 96910.1 | 43 |     |   | HOT  | 5601P |
|     |     | 0.68  | 116 | P2  | DSI |     | AV2 +0.00 | TEH | TEC | LAR  |   | 21      | 24 |     |   | COLD | 610UL |
|     |     | 0.32  | 112 | P5  | WAR |     | AV2 +0.09 | AV2 | AV3 | 8    |   | 96910.1 | 43 |     |   | HOT  | 5601P |
|     |     | 0.66  | 121 | P2  | DSI |     | AV3 +0.00 | TEH | TEC | LAR  |   | 20      | 24 |     |   | COLD | 610UL |
|     |     | 0.49  | 111 | P5  | WAR |     | AV3 +0.07 | AV2 | AV3 | 12   |   | 96910.1 | 43 |     |   | HOT  | 5601P |
|     |     | 0.52  | 111 | P5  | WAR |     | AV3 +0.08 | AV2 | AV3 | 13   |   | 96910.1 | 43 |     |   | HOT  | 5601P |
| 125 | 86  | 0.65  | 126 | P2  | DSI |     | AV6 -0.04 | TEH | TEC | LAR  |   | 20      | 45 |     |   | COLD | 610UL |
|     |     | 0.37  | 94  | P5  | WAR |     | AV6 -0.02 | AV6 | AV6 | 13   |   | 96910.1 | 77 |     |   | COLD | 5601P |
|     |     | 0.48  | 93  | P5  | WAR |     | AV6 -0.00 | AV6 | AV6 | 16   |   | 96910.1 | 77 |     |   | COLD | 5601P |
| 126 | 83  | 0.35  | 113 | P5  | WAR |     | AV5 -0.33 | AV5 | AV4 | 10   |   | 96910.1 | 43 |     |   | COLD | 5601P |
|     |     | 0.78  | 117 | P2  | DSI |     | AV5 +0.00 | TEH | TEC | LAR  |   | 22      | 23 |     |   | COLD | 610UL |
|     |     | 0.97  | 106 | P5  | WAR |     | AV5 +0.42 | AV5 | AV4 | 23   |   | 96910.1 | 43 |     |   | COLD | 5601P |
| 127 | 82  | 0.52  | 108 | P5  | WAR |     | AV6 -0.06 | AV6 | AV5 | 14   |   | 96910.1 | 43 |     |   | COLD | 5601P |
|     |     | 0.71  | 122 | P2  | DSI |     | AV6 +0.00 | TEH | TEC | LAR  |   | 21      | 26 |     |   | COLD | 610UL |
|     |     | 0.63  | 110 | P5  | WAR |     | AV6 +0.16 | AV6 | AV5 | 17   |   | 96910.1 | 43 |     |   | COLD | 5601P |
| 127 | 84  | 0.65  | 127 | P2  | DSI |     | AV5 +0.07 | TEH | TEC | LAR  |   | 20      | 23 |     |   | COLD | 610UL |
|     |     | 0.64  | 114 | P5  | WAR |     | AV5 +0.15 | AV5 | AV4 | 17   |   | 96910.1 | 43 |     |   | COLD | 5601P |
|     |     | 0.49  | 107 | P5  | WAR |     | AV5 +0.21 | AV5 | AV4 | 13   |   | 96910.1 | 43 |     |   | COLD | 5601P |
| 129 | 84  | 0.89  | 123 | P2  | DSI |     | AV5 +0.00 | TEH | TEC | LAR  |   | 24      | 24 |     |   | COLD | 610UL |
|     |     | 0.82  | 107 | P5  | WAR |     | AV5 +0.01 | AV5 | AV4 | 20   |   | 96910.1 | 43 |     |   | COLD | 5601P |
|     |     | 0.64  | 106 | P5  | WAR |     | AV5 +0.20 | AV5 | AV4 | 17   |   | 96910.1 | 43 |     |   | COLD | 5601P |
|     |     | 0.57  | 105 | P5  | WAR |     | AV7 -0.06 | AV7 | AV6 | 15   |   | 96910.1 | 43 |     |   | COLD | 5601P |
|     |     | 0.58  | 107 | P5  | WAR |     | AV7 -0.04 | AV7 | AV6 | 15   |   | 96910.1 | 43 |     |   | COLD | 5601P |
|     |     | 0.69  | 122 | P2  | DSI |     | AV7 +0.00 | TEH | TEC | LAR  |   | 21      | 24 |     |   | COLD | 610UL |
| 130 | 83  | 0.31  | 94  | P5  | WAR |     | AV5 -0.17 | AV5 | AV5 | 11   |   | 96910.1 | 77 |     |   | COLD | 5601P |
|     |     | 0.64  | 127 | P2  | DSI |     | AV5 +0.04 | TEH | TEC | LAR  |   | 20      | 23 |     |   | COLD | 610UL |
|     |     | 0.59  | 89  | P5  | WAR |     | AV5 +0.17 | AV5 | AV5 | 19   |   | 96910.1 | 77 |     |   | COLD | 5601P |
| 130 | 85  | 0.66  | 118 | P2  | DSI |     | AV2 -0.04 | TEH | TEC | LAR  |   | 20      | 23 |     |   | COLD | 610UL |
|     |     | 0.40  | 113 | P5  | WAR |     | AV2 +0.00 | AV2 | AV3 | 11   |   | 96910.1 | 42 |     |   | HOT  | 5601P |
|     |     | 0.64  | 110 | P5  | WAR |     | AV2 +0.09 | AV2 | AV3 | 17   |   | 96910.1 | 42 |     |   | HOT  | 5601P |
|     |     | 0.64  | 111 | P5  | WAR |     | AV3 -0.02 | AV2 | AV3 | 17   |   | 96910.1 | 42 |     |   | HOT  | 5601P |
|     |     | 0.66  | 125 | P2  | DSI |     | AV3 +0.02 | TEH | TEC | LAR  |   | 20      | 23 |     |   | COLD | 610UL |
|     |     | 0.48  | 111 | P5  | WAR |     | AV3 +0.06 | AV2 | AV3 | 13   |   | 96910.1 | 42 |     |   | HOT  | 5601P |

Total Tubes : 39  
Total Records: 164

St. Lucie Unit 2  
Steam Generator Tube Inspection Report  
Attachment 1 to Enclosure 1

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**St. Lucie Unit 2 (SL2-18)**  
**SG 2A Wear Indications 1-19% TWD at AVB locations**

| ROW | COL | VOLTS | DEG | CHN | IND    | %TW | LOCATION | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|--------|-----|----------|-----|-----|--------|--------|-------|------|-------|
| 25  | 166 | 0.21  | 116 | P2  | TWD 7  | AV7 | +0.20    | TEC | TEH |        |        | 19    | HOT  | 610UL |
| 33  | 6   | 0.17  | 118 | P2  | TWD 7  | AV2 | -0.29    | TEC | TEH |        |        | 60    | HOT  | 610UL |
| 33  | 8   | 0.13  | 106 | P2  | TWD 7  | AV2 | +0.22    | TEC | TEH |        |        | 58    | HOT  | 610UL |
| 33  | 164 | 0.22  | 89  | P2  | TWD 8  | AV2 | -0.24    | TEC | TEH |        |        | 19    | HOT  | 610UL |
|     |     | 0.15  | 126 | P2  | TWD 6  | AV7 | +0.20    | TEC | TEH |        |        | 19    | HOT  | 610UL |
| 34  | 165 | 0.13  | 135 | P2  | TWD 7  | AV7 | +0.15    | TEC | TEH |        |        | 18    | HOT  | 610UL |
| 36  | 7   | 0.16  | 111 | P2  | TWD 6  | AV2 | -0.27    | TEC | TEH |        |        | 18    | HOT  | 610UL |
| 47  | 142 | 0.10  | 98  | P2  | TWD 5  | AV6 | +0.20    | TEC | TEH |        |        | 22    | HOT  | 610UL |
| 47  | 154 | 0.12  | 125 | P2  | TWD 6  | AV6 | +0.20    | TEC | TEH |        |        | 20    | HOT  | 610UL |
|     |     | 0.30  | 117 | P2  | TWD 13 | AV3 | -0.24    | TEC | TEH |        |        | 20    | HOT  | 610UL |
| 47  | 160 | 0.19  | 107 | P2  | TWD 10 | AV8 | -0.18    | TEC | TEH |        |        | 18    | HOT  | 610UL |
|     |     | 0.19  | 110 | P2  | TWD 10 | AV2 | -0.22    | TEC | TEH |        |        | 18    | HOT  | 610UL |
|     |     | 0.14  | 81  | P2  | TWD 8  | AV1 | +0.20    | TEC | TEH |        |        | 18    | HOT  | 610UL |
| 47  | 162 | 0.27  | 120 | P2  | TWD 13 | AV6 | +0.18    | TEC | TEH |        |        | 18    | HOT  | 610UL |
|     |     | 0.15  | 135 | P2  | TWD 8  | AV3 | -0.18    | TEC | TEH |        |        | 18    | HOT  | 610UL |
| 48  | 7   | 0.13  | 135 | P2  | TWD 5  | AV3 | -0.20    | TEC | TEH |        |        | 60    | HOT  | 610UL |
| 48  | 9   | 0.20  | 131 | P2  | TWD 10 | AV6 | +0.18    | TEC | TEH |        |        | 58    | HOT  | 610UL |
|     |     | 0.20  | 118 | P2  | TWD 10 | AV3 | -0.20    | TEC | TEH |        |        | 58    | HOT  | 610UL |
|     |     | 0.18  | 102 | P2  | TWD 10 | AV2 | -0.22    | TEC | TEH |        |        | 58    | HOT  | 610UL |
| 48  | 35  | 0.16  | 112 | P2  | TWD 7  | AV3 | +0.33    | TEH | TEC |        |        | 11    | COLD | 610UL |
| 48  | 161 | 0.27  | 104 | P2  | TWD 9  | AV7 | +0.15    | TEC | TEH |        |        | 19    | HOT  | 610UL |
|     |     | 0.51  | 115 | P2  | TWD 15 | AV6 | +0.18    | TEC | TEH |        |        | 19    | HOT  | 610UL |
|     |     | 0.17  | 108 | P2  | TWD 6  | AV2 | -0.20    | TEC | TEH |        |        | 19    | HOT  | 610UL |
| 49  | 10  | 0.19  | 113 | P2  | TWD 10 | AV2 | -0.18    | TEC | TEH |        |        | 58    | HOT  | 610UL |
|     |     | 0.18  | 130 | P2  | TWD 9  | AV7 | +0.13    | TEC | TEH |        |        | 58    | HOT  | 610UL |
|     |     | 0.11  | 128 | P2  | TWD 6  | AV3 | -0.20    | TEC | TEH |        |        | 58    | HOT  | 610UL |
| 49  | 160 | 0.17  | 106 | P2  | TWD 6  | AV7 | +0.11    | TEC | TEH |        |        | 19    | HOT  | 610UL |
|     |     | 0.20  | 120 | P2  | TWD 7  | AV2 | -0.22    | TEC | TEH |        |        | 19    | HOT  | 610UL |
| 49  | 162 | 0.26  | 123 | P2  | TWD 9  | AV6 | +0.18    | TEC | TEH |        |        | 19    | HOT  | 610UL |
| 50  | 9   | 0.25  | 116 | P2  | TWD 12 | AV6 | +0.18    | TEC | TEH |        |        | 58    | HOT  | 610UL |
|     |     | 0.16  | 135 | P2  | TWD 9  | AV3 | -0.20    | TEC | TEH |        |        | 58    | HOT  | 610UL |
| 50  | 11  | 0.13  | 98  | P2  | TWD 7  | AV6 | +0.18    | TEC | TEH |        |        | 58    | HOT  | 610UL |
|     |     | 0.19  | 91  | P2  | TWD 10 | AV7 | +0.15    | TEC | TEH |        |        | 58    | HOT  | 610UL |
|     |     | 0.24  | 119 | P2  | TWD 12 | AV2 | -0.20    | TEC | TEH |        |        | 58    | HOT  | 610UL |
| 50  | 153 | 0.18  | 129 | P2  | TWD 6  | AV3 | +0.22    | TEC | TEH |        |        | 21    | HOT  | 610UL |
| 50  | 159 | 0.17  | 112 | P2  | TWD 6  | AV2 | -0.22    | TEC | TEH |        |        | 19    | HOT  | 610UL |
| 50  | 161 | 0.18  | 121 | P2  | TWD 9  | AV6 | +0.20    | TEC | TEH |        |        | 18    | HOT  | 610UL |
| 50  | 163 | 0.17  | 103 | P2  | TWD 9  | AV7 | -0.31    | TEC | TEH |        |        | 18    | HOT  | 610UL |
| 51  | 8   | 0.16  | 126 | P2  | TWD 9  | AV6 | +0.18    | TEC | TEH |        |        | 58    | HOT  | 610UL |
|     |     | 0.11  | 80  | P2  | TWD 6  | AV3 | -0.20    | TEC | TEH |        |        | 58    | HOT  | 610UL |
| 51  | 10  | 0.15  | 94  | P2  | TWD 8  | AV2 | -0.18    | TEC | TEH |        |        | 58    | HOT  | 610UL |
| 51  | 102 | 0.16  | 121 | P2  | TWD 6  | AV6 | +0.26    | TEH | TEC |        |        | 53    | COLD | 610UL |
| 51  | 144 | 0.15  | 112 | P2  | TWD 7  | AV3 | +0.18    | TEC | TEH |        |        | 22    | HOT  | 610UL |
| 51  | 154 | 0.21  | 134 | P2  | TWD 10 | AV6 | +0.15    | TEC | TEH |        |        | 20    | HOT  | 610UL |
|     |     | 0.27  | 105 | P2  | TWD 12 | AV3 | -0.24    | TEC | TEH |        |        | 20    | HOT  | 610UL |
| 51  | 156 | 0.17  | 78  | P2  | TWD 9  | AV7 | +0.18    | TEC | TEH |        |        | 20    | HOT  | 610UL |
|     |     | 0.19  | 121 | P2  | TWD 9  | AV6 | +0.15    | TEC | TEH |        |        | 20    | HOT  | 610UL |
| 51  | 160 | 0.21  | 119 | P2  | TWD 11 | AV2 | -0.15    | TEC | TEH |        |        | 18    | HOT  | 610UL |
| 51  | 162 | 0.19  | 137 | P2  | TWD 10 | AV7 | +0.18    | TEC | TEH |        |        | 18    | HOT  | 610UL |
|     |     | 0.29  | 127 | P2  | TWD 14 | AV3 | -0.20    | TEC | TEH |        |        | 18    | HOT  | 610UL |
|     |     | 0.24  | 116 | P2  | TWD 12 | AV2 | -0.24    | TEC | TEH |        |        | 18    | HOT  | 610UL |
|     |     | 0.21  | 89  | P2  | TWD 11 | AV1 | -0.29    | TEC | TEH |        |        | 18    | HOT  | 610UL |
| 52  | 9   | 0.43  | 125 | P2  | TWD 18 | AV3 | -0.18    | TEC | TEH |        |        | 58    | HOT  | 610UL |
|     |     | 0.24  | 113 | P2  | TWD 12 | AV6 | +0.18    | TEC | TEH |        |        | 58    | HOT  | 610UL |
|     |     | 0.17  | 88  | P2  | TWD 9  | AV7 | +0.18    | TEC | TEH |        |        | 58    | HOT  | 610UL |
| 52  | 11  | 0.17  | 124 | P2  | TWD 9  | AV6 | +0.18    | TEC | TEH |        |        | 58    | HOT  | 610UL |
|     |     | 0.18  | 103 | P2  | TWD 10 | AV7 | +0.13    | TEC | TEH |        |        | 58    | HOT  | 610UL |
| 52  | 13  | 0.14  | 134 | P2  | TWD 6  | AV2 | -0.20    | TEC | TEH |        |        | 57    | HOT  | 610UL |
| 52  | 35  | 0.21  | 124 | P2  | TWD 9  | AV3 | +0.35    | TEH | TEC |        |        | 11    | COLD | 610UL |

St. Lucie Unit 2  
Steam Generator Tube Inspection Report  
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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW  | COL  | VOLTS | DEG  | CHN  | IND  | %TW  | LOCATION | EXT   | EXT  | UTIL 1 | UTIL 2 | CAL # | LEG   | PROBE |
|------|------|-------|------|------|------|------|----------|-------|------|--------|--------|-------|-------|-------|
| ==== | ==== | ===== | ==== | ==== | ==== | ==== | =====    | ====  | ==== | =====  | =====  | ===== | ===== | ===== |
| 52   | 121  | 0.11  | 108  | P2   | TWD  | 6    | AV3      | +0.15 | TEC  | TEH    |        | 36    | HOT   | 610UL |
| 52   | 153  | 0.14  | 74   | P2   | TWD  | 7    | AV6      | -0.31 | TEC  | TEH    |        | 20    | HOT   | 610UL |
| 52   | 161  | 0.41  | 128  | P2   | TWD  | 13   | AV6      | +0.20 | TEC  | TEH    |        | 19    | HOT   | 610UL |
|      |      | 0.26  | 133  | P2   | TWD  | 9    | AV2      | -0.20 | TEC  | TEH    |        | 19    | HOT   | 610UL |
| 53   | 8    | 0.23  | 120  | P2   | TWD  | 10   | AV3      | -0.24 | TEC  | TEH    |        | 59    | HOT   | 610UL |
|      |      | 0.20  | 99   | P2   | TWD  | 9    | AV2      | +0.18 | TEC  | TEH    |        | 59    | HOT   | 610UL |
| 53   | 10   | 0.13  | 94   | P2   | TWD  | 7    | AV2      | -0.24 | TEC  | TEH    |        | 58    | HOT   | 610UL |
|      |      | 0.12  | 88   | P2   | TWD  | 7    | AV7      | +0.09 | TEC  | TEH    |        | 58    | HOT   | 610UL |
| 53   | 34   | 0.16  | 117  | P2   | TWD  | 7    | AV3      | -0.15 | TEH  | TEC    |        | 12    | COLD  | 610UL |
|      |      | 0.15  | 107  | P2   | TWD  | 7    | AV6      | +0.22 | TEH  | TEC    |        | 12    | COLD  | 610UL |
| 53   | 128  | 0.15  | 117  | P2   | TWD  | 6    | AV3      | -0.31 | TEC  | TEH    |        | 33    | HOT   | 610UL |
| 53   | 142  | 0.19  | 121  | P2   | TWD  | 5    | AV6      | +0.18 | TEC  | TEH    |        | 25    | HOT   | 610UL |
| 53   | 154  | 0.15  | 128  | P2   | TWD  | 5    | AV6      | +0.15 | TEC  | TEH    |        | 21    | HOT   | 610UL |
|      |      | 0.28  | 108  | P2   | TWD  | 9    | AV3      | -0.24 | TEC  | TEH    |        | 21    | HOT   | 610UL |
| 53   | 162  | 0.19  | 115  | P2   | TWD  | 10   | AV6      | +0.20 | TEC  | TEH    |        | 18    | HOT   | 610UL |
| 54   | 9    | 0.28  | 95   | P2   | TWD  | 13   | AV6      | +0.18 | TEC  | TEH    |        | 58    | HOT   | 610UL |
| 54   | 11   | 0.23  | 127  | P2   | TWD  | 11   | AV7      | +0.18 | TEC  | TEH    |        | 58    | HOT   | 610UL |
|      |      | 0.20  | 137  | P2   | TWD  | 10   | AV6      | +0.20 | TEC  | TEH    |        | 58    | HOT   | 610UL |
| 54   | 15   | 0.17  | 103  | P2   | TWD  | 7    | AV3      | +0.00 | TEC  | TEH    |        | 56    | HOT   | 610UL |
| 54   | 45   | 0.11  | 106  | P2   | TWD  | 5    | AV3      | +0.22 | TEH  | TEC    |        | 15    | COLD  | 610UL |
| 54   | 101  | 0.15  | 126  | P2   | TWD  | 6    | AV6      | -0.22 | TEH  | TEC    |        | 54    | COLD  | 610UL |
| 54   | 109  | 0.18  | 124  | P2   | TWD  | 7    | AV3      | +0.00 | TEH  | TEC    |        | 59    | COLD  | 610UL |
| 54   | 121  | 0.13  | 128  | P2   | TWD  | 6    | AV3      | +0.15 | TEC  | TEH    |        | 37    | HOT   | 610UL |
| 54   | 147  | 0.14  | 124  | P2   | TWD  | 7    | AV6      | +0.18 | TEC  | TEH    |        | 22    | HOT   | 610UL |
| 54   | 157  | 0.13  | 107  | P2   | TWD  | 7    | AV6      | +0.15 | TEC  | TEH    |        | 20    | HOT   | 610UL |
| 54   | 159  | 0.16  | 117  | P2   | TWD  | 6    | AV7      | +0.15 | TEC  | TEH    |        | 19    | HOT   | 610UL |
|      |      | 0.16  | 106  | P2   | TWD  | 6    | AV2      | -0.24 | TEC  | TEH    |        | 19    | HOT   | 610UL |
| 54   | 161  | 0.21  | 117  | P2   | TWD  | 11   | AV7      | +0.18 | TEC  | TEH    |        | 18    | HOT   | 610UL |
|      |      | 0.24  | 78   | P2   | TWD  | 12   | AV2      | +0.20 | TEC  | TEH    |        | 18    | HOT   | 610UL |
|      |      | 0.37  | 125  | P2   | TWD  | 16   | AV6      | +0.20 | TEC  | TEH    |        | 18    | HOT   | 610UL |
| 55   | 10   | 0.15  | 111  | P2   | TWD  | 8    | AV3      | -0.22 | TEC  | TEH    |        | 58    | HOT   | 610UL |
|      |      | 0.30  | 119  | P2   | TWD  | 14   | AV2      | -0.22 | TEC  | TEH    |        | 58    | HOT   | 610UL |
| 55   | 16   | 0.13  | 109  | P2   | TWD  | 6    | AV2      | +0.00 | TEC  | TEH    |        | 56    | HOT   | 610UL |
| 55   | 34   | 0.13  | 124  | P2   | TWD  | 5    | AV3      | -0.15 | TEH  | TEC    |        | 11    | COLD  | 610UL |
|      |      | 0.13  | 135  | P2   | TWD  | 5    | AV6      | +0.20 | TEH  | TEC    |        | 11    | COLD  | 610UL |
| 55   | 120  | 0.19  | 86   | P2   | TWD  | 9    | AV3      | -0.22 | TEC  | TEH    |        | 36    | HOT   | 610UL |
| 55   | 122  | 0.12  | 86   | P2   | TWD  | 6    | AV6      | -0.22 | TEC  | TEH    |        | 34    | HOT   | 610UL |
| 55   | 142  | 0.21  | 110  | P2   | TWD  | 10   | AV6      | +0.15 | TEC  | TEH    |        | 24    | HOT   | 610UL |
| 55   | 154  | 0.30  | 129  | P2   | TWD  | 13   | AV3      | -0.26 | TEC  | TEH    |        | 20    | HOT   | 610UL |
| 55   | 156  | 0.17  | 118  | P2   | TWD  | 8    | AV7      | +0.13 | TEC  | TEH    |        | 20    | HOT   | 610UL |
|      |      | 0.13  | 100  | P2   | TWD  | 7    | AV1      | +0.15 | TEC  | TEH    |        | 20    | HOT   | 610UL |
| 55   | 158  | 0.13  | 112  | P2   | TWD  | 7    | AV6      | -0.29 | TEC  | TEH    |        | 20    | HOT   | 610UL |
| 55   | 160  | 0.18  | 113  | P2   | TWD  | 9    | AV7      | +0.15 | TEC  | TEH    |        | 18    | HOT   | 610UL |
| 56   | 9    | 0.12  | 136  | P2   | TWD  | 7    | AV3      | -0.22 | TEC  | TEH    |        | 58    | HOT   | 610UL |
| 56   | 11   | 0.16  | 100  | P2   | TWD  | 9    | AV6      | +0.00 | TEC  | TEH    |        | 58    | HOT   | 610UL |
|      |      | 0.21  | 132  | P2   | TWD  | 11   | AV2      | -0.29 | TEC  | TEH    |        | 58    | HOT   | 610UL |
| 56   | 35   | 0.20  | 114  | P2   | TWD  | 8    | AV3      | +0.29 | TEH  | TEC    |        | 11    | COLD  | 610UL |
| 56   | 113  | 0.13  | 138  | P2   | TWD  | 6    | AV2      | +0.04 | TEH  | TEC    |        | 45    | COLD  | 610UL |
| 56   | 123  | 0.11  | 137  | P2   | TWD  | 5    | AV6      | +0.13 | TEC  | TEH    |        | 35    | HOT   | 610UL |
| 56   | 147  | 0.20  | 94   | P2   | TWD  | 6    | AV6      | -0.26 | TEC  | TEH    |        | 23    | HOT   | 610UL |
| 56   | 153  | 0.15  | 76   | P2   | TWD  | 8    | AV3      | +0.20 | TEC  | TEH    |        | 20    | HOT   | 610UL |
| 56   | 159  | 0.23  | 120  | P2   | TWD  | 12   | AV7      | +0.15 | TEC  | TEH    |        | 18    | HOT   | 610UL |
|      |      | 0.21  | 113  | P2   | TWD  | 11   | AV2      | -0.15 | TEC  | TEH    |        | 18    | HOT   | 610UL |
| 56   | 161  | 0.76  | 110  | P2   | TWD  | 19   | AV6      | -0.33 | TEC  | TEH    |        | 19    | HOT   | 610UL |
|      |      | 0.20  | 140  | P2   | TWD  | 7    | AV6      | +0.20 | TEC  | TEH    |        | 19    | HOT   | 610UL |
| 57   | 10   | 0.13  | 123  | P2   | TWD  | 7    | AV3      | -0.20 | TEC  | TEH    |        | 58    | HOT   | 610UL |
|      |      | 0.16  | 103  | P2   | TWD  | 9    | AV6      | +0.18 | TEC  | TEH    |        | 58    | HOT   | 610UL |
|      |      | 0.18  | 85   | P2   | TWD  | 9    | AV2      | -0.22 | TEC  | TEH    |        | 58    | HOT   | 610UL |
| 57   | 14   | 0.14  | 139  | P2   | TWD  | 6    | AV6      | +0.11 | TEC  | TEH    |        | 57    | HOT   | 610UL |
| 57   | 20   | 0.18  | 129  | P2   | TWD  | 7    | AV3      | -0.24 | TEC  | TEH    |        | 55    | HOT   | 610UL |
| 57   | 44   | 0.14  | 84   | P2   | TWD  | 5    | AV3      | -0.20 | TEH  | TEC    |        | 16    | COLD  | 610UL |
| 57   | 100  | 0.13  | 112  | P2   | TWD  | 5    | AV6      | +0.20 | TEH  | TEC    |        | 53    | COLD  | 610UL |
| 57   | 102  | 0.21  | 127  | P2   | TWD  | 8    | AV6      | +0.22 | TEH  | TEC    |        | 54    | COLD  | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 57  | 108 | 0.12  | 83  | P2  | TWD | 5   | AV6      | +0.18 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
| 57  | 116 | 0.22  | 92  | P2  | TWD | 10  | AV6      | -0.07 | TEC | TEH  |   |      |   | 40  |   | HOT  | 610UL |
| 57  | 120 | 0.15  | 106 | P2  | TWD | 7   | AV3      | -0.24 | TEC | TEH  |   |      |   | 37  |   | HOT  | 610UL |
| 57  | 142 | 0.17  | 102 | P2  | TWD | 8   | AV6      | +0.22 | TEH | TEC  |   |      |   | 39  |   | COLD | 610UL |
| 57  | 154 | 0.37  | 125 | P2  | TWD | 12  | AV3      | -0.20 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
| 57  | 156 | 0.24  | 99  | P2  | TWD | 8   | AV7      | +0.13 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
| 57  | 160 | 0.20  | 76  | P2  | TWD | 7   | AV7      | +0.18 | TEC | TEH  |   |      |   | 19  |   | HOT  | 610UL |
|     |     | 0.14  | 107 | P2  | TWD | 5   | AV6      | +0.18 | TEC | TEH  |   |      |   | 19  |   | HOT  | 610UL |
|     |     | 0.19  | 73  | P2  | TWD | 7   | AV2      | -0.22 | TEC | TEH  |   |      |   | 19  |   | HOT  | 610UL |
| 58  | 11  | 0.17  | 92  | P2  | TWD | 9   | AV1      | -0.22 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
|     |     | 0.28  | 110 | P2  | TWD | 13  | AV2      | -0.22 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
|     |     | 0.30  | 121 | P2  | TWD | 14  | AV6      | +0.20 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
|     |     | 0.15  | 36  | P2  | TWD | 8   | AV8      | -0.18 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
| 58  | 17  | 0.14  | 136 | P2  | TWD | 6   | AV3      | -0.22 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
|     |     | 0.12  | 94  | P2  | TWD | 5   | AV2      | -0.20 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
| 58  | 35  | 0.12  | 117 | P2  | TWD | 6   | AV3      | +0.24 | TEH | TEC  |   |      |   | 12  |   | COLD | 610UL |
|     |     | 0.10  | 119 | P2  | TWD | 5   | AV6      | -0.20 | TEH | TEC  |   |      |   | 12  |   | COLD | 610UL |
| 58  | 117 | 0.15  | 55  | P2  | TWD | 7   | AV2      | -0.09 | TEC | TEH  |   |      |   | 40  |   | HOT  | 610UL |
| 58  | 127 | 0.13  | 132 | P2  | TWD | 5   | AV6      | -0.02 | TEC | TEH  |   |      |   | 33  |   | HOT  | 610UL |
| 58  | 159 | 0.26  | 95  | P2  | TWD | 9   | AV3      | +0.22 | TEC | TEH  |   |      |   | 19  |   | HOT  | 610UL |
| 59  | 10  | 0.27  | 122 | P2  | TWD | 13  | AV3      | -0.20 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
|     |     | 0.23  | 114 | P2  | TWD | 11  | AV2      | -0.24 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
| 59  | 12  | 0.16  | 63  | P2  | TWD | 8   | AV7      | +0.00 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
|     |     | 0.23  | 117 | P2  | TWD | 11  | AV3      | +0.26 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
|     |     | 0.16  | 88  | P2  | TWD | 9   | AV1      | +0.15 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
| 59  | 14  | 0.14  | 94  | P2  | TWD | 6   | AV6      | +0.15 | TEC | TEH  |   |      |   | 56  |   | HOT  | 610UL |
| 59  | 20  | 0.16  | 126 | P2  | TWD | 8   | AV3      | -0.22 | TEC | TEH  |   |      |   | 54  |   | HOT  | 610UL |
| 59  | 102 | 0.23  | 109 | P2  | TWD | 8   | AV6      | +0.22 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
|     |     | 0.16  | 110 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
| 59  | 108 | 0.14  | 139 | P2  | TWD | 6   | AV3      | +0.09 | TEH | TEC  |   |      |   | 59  |   | COLD | 610UL |
| 59  | 120 | 0.15  | 50  | P2  | TWD | 8   | AV3      | -0.26 | TEC | TEH  |   |      |   | 36  |   | HOT  | 610UL |
| 59  | 148 | 0.18  | 125 | P2  | TWD | 8   | AV6      | -0.04 | TEC | TEH  |   |      |   | 22  |   | HOT  | 610UL |
| 59  | 154 | 0.23  | 103 | P2  | TWD | 11  | AV3      | -0.22 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
| 59  | 156 | 0.24  | 126 | P2  | TWD | 11  | AV7      | +0.13 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
|     |     | 0.18  | 133 | P2  | TWD | 9   | AV6      | +0.15 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
| 59  | 158 | 0.15  | 92  | P2  | TWD | 8   | AV6      | -0.27 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
| 59  | 160 | 0.43  | 118 | P2  | TWD | 18  | AV6      | -0.29 | TEC | TEH  |   |      |   | 18  |   | HOT  | 610UL |
| 60  | 11  | 0.20  | 108 | P2  | TWD | 10  | AV2      | -0.22 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
|     |     | 0.30  | 115 | P2  | TWD | 14  | AV6      | +0.15 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
|     |     | 0.19  | 122 | P2  | TWD | 10  | AV7      | +0.18 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
| 60  | 13  | 0.16  | 154 | P2  | TWD | 6   | AV2      | +0.00 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
| 60  | 17  | 0.13  | 64  | P2  | TWD | 6   | AV2      | -0.22 | TEC | TEH  |   |      |   | 56  |   | HOT  | 610UL |
| 60  | 109 | 0.19  | 123 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
| 60  | 153 | 0.16  | 77  | P2  | TWD | 8   | AV6      | -0.26 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
| 60  | 157 | 0.26  | 102 | P2  | TWD | 9   | AV7      | -0.07 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
| 60  | 159 | 0.19  | 133 | P2  | TWD | 10  | AV6      | +0.15 | TEC | TEH  |   |      |   | 18  |   | HOT  | 610UL |
|     |     | 0.25  | 113 | P2  | TWD | 12  | AV1      | -0.27 | TEC | TEH  |   |      |   | 18  |   | HOT  | 610UL |
| 61  | 10  | 0.14  | 129 | P2  | TWD | 8   | AV6      | +0.15 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
|     |     | 0.18  | 97  | P2  | TWD | 10  | AV3      | -0.15 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
| 61  | 12  | 0.15  |     | P2  | TWD | 8   | AV3      | +0.29 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
| 61  | 14  | 0.15  | 143 | P2  | TWD | 6   | AV8      | -0.07 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
|     |     | 0.18  | 143 | P2  | TWD | 7   | AV7      | +0.00 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
|     |     | 0.15  | 133 | P2  | TWD | 6   | AV6      | +0.00 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
|     |     | 0.14  | 123 | P2  | TWD | 6   | AV3      | +0.00 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
|     |     | 0.13  | 130 | P2  | TWD | 5   | AV2      | -0.24 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
| 61  | 34  | 0.18  | 113 | P2  | TWD | 8   | AV3      | -0.13 | TEH | TEC  |   |      |   | 12  |   | COLD | 610UL |
|     |     | 0.11  | 126 | P2  | TWD | 5   | AV6      | +0.22 | TEH | TEC  |   |      |   | 12  |   | COLD | 610UL |
| 61  | 44  | 0.14  | 130 | P2  | TWD | 5   | AV3      | -0.18 | TEH | TEC  |   |      |   | 16  |   | COLD | 610UL |
| 61  | 102 | 0.23  | 121 | P2  | TWD | 8   | AV6      | +0.24 | TEH | TEC  |   |      |   | 54  |   | COLD | 610UL |
| 61  | 104 | 0.17  | 118 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
| 61  | 108 | 0.16  | 135 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
| 61  | 112 | 0.17  | 135 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 62  |   | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 61  | 116 | 0.19  | 104 | P2  | TWD | 9   | AV2      | +0.00 | TEC | TEH  |   |      |   | 40  |   | HOT  | 610UL |
|     |     | 0.15  | 104 | P2  | TWD | 8   | AV3      | +0.00 | TEC | TEH  |   |      |   | 40  |   | HOT  | 610UL |
|     |     | 0.31  | 111 | P2  | TWD | 14  | AV6      | -0.07 | TEC | TEH  |   |      |   | 40  |   | HOT  | 610UL |
| 61  | 126 | 0.14  | 115 | P2  | TWD | 5   | AV3      | +0.00 | TEC | TEH  |   |      |   | 33  |   | HOT  | 610UL |
| 61  | 142 | 0.22  | 116 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 40  |   | COLD | 610UL |
| 61  | 156 | 0.21  | 77  | P2  | TWD | 7   | AV8      | -0.24 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
|     |     | 0.29  | 110 | P2  | TWD | 10  | AV7      | +0.20 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
| 61  | 158 | 0.24  | 107 | P2  | TWD | 8   | AV7      | +0.16 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
|     |     | 0.24  | 108 | P2  | TWD | 8   | AV3      | +0.27 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
|     |     | 0.20  | 131 | P2  | TWD | 7   | AV2      | -0.20 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
| 62  | 11  | 0.38  | 106 | P2  | TWD | 17  | AV7      | +0.13 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
|     |     | 0.22  | 86  | P2  | TWD | 11  | AV6      | +0.20 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
|     |     | 0.12  | 99  | P2  | TWD | 7   | AV6      | -0.29 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
|     |     | 0.19  | 89  | P2  | TWD | 10  | AV2      | +0.20 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
|     |     | 0.20  | 97  | P2  | TWD | 10  | AV1      | -0.26 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
| 62  | 13  | 0.18  | 115 | P2  | TWD | 8   | AV6      | +0.15 | TEC | TEH  |   |      |   | 56  |   | HOT  | 610UL |
|     |     | 0.16  | 134 | P2  | TWD | 7   | AV3      | -0.24 | TEC | TEH  |   |      |   | 56  |   | HOT  | 610UL |
| 62  | 105 | 0.13  | 144 | P2  | TWD | 5   | AV6      | +0.30 | TEH | TEC  |   |      |   | 55  |   | COLD | 610UL |
| 62  | 109 | 0.19  | 128 | P2  | TWD | 8   | AV3      | +0.09 | TEH | TEC  |   |      |   | 59  |   | COLD | 610UL |
| 62  | 111 | 0.13  | 117 | P2  | TWD | 5   | AV6      | +0.13 | TEH | TEC  |   |      |   | 59  |   | COLD | 610UL |
| 62  | 121 | 0.14  | 129 | P2  | TWD | 6   | AV6      | -0.13 | TEC | TEH  |   |      |   | 37  |   | HOT  | 610UL |
| 62  | 139 | 0.10  | 62  | P2  | TWD | 5   | AV2      | -0.24 | TEC | TEH  |   |      |   | 27  |   | HOT  | 610UL |
| 62  | 153 | 0.20  | 119 | P2  | TWD | 7   | AV6      | +0.18 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
| 62  | 157 | 0.15  | 75  | P2  | TWD | 8   | AV8      | +0.18 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
|     |     | 0.15  | 116 | P2  | TWD | 8   | AV7      | +0.15 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
|     |     | 0.14  | 74  | P2  | TWD | 7   | AV1      | -0.24 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
| 62  | 159 | 0.31  | 124 | P2  | TWD | 10  | AV2      | +0.18 | TEC | TEH  |   |      |   | 19  |   | HOT  | 610UL |
|     |     | 0.22  | 94  | P2  | TWD | 8   | AV1      | -0.24 | TEC | TEH  |   |      |   | 19  |   | HOT  | 610UL |
| 63  | 12  | 0.22  | 93  | P2  | TWD | 11  | AV2      | +0.00 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
|     |     | 0.18  | 93  | P2  | TWD | 9   | AV1      | +0.00 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
| 63  | 18  | 0.17  | 82  | P2  | TWD | 7   | AV3      | +0.00 | TEC | TEH  |   |      |   | 56  |   | HOT  | 610UL |
| 63  | 34  | 0.14  | 135 | P2  | TWD | 6   | AV6      | +0.24 | TEH | TEC  |   |      |   | 11  |   | COLD | 610UL |
| 63  | 98  | 0.26  | 151 | P2  | TWD | 8   | AV3      | -0.02 | TEH | TEC  |   |      |   | 50  |   | COLD | 610UL |
| 63  | 102 | 0.23  | 115 | P2  | TWD | 8   | AV6      | +0.20 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
| 63  | 110 | 0.22  | 123 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
|     |     | 0.09  | 122 | P2  | TWD | 4   | AV7      | +0.00 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
| 63  | 114 | 0.23  | 110 | P2  | TWD | 11  | AV6      | +0.00 | TEC | TEH  |   |      |   | 41  |   | HOT  | 610UL |
| 63  | 136 | 0.09  | 101 | P2  | TWD | 5   | AV7      | +0.18 | TEC | TEH  |   |      |   | 26  |   | HOT  | 610UL |
| 63  | 156 | 0.23  | 118 | P2  | TWD | 11  | AV8      | -0.26 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
|     |     | 0.31  | 110 | P2  | TWD | 14  | AV7      | +0.18 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
|     |     | 0.35  | 119 | P2  | TWD | 15  | AV6      | +0.15 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
|     |     | 0.26  | 121 | P2  | TWD | 12  | AV1      | -0.22 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
| 63  | 158 | 0.13  | 120 | P2  | TWD | 7   | AV7      | +0.11 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
|     |     | 0.22  | 111 | P2  | TWD | 10  | AV6      | -0.29 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
|     |     | 0.37  | 104 | P2  | TWD | 16  | AV2      | +0.18 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
|     |     | 0.13  | 120 | P3  | TWD | 10  | AV7      | +0.11 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
|     |     | 0.22  | 111 | P3  | TWD | 15  | AV6      | -0.29 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
| 64  | 11  | 0.18  | 119 | P2  | TWD | 9   | AV6      | +0.00 | TEC | TEH  |   |      |   | 58  |   | HOT  | 610UL |
| 64  | 13  | 0.16  | 84  | P2  | TWD | 7   | AV6      | -0.29 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
|     |     | 0.21  | 134 | P2  | TWD | 8   | AV3      | +0.00 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
| 64  | 55  | 0.12  | 127 | P2  | TWD | 5   | AV3      | -0.11 | TEH | TEC  |   |      |   | 15  |   | COLD | 610UL |
| 64  | 93  | 0.14  | 143 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 64  | 101 | 0.16  | 133 | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
|     |     | 0.20  | 98  | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
|     |     | 0.16  | 88  | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
| 64  | 105 | 0.25  | 99  | P2  | TWD | 9   | AV6      | +0.04 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
| 64  | 111 | 0.21  | 112 | P2  | TWD | 8   | AV6      | -0.22 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
| 64  | 113 | 0.16  | 133 | P2  | TWD | 7   | AV6      | +0.24 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
| 64  | 115 | 0.24  | 115 | P2  | TWD | 11  | AV3      | +0.00 | TEC | TEH  |   |      |   | 41  |   | HOT  | 610UL |
| 64  | 119 | 0.22  | 126 | P2  | TWD | 9   | AV3      | +0.00 | TEC | TEH  |   |      |   | 37  |   | HOT  | 610UL |
| 64  | 153 | 0.12  | 121 | P2  | TWD | 6   | AV6      | +0.18 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
|     |     | 0.16  | 146 | P2  | TWD | 8   | AV3      | -0.07 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-------|------|-------|
| 65  | 12  | 0.26  | 112 | P2  | TWD | 13  | AV6      | -0.31 | TEC | TEH  |   |      |   | 58    | HOT  | 610UL |
|     |     | 0.26  | 119 | P2  | TWD | 13  | AV3      | +0.26 | TEC | TEH  |   |      |   | 58    | HOT  | 610UL |
|     |     | 0.32  | 105 | P2  | TWD | 15  | AV2      | +0.22 | TEC | TEH  |   |      |   | 58    | HOT  | 610UL |
|     |     | 0.12  | 71  | P2  | TWD | 7   | AV1      | -0.20 | TEC | TEH  |   |      |   | 58    | HOT  | 610UL |
| 65  | 14  | 0.19  | 130 | P2  | TWD | 8   | AV6      | +0.00 | TEC | TEH  |   |      |   | 57    | HOT  | 610UL |
|     |     | 0.28  | 123 | P2  | TWD | 10  | AV3      | +0.00 | TEC | TEH  |   |      |   | 57    | HOT  | 610UL |
|     |     | 0.23  | 142 | P2  | TWD | 9   | AV2      | +0.00 | TEC | TEH  |   |      |   | 57    | HOT  | 610UL |
|     |     | 0.15  | 90  | P2  | TWD | 6   | AV1      | +0.00 | TEC | TEH  |   |      |   | 57    | HOT  | 610UL |
| 65  | 34  | 0.10  | 132 | P2  | TWD | 5   | AV6      | +0.20 | TEH | TEC  |   |      |   | 12    | COLD | 610UL |
| 65  | 94  | 0.15  | 124 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC  |   |      |   | 48    | COLD | 610UL |
| 65  | 96  | 0.20  | 142 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 48    | COLD | 610UL |
| 65  | 98  | 0.22  | 129 | P2  | TWD | 8   | AV6      | +0.20 | TEH | TEC  |   |      |   | 51    | COLD | 610UL |
| 65  | 100 | 0.15  | 105 | P2  | TWD | 6   | AV6      | +0.17 | TEH | TEC  |   |      |   | 53    | COLD | 610UL |
| 65  | 102 | 0.19  | 129 | P2  | TWD | 7   | AV6      | +0.22 | TEH | TEC  |   |      |   | 54    | COLD | 610UL |
| 65  | 106 | 0.13  | 138 | P2  | TWD | 5   | AV3      | +0.02 | TEH | TEC  |   |      |   | 58    | COLD | 610UL |
|     |     | 0.18  | 136 | P2  | TWD | 7   | AV7      | +0.04 | TEH | TEC  |   |      |   | 58    | COLD | 610UL |
| 65  | 108 | 0.29  | 129 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC  |   |      |   | 60    | COLD | 610UL |
|     |     | 0.15  | 131 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC  |   |      |   | 60    | COLD | 610UL |
| 65  | 110 | 0.18  | 117 | P2  | TWD | 7   | AV6      | +0.04 | TEH | TEC  |   |      |   | 59    | COLD | 610UL |
|     |     | 0.17  | 140 | P2  | TWD | 7   | AV7      | +0.06 | TEH | TEC  |   |      |   | 59    | COLD | 610UL |
| 65  | 112 | 0.13  | 143 | P2  | TWD | 5   | AV7      | +0.00 | TEH | TEC  |   |      |   | 62    | COLD | 610UL |
|     |     | 0.22  | 121 | P2  | TWD | 9   | AV6      | +0.22 | TEH | TEC  |   |      |   | 62    | COLD | 610UL |
|     |     | 0.12  | 122 | P2  | TWD | 5   | AV2      | -0.15 | TEH | TEC  |   |      |   | 62    | COLD | 610UL |
| 65  | 116 | 0.23  | 123 | P2  | TWD | 11  | AV3      | -0.02 | TEC | TEH  |   |      |   | 40    | HOT  | 610UL |
|     |     | 0.48  | 117 | P2  | TWD | 18  | AV6      | -0.04 | TEC | TEH  |   |      |   | 40    | HOT  | 610UL |
| 65  | 156 | 0.22  | 103 | P2  | TWD | 8   | AV8      | -0.27 | TEC | TEH  |   |      |   | 21    | HOT  | 610UL |
|     |     | 0.17  | 100 | P2  | TWD | 6   | AV6      | -0.27 | TEC | TEH  |   |      |   | 21    | HOT  | 610UL |
| 65  | 158 | 0.22  | 119 | P2  | TWD | 8   | AV6      | -0.27 | TEC | TEH  |   |      |   | 21    | HOT  | 610UL |
| 66  | 13  | 0.25  | 115 | P2  | TWD | 10  | AV6      | +0.00 | TEC | TEH  |   |      |   | 56    | HOT  | 610UL |
|     |     | 0.15  | 55  | P2  | TWD | 6   | AV1      | +0.15 | TEC | TEH  |   |      |   | 56    | HOT  | 610UL |
| 66  | 15  | 0.15  | 61  | P2  | TWD | 7   | AV1      | +0.00 | TEC | TEH  |   |      |   | 56    | HOT  | 610UL |
| 66  | 43  | 0.13  | 125 | P2  | TWD | 5   | AV6      | -0.11 | TEH | TEC  |   |      |   | 16    | COLD | 610UL |
| 66  | 99  | 0.14  | 136 | P2  | TWD | 6   | AV7      | +0.11 | TEH | TEC  |   |      |   | 51    | COLD | 610UL |
|     |     | 0.31  | 119 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC  |   |      |   | 51    | COLD | 610UL |
|     |     | 0.16  | 98  | P2  | TWD | 6   | AV3      | +0.09 | TEH | TEC  |   |      |   | 51    | COLD | 610UL |
| 66  | 101 | 0.14  | 117 | P2  | TWD | 5   | AV6      | -0.28 | TEH | TEC  |   |      |   | 54    | COLD | 610UL |
| 66  | 103 | 0.18  | 137 | P2  | TWD | 7   | AV6      | -0.26 | TEH | TEC  |   |      |   | 55    | COLD | 610UL |
| 66  | 105 | 0.22  | 148 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |   |      |   | 55    | COLD | 610UL |
| 66  | 107 | 0.23  | 109 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC  |   |      |   | 57    | COLD | 610UL |
| 66  | 111 | 0.24  | 109 | P2  | TWD | 9   | AV2      | +0.02 | TEH | TEC  |   |      |   | 59    | COLD | 610UL |
|     |     | 0.28  | 111 | P2  | TWD | 11  | AV3      | +0.02 | TEH | TEC  |   |      |   | 59    | COLD | 610UL |
|     |     | 0.13  | 137 | P2  | TWD | 5   | AV6      | +0.28 | TEH | TEC  |   |      |   | 59    | COLD | 610UL |
| 66  | 113 | 0.23  | 76  | P2  | TWD | 9   | AV3      | +0.11 | TEH | TEC  |   |      |   | 44    | COLD | 610UL |
|     |     | 0.22  | 104 | P2  | TWD | 9   | AV6      | +0.02 | TEH | TEC  |   |      |   | 44    | COLD | 610UL |
| 66  | 115 | 0.19  | 69  | P2  | TWD | 9   | AV3      | +0.00 | TEC | TEH  |   |      |   | 41    | HOT  | 610UL |
| 66  | 117 | 0.18  | 97  | P2  | TWD | 9   | AV6      | -0.02 | TEC | TEH  |   |      |   | 40    | HOT  | 610UL |
| 66  | 145 | 0.14  | 142 | P2  | TWD | 7   | AV1      | +0.02 | TEC | TEH  |   |      |   | 22    | HOT  | 610UL |
|     |     | 0.15  | 60  | P2  | TWD | 7   | AV8      | -0.11 | TEC | TEH  |   |      |   | 22    | HOT  | 610UL |
| 66  | 153 | 0.21  | 132 | P2  | TWD | 7   | AV6      | +0.18 | TEC | TEH  |   |      |   | 21    | HOT  | 610UL |
| 66  | 155 | 0.13  | 118 | P2  | TWD | 7   | AV8      | -0.24 | TEC | TEH  |   |      |   | 20    | HOT  | 610UL |
|     |     | 0.20  | 108 | P2  | TWD | 10  | AV1      | +0.18 | TEC | TEH  |   |      |   | 20    | HOT  | 610UL |
| 66  | 157 | 0.14  | 102 | P2  | TWD | 7   | AV8      | +0.18 | TEC | TEH  |   |      |   | 20    | HOT  | 610UL |
|     |     | 0.27  | 119 | P2  | TWD | 12  | AV3      | +0.20 | TEC | TEH  |   |      |   | 20    | HOT  | 610UL |
|     |     | 0.17  | 105 | P2  | TWD | 8   | AV1      | -0.27 | TEC | TEH  |   |      |   | 20    | HOT  | 610UL |
| 67  | 76  | 0.20  | 129 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |   |      |   | 27    | COLD | 610UL |
| 67  | 96  | 0.13  | 149 | P2  | TWD | 5   | AV7      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.15  | 150 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
| 67  | 100 | 0.27  | 124 | P2  | TWD | 7   | AV6      | +0.17 | TEH | TEC  |   |      |   | 52    | COLD | 610UL |
| 67  | 102 | 0.24  | 108 | P2  | TWD | 9   | AV6      | +0.20 | TEH | TEC  |   |      |   | 53    | COLD | 610UL |
|     |     | 0.25  | 119 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC  |   |      |   | 53    | COLD | 610UL |
| 67  | 104 | 0.18  | 151 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |   |      |   | 55    | COLD | 610UL |
|     |     | 0.21  | 149 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |   |      |   | 55    | COLD | 610UL |
|     |     | 0.16  | 134 | P2  | TWD | 6   | AV6      | +0.28 | TEH | TEC  |   |      |   | 55    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW   | COL   | VOLTS | DEG   | CHN   | IND   | %TW   | LOCATION | EXT   | EXT   | UTIL  | 1     | UTIL  | 2     | CAL   | #     | LEG   | PROBE |
|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ===== | ===== | ===== | ===== | ===== | ===== | ===== | =====    | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| 67    | 108   | 0.15  | 125   | P2    | TWD   | 6     | AV2      | +0.09 | TEH   | TEC   |       |       |       | 59    |       | COLD  | 610UL |
|       |       | 0.21  | 140   | P2    | TWD   | 8     | AV3      | +0.09 | TEH   | TEC   |       |       |       | 59    |       | COLD  | 610UL |
| 67    | 110   | 0.15  | 114   | P2    | TWD   | 6     | AV2      | +0.00 | TEH   | TEC   |       |       |       | 60    |       | COLD  | 610UL |
|       |       | 0.23  | 105   | P2    | TWD   | 9     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 60    |       | COLD  | 610UL |
|       |       | 0.19  | 121   | P2    | TWD   | 7     | AV6      | +0.00 | TEH   | TEC   |       |       |       | 60    |       | COLD  | 610UL |
| 67    | 112   | 0.14  | 136   | P2    | TWD   | 6     | AV6      | +0.09 | TEH   | TEC   |       |       |       | 61    |       | COLD  | 610UL |
|       |       | 0.22  | 147   | P2    | TWD   | 8     | AV2      | +0.00 | TEH   | TEC   |       |       |       | 61    |       | COLD  | 610UL |
|       |       | 0.14  | 125   | P2    | TWD   | 6     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 61    |       | COLD  | 610UL |
| 67    | 122   | 0.12  | 117   | P2    | TWD   | 6     | AV6      | +0.22 | TEC   | TEH   |       |       |       | 34    |       | HOT   | 610UL |
| 67    | 140   | 0.09  | 128   | P2    | TWD   | 4     | AV6      | +0.11 | TEC   | TEH   |       |       |       | 24    |       | HOT   | 610UL |
| 67    | 142   | 0.13  | 106   | P2    | TWD   | 6     | AV8      | -0.22 | TEC   | TEH   |       |       |       | 24    |       | HOT   | 610UL |
|       |       | 0.11  | 119   | P2    | TWD   | 6     | AV6      | +0.18 | TEC   | TEH   |       |       |       | 24    |       | HOT   | 610UL |
|       |       | 0.17  | 114   | P2    | TWD   | 8     | AV2      | -0.02 | TEC   | TEH   |       |       |       | 24    |       | HOT   | 610UL |
| 67    | 152   | 0.16  | 85    | P2    | TWD   | 8     | AV1      | +0.15 | TEC   | TEH   |       |       |       | 20    |       | HOT   | 610UL |
| 67    | 154   | 0.17  | 100   | P2    | TWD   | 9     | AV1      | +0.18 | TEC   | TEH   |       |       |       | 20    |       | HOT   | 610UL |
| 67    | 156   | 0.12  | 53    | P2    | TWD   | 6     | AV8      | -0.24 | TEC   | TEH   |       |       |       | 20    |       | HOT   | 610UL |
|       |       | 0.16  | 77    | P2    | TWD   | 8     | AV6      | -0.29 | TEC   | TEH   |       |       |       | 20    |       | HOT   | 610UL |
|       |       | 0.12  | 100   | P2    | TWD   | 6     | AV2      | +0.18 | TEC   | TEH   |       |       |       | 20    |       | HOT   | 610UL |
| 67    | 158   | 0.11  | 124   | P2    | TWD   | 6     | AV7      | +0.11 | TEC   | TEH   |       |       |       | 20    |       | HOT   | 610UL |
|       |       | 0.12  | 94    | P2    | TWD   | 6     | AV1      | -0.27 | TEC   | TEH   |       |       |       | 20    |       | HOT   | 610UL |
| 68    | 13    | 0.18  | 132   | P2    | TWD   | 7     | AV6      | -0.29 | TEC   | TEH   |       |       |       | 57    |       | HOT   | 610UL |
|       |       | 0.13  | 105   | P2    | TWD   | 5     | AV1      | +0.00 | TEC   | TEH   |       |       |       | 57    |       | HOT   | 610UL |
| 68    | 17    | 0.13  | 73    | P2    | TWD   | 6     | AV2      | +0.00 | TEC   | TEH   |       |       |       | 56    |       | HOT   | 610UL |
| 68    | 55    | 0.13  | 141   | P2    | TWD   | 5     | AV3      | -0.15 | TEH   | TEC   |       |       |       | 15    |       | COLD  | 610UL |
| 68    | 63    | 0.14  | 119   | P2    | TWD   | 6     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 20    |       | COLD  | 610UL |
|       |       | 0.17  | 133   | P2    | TWD   | 7     | AV7      | +0.09 | TEH   | TEC   |       |       |       | 20    |       | COLD  | 610UL |
| 68    | 67    | 0.19  | 141   | P2    | TWD   | 8     | AV6      | +0.07 | TEH   | TEC   |       |       |       | 22    |       | COLD  | 610UL |
| 68    | 75    | 0.20  | 130   | P2    | TWD   | 8     | AV2      | +0.00 | TEH   | TEC   |       |       |       | 28    |       | COLD  | 610UL |
|       |       | 0.28  | 118   | P2    | TWD   | 11    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 28    |       | COLD  | 610UL |
|       |       | 0.27  | 121   | P2    | TWD   | 10    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 28    |       | COLD  | 610UL |
| 68    | 89    | 0.17  | 120   | P2    | TWD   | 6     | AV3      | -0.09 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
| 68    | 99    | 0.27  | 150   | P2    | TWD   | 8     | AV6      | +0.00 | TEH   | TEC   |       |       |       | 50    |       | COLD  | 610UL |
|       |       | 0.22  | 161   | P2    | TWD   | 7     | AV3      | +0.00 | TEH   | TEC   | LAR   |       |       | 50    |       | COLD  | 610UL |
| 68    | 101   | 0.19  | 117   | P2    | TWD   | 7     | AV2      | +0.04 | TEH   | TEC   |       |       |       | 53    |       | COLD  | 610UL |
|       |       | 0.20  | 119   | P2    | TWD   | 8     | AV6      | +0.07 | TEH   | TEC   |       |       |       | 53    |       | COLD  | 610UL |
| 68    | 103   | 0.16  | 126   | P2    | TWD   | 7     | AV7      | +0.02 | TEH   | TEC   |       |       |       | 56    |       | COLD  | 610UL |
|       |       | 0.21  | 122   | P2    | TWD   | 8     | AV3      | -0.09 | TEH   | TEC   |       |       |       | 56    |       | COLD  | 610UL |
| 68    | 105   | 0.15  | 90    | P2    | TWD   | 6     | AV6      | +0.22 | TEH   | TEC   |       |       |       | 56    |       | COLD  | 610UL |
|       |       | 0.22  | 98    | P2    | TWD   | 9     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 56    |       | COLD  | 610UL |
| 68    | 107   | 0.12  | 117   | P2    | TWD   | 5     | AV6      | +0.07 | TEH   | TEC   |       |       |       | 58    |       | COLD  | 610UL |
| 68    | 109   | 0.14  | 118   | P2    | TWD   | 6     | AV7      | +0.00 | TEH   | TEC   |       |       |       | 60    |       | COLD  | 610UL |
|       |       | 0.15  | 137   | P2    | TWD   | 6     | AV6      | +0.00 | TEH   | TEC   |       |       |       | 60    |       | COLD  | 610UL |
| 68    | 111   | 0.14  | 105   | P2    | TWD   | 6     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 60    |       | COLD  | 610UL |
|       |       | 0.32  | 120   | P2    | TWD   | 11    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 60    |       | COLD  | 610UL |
|       |       | 0.12  | 124   | P2    | TWD   | 5     | AV7      | +0.00 | TEH   | TEC   |       |       |       | 60    |       | COLD  | 610UL |
| 68    | 113   | 0.12  | 99    | P2    | TWD   | 5     | AV2      | +0.09 | TEH   | TEC   |       |       |       | 45    |       | COLD  | 610UL |
|       |       | 0.15  | 134   | P2    | TWD   | 7     | AV7      | +0.04 | TEH   | TEC   |       |       |       | 45    |       | COLD  | 610UL |
| 68    | 115   | 0.20  | 117   | P2    | TWD   | 10    | AV7      | +0.00 | TEC   | TEH   |       |       |       | 41    |       | HOT   | 610UL |
|       |       | 0.33  | 112   | P2    | TWD   | 14    | AV6      | +0.00 | TEC   | TEH   |       |       |       | 41    |       | HOT   | 610UL |
|       |       | 0.22  | 140   | P2    | TWD   | 10    | AV3      | +0.00 | TEC   | TEH   |       |       |       | 41    |       | HOT   | 610UL |
| 68    | 153   | 0.20  | 114   | P2    | TWD   | 10    | AV6      | +0.18 | TEC   | TEH   |       |       |       | 20    |       | HOT   | 610UL |
|       |       | 0.16  | 106   | P2    | TWD   | 8     | AV3      | +0.18 | TEC   | TEH   |       |       |       | 20    |       | HOT   | 610UL |
|       |       | 0.19  | 98    | P2    | TWD   | 9     | AV1      | +0.11 | TEC   | TEH   |       |       |       | 20    |       | HOT   | 610UL |
| 68    | 155   | 0.43  | 114   | P2    | TWD   | 13    | AV8      | -0.18 | TEC   | TEH   |       |       |       | 21    |       | HOT   | 610UL |
|       |       | 0.36  | 127   | P2    | TWD   | 11    | AV7      | -0.22 | TEC   | TEH   |       |       |       | 21    |       | HOT   | 610UL |
|       |       | 0.20  | 100   | P2    | TWD   | 7     | AV6      | -0.27 | TEC   | TEH   |       |       |       | 21    |       | HOT   | 610UL |
|       |       | 0.42  | 129   | P2    | TWD   | 13    | AV3      | +0.02 | TEC   | TEH   |       |       |       | 21    |       | HOT   | 610UL |
|       |       | 0.20  | 146   | P2    | TWD   | 7     | AV1      | -0.07 | TEC   | TEH   |       |       |       | 21    |       | HOT   | 610UL |
| 68    | 157   | 0.19  | 97    | P2    | TWD   | 7     | AV8      | +0.16 | TEC   | TEH   |       |       |       | 21    |       | HOT   | 610UL |
|       |       | 0.27  | 98    | P2    | TWD   | 9     | AV7      | -0.29 | TEC   | TEH   |       |       |       | 21    |       | HOT   | 610UL |
|       |       | 0.32  | 115   | P2    | TWD   | 11    | AV6      | -0.31 | TEC   | TEH   |       |       |       | 21    |       | HOT   | 610UL |
|       |       | 0.25  | 110   | P2    | TWD   | 8     | AV3      | +0.20 | TEC   | TEH   |       |       |       | 21    |       | HOT   | 610UL |
|       |       | 0.24  | 131   | P2    | TWD   | 8     | AV1      | -0.16 | TEC   | TEH   |       |       |       | 21    |       | HOT   | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 69  | 14  | 0.21  | 108 | P2  | TWD | 8   | AV3      | +0.15 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
|     |     | 0.19  | 102 | P2  | TWD | 7   | AV2      | +0.07 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
| 69  | 56  | 0.22  | 133 | P2  | TWD | 8   | AV2      | +0.09 | TEH | TEC  |   |      |   | 16  |   | COLD | 610UL |
| 69  | 76  | 0.20  | 125 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
| 69  | 88  | 0.18  | 135 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 69  | 94  | 0.18  | 132 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 69  | 96  | 0.20  | 147 | P2  | TWD | 7   | AV3      | +0.22 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 69  | 98  | 0.14  | 120 | P2  | TWD | 5   | AV6      | +0.07 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
|     |     | 0.23  | 133 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
|     |     | 0.22  | 134 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
| 69  | 100 | 0.26  | 110 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
|     |     | 0.19  | 124 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
| 69  | 104 | 0.21  | 122 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
|     |     | 0.18  | 122 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
|     |     | 0.16  | 107 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
| 69  | 106 | 0.13  | 116 | P2  | TWD | 5   | AV6      | +0.04 | TEH | TEC  |   |      |   | 58  |   | COLD | 610UL |
|     |     | 0.15  | 120 | P2  | TWD | 6   | AV7      | +0.04 | TEH | TEC  |   |      |   | 58  |   | COLD | 610UL |
| 69  | 108 | 0.19  | 128 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
|     |     | 0.24  | 126 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
|     |     | 0.31  | 116 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
| 69  | 112 | 0.12  | 103 | P2  | TWD | 5   | AV6      | +0.17 | TEH | TEC  |   |      |   | 62  |   | COLD | 610UL |
| 69  | 114 | 0.13  | 103 | P2  | TWD | 7   | AV6      | +0.00 | TEC | TEH  |   |      |   | 41  |   | HOT  | 610UL |
| 69  | 124 | 0.15  | 128 | P2  | TWD | 7   | AV3      | -0.02 | TEC | TEH  |   |      |   | 35  |   | HOT  | 610UL |
| 69  | 152 | 0.26  | 100 | P2  | TWD | 9   | AV6      | -0.29 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
| 69  | 154 | 0.25  | 136 | P2  | TWD | 8   | AV3      | +0.02 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
|     |     | 0.22  | 124 | P2  | TWD | 8   | AV2      | +0.00 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
|     |     | 0.22  | 101 | P2  | TWD | 8   | AV1      | +0.15 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
| 69  | 156 | 0.20  | 117 | P2  | TWD | 7   | AV8      | +0.18 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
|     |     | 0.36  | 114 | P2  | TWD | 12  | AV6      | -0.27 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
|     |     | 0.18  | 136 | P2  | TWD | 6   | AV3      | +0.27 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
| 70  | 15  | 0.26  | 124 | P2  | TWD | 11  | AV7      | +0.00 | TEC | TEH  |   |      |   | 56  |   | HOT  | 610UL |
| 70  | 17  | 0.20  | 112 | P2  | TWD | 8   | AV2      | +0.00 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
| 70  | 91  | 0.18  | 127 | P2  | TWD | 6   | AV7      | -0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.19  | 139 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.15  | 131 | P2  | TWD | 5   | AV2      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 70  | 95  | 0.14  | 86  | P2  | TWD | 5   | AV3      | +0.24 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.21  | 147 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
| 70  | 97  | 0.36  | 142 | P2  | TWD | 10  | AV3      | +0.02 | TEH | TEC  |   |      |   | 50  |   | COLD | 610UL |
|     |     | 0.24  | 157 | P2  | TWD | 7   | AV6      | +0.04 | TEH | TEC  |   |      |   | 50  |   | COLD | 610UL |
| 70  | 105 | 0.23  | 142 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 55  |   | COLD | 610UL |
|     |     | 0.36  | 140 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC  |   |      |   | 55  |   | COLD | 610UL |
|     |     | 0.18  | 156 | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC  |   |      |   | 55  |   | COLD | 610UL |
| 70  | 109 | 0.15  | 111 | P2  | TWD | 6   | AV8      | +0.09 | TEH | TEC  |   |      |   | 59  |   | COLD | 610UL |
| 70  | 117 | 0.18  | 103 | P2  | TWD | 9   | AV2      | +0.04 | TEC | TEH  |   |      |   | 40  |   | HOT  | 610UL |
| 70  | 123 | 0.40  | 125 | P2  | TWD | 16  | AV6      | +0.07 | TEC | TEH  |   |      |   | 34  |   | HOT  | 610UL |
|     |     | 0.18  | 117 | P2  | TWD | 9   | AV3      | +0.00 | TEC | TEH  |   |      |   | 34  |   | HOT  | 610UL |
| 71  | 14  | 0.17  | 102 | P2  | TWD | 7   | AV3      | +0.00 | TEC | TEH  |   |      |   | 56  |   | HOT  | 610UL |
|     |     | 0.21  | 105 | P2  | TWD | 9   | AV2      | +0.00 | TEC | TEH  |   |      |   | 56  |   | HOT  | 610UL |
| 71  | 18  | 0.14  | 124 | P2  | TWD | 6   | AV4      | +0.26 | TEC | TEH  |   |      |   | 56  |   | HOT  | 610UL |
| 71  | 74  | 0.16  | 129 | P2  | TWD | 7   | AV4      | +0.26 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
| 71  | 76  | 0.23  | 131 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
|     |     | 0.19  | 137 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
| 71  | 78  | 0.15  | 148 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
| 71  | 96  | 0.14  | 151 | P2  | TWD | 5   | AV7      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.15  | 142 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.30  | 133 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
| 71  | 98  | 0.24  | 155 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 50  |   | COLD | 610UL |
|     |     | 0.26  | 122 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |   |      |   | 50  |   | COLD | 610UL |
| 71  | 102 | 0.26  | 106 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
|     |     | 0.32  | 127 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
|     |     | 0.17  | 110 | P2  | TWD | 7   | AV1      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
| 71  | 104 | 0.15  | 107 | P2  | TWD | 6   | AV6      | +0.26 | TEH | TEC  |   |      |   | 55  |   | COLD | 610UL |
| 71  | 108 | 0.28  | 135 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC  |   |      |   | 59  |   | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 71  | 116 | 0.15  | 101 | P2  | TWD | 8   | AV1      | +0.02 | TEC | TEH  |   |      |   | 40  |   | HOT  | 610UL |
|     |     | 0.19  | 105 | P2  | TWD | 9   | AV2      | +0.00 | TEC | TEH  |   |      |   | 40  |   | HOT  | 610UL |
|     |     | 0.16  | 106 | P2  | TWD | 8   | AV3      | +0.00 | TEC | TEH  |   |      |   | 40  |   | HOT  | 610UL |
| 71  | 152 | 0.15  | 92  | P2  | TWD | 8   | AV8      | -0.22 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
|     |     | 0.12  | 105 | P2  | TWD | 6   | AV6      | -0.24 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
| 72  | 15  | 0.15  | 104 | P2  | TWD | 6   | AV3      | +0.18 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
| 72  | 75  | 0.17  | 137 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
|     |     | 0.16  | 123 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
|     |     | 0.20  | 108 | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
|     |     | 0.14  | 109 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
| 72  | 79  | 0.20  | 130 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
|     |     | 0.20  | 116 | P2  | TWD | 8   | AV8      | +0.02 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
| 72  | 89  | 0.13  | 139 | P2  | TWD | 5   | AV6      | +0.11 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.13  | 104 | P2  | TWD | 5   | AV3      | -0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 72  | 91  | 0.16  | 143 | P2  | TWD | 6   | AV8      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.14  | 128 | P2  | TWD | 5   | AV6      | +0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.29  | 129 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.15  | 112 | P2  | TWD | 5   | AV2      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.12  | 129 | P2  | TWD | 5   | AV7      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 72  | 93  | 0.24  | 129 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 72  | 95  | 0.13  | 130 | P2  | TWD | 5   | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.15  | 141 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 72  | 97  | 0.18  | 129 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
| 72  | 101 | 0.20  | 131 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
| 72  | 103 | 0.24  | 116 | P2  | TWD | 9   | AV8      | -0.04 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
|     |     | 0.13  | 110 | P2  | TWD | 5   | AV7      | +0.00 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
|     |     | 0.16  | 120 | P2  | TWD | 6   | AV6      | +0.15 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
|     |     | 0.23  | 117 | P2  | TWD | 9   | AV5      | -0.07 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
|     |     | 0.29  | 103 | P2  | TWD | 11  | AV3      | +0.04 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
| 72  | 105 | 0.40  | 105 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
|     |     | 0.15  | 122 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
| 72  | 107 | 0.19  | 126 | P2  | TWD | 8   | AV6      | +0.04 | TEH | TEC  |   |      |   | 58  |   | COLD | 610UL |
| 72  | 109 | 0.18  | 122 | P2  | TWD | 7   | AV2      | -0.02 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
|     |     | 0.18  | 131 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
|     |     | 0.24  | 117 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
|     |     | 0.31  | 138 | P2  | TWD | 11  | AV6      | -0.20 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
|     |     | 0.13  | 133 | P2  | TWD | 5   | AV7      | +0.00 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
| 72  | 117 | 0.23  | 125 | P2  | TWD | 11  | AV2      | -0.04 | TEC | TEH  |   |      |   | 40  |   | HOT  | 610UL |
| 72  | 151 | 0.15  | 123 | P2  | TWD | 5   | AV3      | -0.20 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
| 72  | 153 | 0.21  | 92  | P2  | TWD | 10  | AV1      | -0.22 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
| 73  | 18  | 0.26  | 137 | P2  | TWD | 9   | AV1      | -0.04 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
|     |     | 0.26  | 129 | P2  | TWD | 9   | AV4      | +0.18 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
| 73  | 74  | 0.21  | 139 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
| 73  | 76  | 0.16  | 128 | P2  | TWD | 7   | AV1      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
|     |     | 0.30  | 119 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
| 73  | 86  | 0.14  | 135 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
|     |     | 0.11  | 135 | P2  | TWD | 5   | AV2      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
| 73  | 88  | 0.16  | 134 | P2  | TWD | 6   | AV7      | -0.02 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.17  | 140 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.17  | 134 | P2  | TWD | 6   | AV5      | -0.20 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.13  | 123 | P2  | TWD | 5   | AV4      | +0.18 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 73  | 92  | 0.17  | 117 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.15  | 129 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.14  | 139 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 73  | 94  | 0.15  | 135 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.16  | 142 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.16  | 127 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 73  | 96  | 0.19  | 138 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.20  | 120 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 73  | 98  | 0.22  | 132 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
|     |     | 0.18  | 90  | P2  | TWD | 7   | AV6      | +0.24 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
| 73  | 100 | 0.28  | 122 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
|     |     | 0.42  | 118 | P2  | TWD | 14  | AV4      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-------|------|-------|
| 73  | 102 | 0.27  | 135 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC  |   |      |   | 54    | COLD | 610UL |
|     |     | 0.22  | 147 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |   |      |   | 54    | COLD | 610UL |
| 73  | 104 | 0.29  | 114 | P2  | TWD | 11  | AV5      | -0.31 | TEH | TEC  |   |      |   | 56    | COLD | 610UL |
|     |     | 0.15  | 116 | P2  | TWD | 6   | AV4      | +0.15 | TEH | TEC  |   |      |   | 56    | COLD | 610UL |
|     |     | 0.17  | 123 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 56    | COLD | 610UL |
|     |     | 0.23  | 131 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 56    | COLD | 610UL |
|     |     | 0.35  | 117 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC  |   |      |   | 56    | COLD | 610UL |
| 73  | 106 | 0.15  | 138 | P2  | TWD | 6   | AV1      | +0.02 | TEH | TEC  |   |      |   | 58    | COLD | 610UL |
| 73  | 108 | 0.14  | 128 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC  |   |      |   | 60    | COLD | 610UL |
|     |     | 0.30  | 125 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC  |   |      |   | 60    | COLD | 610UL |
|     |     | 0.09  | 130 | P2  | TWD | 4   | AV4      | +0.00 | TEH | TEC  |   |      |   | 60    | COLD | 610UL |
|     |     | 0.09  | 66  | P2  | TWD | 4   | AV2      | +0.13 | TEH | TEC  |   |      |   | 60    | COLD | 610UL |
|     |     | 0.19  | 128 | P2  | TWD | 7   | AV6      | -0.09 | TEH | TEC  |   |      |   | 60    | COLD | 610UL |
|     |     | 0.11  | 135 | P2  | TWD | 4   | AV7      | +0.00 | TEH | TEC  |   |      |   | 60    | COLD | 610UL |
| 73  | 112 | 0.13  | 131 | P2  | TWD | 6   | AV4      | +0.26 | TEH | TEC  |   |      |   | 62    | COLD | 610UL |
| 73  | 128 | 0.14  | 120 | P2  | TWD | 5   | AV2      | +0.00 | TEC | TEH  |   |      |   | 33    | HOT  | 610UL |
| 74  | 17  | 0.23  | 141 | P2  | TWD | 8   | AV1      | -0.07 | TEC | TEH  |   |      |   | 57    | HOT  | 610UL |
|     |     | 0.25  | 145 | P2  | TWD | 9   | AV2      | +0.15 | TEC | TEH  |   |      |   | 57    | HOT  | 610UL |
|     |     | 0.22  | 134 | P2  | TWD | 8   | AV6      | -0.04 | TEC | TEH  |   |      |   | 57    | HOT  | 610UL |
| 74  | 67  | 0.15  | 129 | P2  | TWD | 7   | AV5      | -0.11 | TEH | TEC  |   |      |   | 21    | COLD | 610UL |
|     |     | 0.18  | 122 | P2  | TWD | 8   | AV6      | +0.02 | TEH | TEC  |   |      |   | 21    | COLD | 610UL |
| 74  | 69  | 0.18  | 142 | P2  | TWD | 7   | AV4      | +0.04 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
| 74  | 71  | 0.19  | 134 | P2  | TWD | 8   | AV7      | +0.02 | TEH | TEC  |   |      |   | 30    | COLD | 610UL |
| 74  | 73  | 0.16  | 79  | P2  | TWD | 7   | AV2      | +0.07 | TEH | TEC  |   |      |   | 29    | COLD | 610UL |
|     |     | 0.20  | 108 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |   |      |   | 29    | COLD | 610UL |
| 74  | 75  | 0.25  | 129 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC  |   |      |   | 27    | COLD | 610UL |
| 74  | 77  | 0.20  | 131 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |   |      |   | 27    | COLD | 610UL |
|     |     | 0.22  | 130 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |   |      |   | 27    | COLD | 610UL |
|     |     | 0.15  | 114 | P2  | TWD | 7   | AV7      | -0.02 | TEH | TEC  |   |      |   | 27    | COLD | 610UL |
| 74  | 81  | 0.16  | 140 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 25    | COLD | 610UL |
|     |     | 0.11  | 138 | P2  | TWD | 5   | AV4      | +0.15 | TEH | TEC  |   |      |   | 25    | COLD | 610UL |
| 74  | 83  | 0.14  | 142 | P2  | TWD | 6   | AV3      | +0.02 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
| 74  | 85  | 0.17  | 93  | P2  | TWD | 7   | AV4      | +0.07 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
|     |     | 0.15  | 134 | P2  | TWD | 6   | AV5      | +0.04 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
| 74  | 89  | 0.22  | 125 | P2  | TWD | 8   | AV7      | +0.07 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.26  | 133 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.14  | 136 | P2  | TWD | 5   | AV5      | +0.02 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.14  | 119 | P2  | TWD | 5   | AV4      | +0.02 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.26  | 120 | P2  | TWD | 9   | AV3      | -0.07 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.17  | 137 | P2  | TWD | 6   | AV2      | -0.02 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
| 74  | 91  | 0.18  | 138 | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.14  | 138 | P2  | TWD | 5   | AV3      | +0.00 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
| 74  | 93  | 0.18  | 141 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.17  | 146 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
| 74  | 95  | 0.35  | 129 | P2  | TWD | 12  | AV4      | +0.15 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.43  | 130 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.23  | 142 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
| 74  | 97  | 0.34  | 139 | P2  | TWD | 10  | AV3      | -0.02 | TEH | TEC  |   |      |   | 50    | COLD | 610UL |
|     |     | 0.21  | 155 | P2  | TWD | 6   | AV4      | +0.30 | TEH | TEC  |   |      |   | 50    | COLD | 610UL |
| 74  | 99  | 0.13  | 92  | P2  | TWD | 5   | AV6      | -0.15 | TEH | TEC  |   |      |   | 51    | COLD | 610UL |
|     |     | 0.12  | 123 | P2  | TWD | 5   | AV5      | -0.11 | TEH | TEC  |   |      |   | 51    | COLD | 610UL |
|     |     | 0.19  | 114 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 51    | COLD | 610UL |
|     |     | 0.23  | 116 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 51    | COLD | 610UL |
|     |     | 0.13  | 117 | P2  | TWD | 5   | AV1      | +0.22 | TEH | TEC  |   |      |   | 51    | COLD | 610UL |
| 74  | 103 | 0.26  | 145 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC  |   |      |   | 55    | COLD | 610UL |
| 74  | 107 | 0.12  | 114 | P2  | TWD | 5   | AV3      | +0.00 | TEH | TEC  |   |      |   | 57    | COLD | 610UL |
| 74  | 109 | 0.29  | 110 | P2  | TWD | 11  | AV5      | +0.06 | TEH | TEC  |   |      |   | 59    | COLD | 610UL |
|     |     | 0.26  | 125 | P2  | TWD | 10  | AV6      | +0.09 | TEH | TEC  |   |      |   | 59    | COLD | 610UL |
|     |     | 0.22  | 129 | P2  | TWD | 9   | AV7      | +0.09 | TEH | TEC  |   |      |   | 59    | COLD | 610UL |
|     |     | 0.22  | 117 | P2  | TWD | 9   | AV8      | +0.09 | TEH | TEC  |   |      |   | 59    | COLD | 610UL |
| 74  | 111 | 0.20  | 129 | P2  | TWD | 8   | AV5      | +0.02 | TEH | TEC  |   |      |   | 59    | COLD | 610UL |
|     |     | 0.15  | 118 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC  |   |      |   | 59    | COLD | 610UL |
|     |     | 0.16  | 121 | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC  |   |      |   | 59    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 74  | 117 | 0.16  | 109 | P2  | TWD | 8   | AV2      | -0.09 | TEC | TEH  |   |      |   | 40  |   | HOT  | 610UL |
| 74  | 139 | 0.14  | 121 | P2  | TWD | 6   | AV2      | +0.00 | TEC | TEH  |   |      |   | 27  |   | HOT  | 610UL |
| 74  | 153 | 0.16  | 64  | P2  | TWD | 6   | AV8      | -0.15 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
|     |     | 0.22  | 121 | P2  | TWD | 8   | AV1      | -0.27 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
|     |     | 0.16  | 127 | P2  | TWD | 6   | AV5      | -0.15 | TEC | TEH  |   |      |   | 21  |   | HOT  | 610UL |
| 75  | 18  | 0.15  | 136 | P2  | TWD | 7   | AV6      | +0.00 | TEC | TEH  |   |      |   | 56  |   | HOT  | 610UL |
|     |     | 0.22  | 113 | P2  | TWD | 9   | AV4      | +0.00 | TEC | TEH  |   |      |   | 56  |   | HOT  | 610UL |
|     |     | 0.19  | 106 | P2  | TWD | 8   | AV2      | +0.00 | TEC | TEH  |   |      |   | 56  |   | HOT  | 610UL |
| 75  | 56  | 0.13  | 86  | P2  | TWD | 5   | AV4      | +0.22 | TEH | TEC  |   |      |   | 15  |   | COLD | 610UL |
| 75  | 72  | 0.16  | 88  | P2  | TWD | 7   | AV4      | +0.02 | TEH | TEC  |   |      |   | 29  |   | COLD | 610UL |
|     |     | 0.15  | 124 | P2  | TWD | 6   | AV5      | -0.11 | TEH | TEC  |   |      |   | 29  |   | COLD | 610UL |
|     |     | 0.15  | 83  | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC  |   |      |   | 29  |   | COLD | 610UL |
| 75  | 76  | 0.15  | 130 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
|     |     | 0.24  | 131 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
|     |     | 0.22  | 118 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
| 75  | 78  | 0.15  | 141 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.16  | 126 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
| 75  | 84  | 0.17  | 126 | P2  | TWD | 7   | AV3      | +0.02 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
| 75  | 86  | 0.21  | 114 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.20  | 126 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.24  | 111 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
| 75  | 90  | 0.16  | 129 | P2  | TWD | 6   | AV5      | +0.04 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.13  | 88  | P2  | TWD | 5   | AV2      | -0.22 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 75  | 92  | 0.19  | 139 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.24  | 115 | P2  | TWD | 9   | AV4      | +0.17 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
| 75  | 94  | 0.16  | 141 | P2  | TWD | 6   | AV3      | -0.02 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.17  | 143 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.19  | 130 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.23  | 143 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
| 75  | 96  | 0.23  | 140 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.16  | 132 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.19  | 129 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
| 75  | 98  | 0.44  | 146 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC  |   |      |   | 50  |   | COLD | 610UL |
|     |     | 0.23  | 151 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC  |   |      |   | 50  |   | COLD | 610UL |
|     |     | 0.30  | 140 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC  |   |      |   | 50  |   | COLD | 610UL |
| 75  | 100 | 0.26  | 136 | P2  | TWD | 8   | AV4      | +0.15 | TEH | TEC  |   |      |   | 52  |   | COLD | 610UL |
|     |     | 0.27  | 145 | P2  | TWD | 8   | AV6      | +0.02 | TEH | TEC  |   |      |   | 52  |   | COLD | 610UL |
| 75  | 102 | 0.23  | 112 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
|     |     | 0.40  | 115 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
|     |     | 0.37  | 123 | P2  | TWD | 12  | AV4      | +0.20 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
|     |     | 0.12  | 105 | P2  | TWD | 5   | AV3      | -0.17 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
|     |     | 0.14  | 136 | P2  | TWD | 5   | AV2      | +0.17 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
| 75  | 104 | 0.35  | 144 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC  |   |      |   | 55  |   | COLD | 610UL |
|     |     | 0.19  | 148 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 55  |   | COLD | 610UL |
|     |     | 0.15  | 127 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC  |   |      |   | 55  |   | COLD | 610UL |
|     |     | 0.21  | 139 | P2  | TWD | 8   | AV5      | -0.22 | TEH | TEC  |   |      |   | 55  |   | COLD | 610UL |
|     |     | 0.37  | 142 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC  |   |      |   | 55  |   | COLD | 610UL |
| 75  | 106 | 0.11  | 126 | P2  | TWD | 4   | AV4      | +0.28 | TEH | TEC  |   |      |   | 57  |   | COLD | 610UL |
|     |     | 0.13  | 136 | P2  | TWD | 5   | AV5      | +0.04 | TEH | TEC  |   |      |   | 57  |   | COLD | 610UL |
|     |     | 0.17  | 133 | P2  | TWD | 7   | AV6      | +0.26 | TEH | TEC  |   |      |   | 57  |   | COLD | 610UL |
| 75  | 108 | 0.32  | 109 | P2  | TWD | 12  | AV3      | +0.04 | TEH | TEC  |   |      |   | 59  |   | COLD | 610UL |
|     |     | 0.21  | 136 | P2  | TWD | 8   | AV4      | +0.02 | TEH | TEC  |   |      |   | 59  |   | COLD | 610UL |
|     |     | 0.17  | 113 | P2  | TWD | 7   | AV5      | -0.11 | TEH | TEC  |   |      |   | 59  |   | COLD | 610UL |
| 75  | 110 | 0.22  | 109 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
| 75  | 118 | 0.16  | 95  | P2  | TWD | 8   | AV4      | +0.15 | TEC | TEH  |   |      |   | 38  |   | HOT  | 610UL |
| 75  | 140 | 0.12  | 140 | P2  | TWD | 6   | AV6      | +0.18 | TEC | TEH  |   |      |   | 24  |   | HOT  | 610UL |
|     |     | 0.15  | 79  | P2  | TWD | 7   | AV5      | -0.26 | TEC | TEH  |   |      |   | 24  |   | HOT  | 610UL |
| 75  | 142 | 0.11  | 125 | P2  | TWD | 6   | AV3      | -0.26 | TEC | TEH  |   |      |   | 24  |   | HOT  | 610UL |
| 75  | 146 | 0.12  | 84  | P2  | TWD | 6   | AV5      | +0.00 | TEC | TEH  |   |      |   | 22  |   | HOT  | 610UL |
| 75  | 152 | 0.14  | 101 | P2  | TWD | 7   | AV1      | -0.22 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
| 75  | 154 | 0.14  | 111 | P2  | TWD | 7   | AV1      | -0.27 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
|     |     | 0.13  | 96  | P2  | TWD | 7   | AV8      | +0.18 | TEC | TEH  |   |      |   | 20  |   | HOT  | 610UL |
| 76  | 17  | 0.13  | 46  | P2  | TWD | 6   | AV2      | +0.00 | TEC | TEH  |   |      |   | 56  |   | HOT  | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 76  | 31  | 0.13  | 113 | P2  | TWD | 6   | AV4      | +0.22 | TEH | TEC    |        | 12    | COLD | 610UL |
| 76  | 33  | 0.12  | 129 | P2  | TWD | 6   | AV4      | +0.18 | TEH | TEC    |        | 12    | COLD | 610UL |
| 76  | 67  | 0.18  | 112 | P2  | TWD | 7   | AV5      | -0.09 | TEH | TEC    |        | 22    | COLD | 610UL |
| 76  | 69  | 0.13  | 128 | P2  | TWD | 6   | AV4      | +0.04 | TEH | TEC    |        | 24    | COLD | 610UL |
| 76  | 71  | 0.21  | 88  | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 29    | COLD | 610UL |
|     |     | 0.22  | 98  | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 29    | COLD | 610UL |
| 76  | 75  | 0.26  | 122 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.25  | 107 | P2  | TWD | 10  | AV3      | -0.11 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.19  | 106 | P2  | TWD | 8   | AV4      | +0.02 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.28  | 127 | P2  | TWD | 11  | AV5      | -0.15 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.18  | 130 | P2  | TWD | 7   | AV6      | -0.11 | TEH | TEC    |        | 28    | COLD | 610UL |
| 76  | 77  | 0.17  | 125 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.14  | 125 | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.11  | 102 | P2  | TWD | 5   | AV5      | -0.20 | TEH | TEC    |        | 28    | COLD | 610UL |
| 76  | 79  | 0.16  | 133 | P2  | TWD | 6   | AV4      | +0.15 | TEH | TEC    |        | 26    | COLD | 610UL |
| 76  | 81  | 0.17  | 114 | P2  | TWD | 7   | AV4      | +0.02 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.20  | 110 | P2  | TWD | 8   | AV5      | +0.04 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.17  | 120 | P2  | TWD | 7   | AV6      | -0.04 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.16  | 117 | P2  | TWD | 7   | AV7      | +0.07 | TEH | TEC    |        | 26    | COLD | 610UL |
| 76  | 85  | 0.18  | 114 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.40  | 120 | P2  | TWD | 15  | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.15  | 130 | P2  | TWD | 7   | AV5      | -0.11 | TEH | TEC    |        | 24    | COLD | 610UL |
| 76  | 87  | 0.12  | 90  | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.17  | 113 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
| 76  | 89  | 0.16  | 139 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.18  | 101 | P2  | TWD | 7   | AV5      | -0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.18  | 118 | P2  | TWD | 7   | AV4      | +0.07 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.33  | 117 | P2  | TWD | 11  | AV3      | +0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.29  | 105 | P2  | TWD | 10  | AV2      | +0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
| 76  | 91  | 0.14  | 86  | P2  | TWD | 5   | AV2      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.23  | 120 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.13  | 115 | P2  | TWD | 5   | AV4      | +0.20 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.18  | 112 | P2  | TWD | 6   | AV5      | -0.20 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.18  | 129 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.13  | 135 | P2  | TWD | 5   | AV7      | +0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
| 76  | 93  | 0.15  | 135 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.28  | 130 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.17  | 113 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 76  | 95  | 0.31  | 128 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.25  | 132 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 76  | 97  | 0.14  | 99  | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.23  | 112 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.18  | 117 | P2  | TWD | 7   | AV4      | +0.17 | TEH | TEC    |        | 51    | COLD | 610UL |
| 76  | 99  | 0.24  | 145 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 50    | COLD | 610UL |
|     |     | 0.24  | 161 | P2  | TWD | 7   | AV7      | -0.13 | TEH | TEC    |        | 50    | COLD | 610UL |
| 76  | 101 | 0.15  | 116 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
| 76  | 103 | 0.18  | 131 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.14  | 117 | P2  | TWD | 6   | AV6      | -0.20 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.15  | 97  | P2  | TWD | 6   | AV5      | -0.20 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.18  | 81  | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.52  | 112 | P2  | TWD | 17  | AV2      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
| 76  | 105 | 0.15  | 86  | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.25  | 124 | P2  | TWD | 10  | AV5      | +0.02 | TEH | TEC    |        | 56    | COLD | 610UL |
| 76  | 109 | 0.19  | 128 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.28  | 127 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.28  | 126 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.17  | 126 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.14  | 90  | P2  | TWD | 6   | AV3      | -0.04 | TEH | TEC    |        | 60    | COLD | 610UL |
| 76  | 115 | 0.18  | 111 | P2  | TWD | 9   | AV4      | +0.22 | TEC | TEH    |        | 41    | HOT  | 610UL |
| 76  | 121 | 0.14  | 90  | P2  | TWD | 7   | AV5      | -0.20 | TEC | TEH    |        | 36    | HOT  | 610UL |
| 76  | 147 | 0.17  | 122 | P2  | TWD | 5   | AV5      | -0.22 | TEC | TEH    |        | 23    | HOT  | 610UL |
| 76  | 153 | 0.15  | 100 | P2  | TWD | 8   | AV8      | -0.22 | TEC | TEH    |        | 20    | HOT  | 610UL |
|     |     | 0.13  | 131 | P2  | TWD | 7   | AV4      | +0.15 | TEC | TEH    |        | 20    | HOT  | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 77  | 18  | 0.22  | 141 | P2  | TWD | 8   | AV1      | +0.04 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
|     |     | 0.28  | 122 | P2  | TWD | 10  | AV2      | +0.35 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
|     |     | 0.37  | 117 | P2  | TWD | 12  | AV4      | +0.22 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
|     |     | 0.21  | 153 | P2  | TWD | 8   | AV5      | -0.07 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
|     |     | 0.24  | 140 | P2  | TWD | 9   | AV6      | -0.13 | TEC | TEH  |   |      |   | 57  |   | HOT  | 610UL |
| 77  | 56  | 0.13  | 84  | P2  | TWD | 6   | AV4      | +0.22 | TEH | TEC  |   |      |   | 31  |   | COLD | 610UL |
| 77  | 70  | 0.17  | 130 | P2  | TWD | 7   | AV3      | +0.09 | TEH | TEC  |   |      |   | 32  |   | COLD | 610UL |
|     |     | 0.21  | 135 | P2  | TWD | 9   | AV4      | +0.02 | TEH | TEC  |   |      |   | 32  |   | COLD | 610UL |
|     |     | 0.20  | 116 | P2  | TWD | 9   | AV5      | +0.07 | TEH | TEC  |   |      |   | 32  |   | COLD | 610UL |
| 77  | 72  | 0.18  | 123 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 30  |   | COLD | 610UL |
|     |     | 0.19  | 141 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 30  |   | COLD | 610UL |
| 77  | 74  | 0.26  | 127 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
|     |     | 0.20  | 105 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
|     |     | 0.21  | 130 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
| 77  | 76  | 0.19  | 117 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
|     |     | 0.20  | 121 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
| 77  | 78  | 0.17  | 131 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
|     |     | 0.15  | 128 | P2  | TWD | 6   | AV4      | +0.02 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
|     |     | 0.19  | 131 | P2  | TWD | 8   | AV5      | +0.04 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
| 77  | 80  | 0.17  | 109 | P2  | TWD | 7   | AV7      | +0.02 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
| 77  | 86  | 0.11  | 146 | P2  | TWD | 5   | AV7      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
| 77  | 88  | 0.18  | 126 | P2  | TWD | 6   | AV7      | +0.02 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 77  | 90  | 0.14  | 97  | P2  | TWD | 5   | AV2      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.15  | 132 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.16  | 117 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.21  | 125 | P2  | TWD | 7   | AV5      | +0.09 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.13  | 132 | P2  | TWD | 5   | AV7      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 77  | 92  | 0.25  | 129 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.35  | 131 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.37  | 128 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.33  | 122 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.29  | 140 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.21  | 135 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 77  | 94  | 0.30  | 126 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.23  | 128 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.26  | 135 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.24  | 131 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.32  | 127 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.21  | 134 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 77  | 96  | 0.25  | 127 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.12  | 142 | P2  | TWD | 5   | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.16  | 120 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.21  | 139 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 77  | 98  | 0.15  | 119 | P2  | TWD | 6   | AV6      | -0.13 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
|     |     | 0.40  | 111 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
|     |     | 0.27  | 118 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
|     |     | 0.11  | 141 | P2  | TWD | 4   | AV3      | +0.15 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
|     |     | 0.31  | 125 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
| 77  | 100 | 0.22  | 113 | P2  | TWD | 8   | AV3      | -0.04 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
|     |     | 0.14  | 113 | P2  | TWD | 6   | AV6      | +0.17 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
| 77  | 102 | 0.22  | 144 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC  |   |      |   | 54  |   | COLD | 610UL |
|     |     | 0.28  | 117 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC  |   |      |   | 54  |   | COLD | 610UL |
|     |     | 0.21  | 102 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 54  |   | COLD | 610UL |
| 77  | 104 | 0.28  | 116 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
|     |     | 0.18  | 119 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
|     |     | 0.16  | 62  | P2  | TWD | 6   | AV3      | +0.31 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
|     |     | 0.43  | 116 | P2  | TWD | 14  | AV2      | +0.00 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
| 77  | 106 | 0.19  | 117 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |   |      |   | 58  |   | COLD | 610UL |
|     |     | 0.16  | 111 | P2  | TWD | 7   | AV3      | -0.02 | TEH | TEC  |   |      |   | 58  |   | COLD | 610UL |
|     |     | 0.35  | 123 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC  |   |      |   | 58  |   | COLD | 610UL |
|     |     | 0.19  | 95  | P2  | TWD | 8   | AV5      | +0.04 | TEH | TEC  |   |      |   | 58  |   | COLD | 610UL |
|     |     | 0.17  | 121 | P2  | TWD | 7   | AV6      | +0.02 | TEH | TEC  |   |      |   | 58  |   | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 77  | 108 | 0.20  | 108 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.11  | 135 | P2  | TWD | 4   | AV3      | +0.00 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.12  | 110 | P2  | TWD | 5   | AV4      | +0.00 | TEH | TEC    |        | 60    | COLD | 610UL |
| 77  | 110 | 0.15  | 92  | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 59    | COLD | 610UL |
| 77  | 112 | 0.12  | 124 | P2  | TWD | 5   | AV4      | +0.22 | TEH | TEC    |        | 62    | COLD | 610UL |
| 77  | 114 | 0.15  | 118 | P2  | TWD | 7   | AV4      | -0.04 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.23  | 112 | P2  | TWD | 9   | AV5      | -0.02 | TEH | TEC    |        | 45    | COLD | 610UL |
| 77  | 116 | 0.29  | 103 | P2  | TWD | 13  | AV5      | -0.02 | TEC | TEH    |        | 40    | HOT  | 610UL |
| 77  | 118 | 0.14  | 103 | P2  | TWD | 6   | AV4      | +0.15 | TEC | TEH    |        | 39    | HOT  | 610UL |
| 77  | 138 | 0.21  | 107 | P2  | TWD | 9   | AV5      | -0.20 | TEC | TEH    |        | 27    | HOT  | 610UL |
| 78  | 45  | 0.15  | 97  | P2  | TWD | 6   | AV4      | +0.24 | TEH | TEC    |        | 36    | COLD | 610UL |
| 78  | 71  | 0.22  | 130 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.24  | 107 | P2  | TWD | 9   | AV5      | +0.09 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.20  | 129 | P2  | TWD | 8   | AV6      | +0.02 | TEH | TEC    |        | 30    | COLD | 610UL |
| 78  | 73  | 0.25  | 118 | P2  | TWD | 10  | AV3      | +0.09 | TEH | TEC    |        | 29    | COLD | 610UL |
|     |     | 0.22  | 123 | P2  | TWD | 9   | AV7      | +0.15 | TEH | TEC    |        | 29    | COLD | 610UL |
| 78  | 75  | 0.17  | 136 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.17  | 135 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.15  | 114 | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
| 78  | 77  | 0.15  | 130 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.17  | 127 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.25  | 136 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.18  | 143 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
| 78  | 79  | 0.16  | 143 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
| 78  | 83  | 0.13  | 142 | P2  | TWD | 5   | AV2      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.16  | 139 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.15  | 139 | P2  | TWD | 6   | AV5      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.12  | 143 | P2  | TWD | 5   | AV4      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.17  | 102 | P2  | TWD | 7   | AV6      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
| 78  | 85  | 0.14  | 141 | P2  | TWD | 6   | AV4      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.13  | 90  | P2  | TWD | 5   | AV5      | +0.07 | TEH | TEC    |        | 23    | COLD | 610UL |
| 78  | 87  | 0.16  | 90  | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.26  | 124 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.28  | 123 | P2  | TWD | 9   | AV5      | +0.11 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.21  | 122 | P2  | TWD | 7   | AV4      | +0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.34  | 120 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
| 78  | 91  | 0.13  | 132 | P2  | TWD | 5   | AV5      | -0.20 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.12  | 98  | P2  | TWD | 5   | AV6      | +0.09 | TEH | TEC    |        | 47    | COLD | 610UL |
| 78  | 93  | 0.19  | 136 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.15  | 138 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
| 78  | 95  | 0.18  | 132 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.30  | 138 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.42  | 130 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.26  | 143 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.18  | 148 | P2  | TWD | 7   | AV1      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
| 78  | 97  | 0.26  | 158 | P2  | TWD | 8   | AV2      | -0.02 | TEH | TEC    |        | 50    | COLD | 610UL |
|     |     | 0.23  | 154 | P2  | TWD | 7   | AV3      | -0.02 | TEH | TEC    |        | 50    | COLD | 610UL |
|     |     | 0.23  | 156 | P2  | TWD | 7   | AV4      | +0.02 | TEH | TEC    |        | 50    | COLD | 610UL |
|     |     | 0.29  | 143 | P2  | TWD | 8   | AV5      | -0.02 | TEH | TEC    |        | 50    | COLD | 610UL |
|     |     | 0.28  | 154 | P2  | TWD | 8   | AV6      | +0.02 | TEH | TEC    |        | 50    | COLD | 610UL |
| 78  | 99  | 0.14  | 78  | P2  | TWD | 5   | AV7      | +0.20 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.16  | 93  | P2  | TWD | 6   | AV6      | +0.24 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.27  | 122 | P2  | TWD | 10  | AV5      | +0.07 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.15  | 101 | P2  | TWD | 6   | AV4      | +0.20 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.19  | 103 | P2  | TWD | 7   | AV3      | +0.02 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.14  | 143 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
| 78  | 101 | 0.25  | 129 | P2  | TWD | 9   | AV5      | -0.24 | TEH | TEC    |        | 54    | COLD | 610UL |
|     |     | 0.13  | 99  | P2  | TWD | 5   | AV6      | -0.22 | TEH | TEC    |        | 54    | COLD | 610UL |
|     |     | 0.19  | 145 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 54    | COLD | 610UL |
| 78  | 103 | 0.23  | 151 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
| 78  | 105 | 0.40  | 140 | P2  | TWD | 13  | AV2      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.34  | 136 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.25  | 146 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.41  | 138 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-------|------|-------|
| 78  | 109 | 0.32  | 120 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC  |   |      |   | 59    | COLD | 610UL |
|     |     | 0.18  | 100 | P2  | TWD | 7   | AV6      | +0.04 | TEH | TEC  |   |      |   | 59    | COLD | 610UL |
| 78  | 111 | 0.16  | 90  | P2  | TWD | 6   | AV4      | +0.11 | TEH | TEC  |   |      |   | 59    | COLD | 610UL |
|     |     | 0.15  | 92  | P2  | TWD | 6   | AV6      | +0.02 | TEH | TEC  |   |      |   | 59    | COLD | 610UL |
| 78  | 117 | 0.25  | 109 | P2  | TWD | 12  | AV5      | +0.24 | TEC | TEH  |   |      |   | 40    | HOT  | 610UL |
| 78  | 121 | 0.21  | 118 | P2  | TWD | 9   | AV5      | -0.04 | TEC | TEH  |   |      |   | 37    | HOT  | 610UL |
| 78  | 137 | 0.16  | 103 | P2  | TWD | 7   | AV5      | -0.22 | TEC | TEH  |   |      |   | 27    | HOT  | 610UL |
| 78  | 139 | 0.11  | 108 | P2  | TWD | 5   | AV5      | -0.20 | TEC | TEH  |   |      |   | 27    | HOT  | 610UL |
| 78  | 143 | 0.15  | 112 | P2  | TWD | 7   | AV5      | -0.26 | TEC | TEH  |   |      |   | 22    | HOT  | 610UL |
| 78  | 145 | 0.12  | 105 | P2  | TWD | 6   | AV5      | -0.13 | TEC | TEH  |   |      |   | 22    | HOT  | 610UL |
| 79  | 68  | 0.17  | 143 | P2  | TWD | 7   | AV7      | +0.07 | TEH | TEC  |   |      |   | 21    | COLD | 610UL |
| 79  | 72  | 0.12  | 75  | P2  | TWD | 5   | AV3      | +0.31 | TEH | TEC  |   |      |   | 29    | COLD | 610UL |
|     |     | 0.17  | 116 | P2  | TWD | 7   | AV6      | +0.07 | TEH | TEC  |   |      |   | 29    | COLD | 610UL |
| 79  | 74  | 0.21  | 115 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC  |   |      |   | 28    | COLD | 610UL |
|     |     | 0.24  | 112 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC  |   |      |   | 28    | COLD | 610UL |
|     |     | 0.31  | 125 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC  |   |      |   | 28    | COLD | 610UL |
| 79  | 76  | 0.17  | 128 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 27    | COLD | 610UL |
|     |     | 0.26  | 128 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC  |   |      |   | 27    | COLD | 610UL |
|     |     | 0.23  | 114 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC  |   |      |   | 27    | COLD | 610UL |
|     |     | 0.23  | 133 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |   |      |   | 27    | COLD | 610UL |
|     |     | 0.30  | 133 | P2  | TWD | 12  | AV7      | +0.00 | TEH | TEC  |   |      |   | 27    | COLD | 610UL |
|     |     | 0.16  | 95  | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC  |   |      |   | 27    | COLD | 610UL |
| 79  | 78  | 0.21  | 136 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC  |   |      |   | 25    | COLD | 610UL |
| 79  | 80  | 0.16  | 127 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 25    | COLD | 610UL |
|     |     | 0.16  | 132 | P2  | TWD | 7   | AV5      | +0.02 | TEH | TEC  |   |      |   | 25    | COLD | 610UL |
| 79  | 82  | 0.15  | 146 | P2  | TWD | 6   | AV7      | +0.04 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
| 79  | 86  | 0.26  | 101 | P2  | TWD | 10  | AV7      | +0.02 | TEH | TEC  |   |      |   | 44    | COLD | 610UL |
|     |     | 0.29  | 122 | P2  | TWD | 11  | AV3      | -0.02 | TEH | TEC  |   |      |   | 44    | COLD | 610UL |
|     |     | 0.19  | 107 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC  |   |      |   | 44    | COLD | 610UL |
| 79  | 90  | 0.22  | 133 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.19  | 128 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.13  | 123 | P2  | TWD | 5   | AV4      | +0.00 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.33  | 116 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.20  | 134 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.15  | 120 | P2  | TWD | 5   | AV7      | +0.09 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
| 79  | 92  | 0.23  | 141 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.18  | 137 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.30  | 141 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.37  | 144 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.15  | 147 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
| 79  | 94  | 0.15  | 150 | P2  | TWD | 6   | AV8      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.22  | 142 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.20  | 135 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.20  | 142 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.33  | 137 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.32  | 133 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.26  | 136 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
| 79  | 96  | 0.27  | 139 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.31  | 128 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
| 79  | 98  | 0.30  | 145 | P2  | TWD | 9   | AV3      | +0.06 | TEH | TEC  |   |      |   | 50    | COLD | 610UL |
|     |     | 0.48  | 134 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC  |   |      |   | 50    | COLD | 610UL |
|     |     | 0.50  | 134 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC  |   |      |   | 50    | COLD | 610UL |
|     |     | 0.29  | 151 | P2  | TWD | 9   | AV6      | +0.09 | TEH | TEC  |   |      |   | 50    | COLD | 610UL |
| 79  | 100 | 0.37  | 142 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC  |   |      |   | 52    | COLD | 610UL |
|     |     | 0.48  | 125 | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC  |   |      |   | 52    | COLD | 610UL |
|     |     | 0.37  | 145 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC  |   |      |   | 52    | COLD | 610UL |
| 79  | 102 | 0.28  | 119 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC  |   |      |   | 53    | COLD | 610UL |
|     |     | 0.21  | 130 | P2  | TWD | 8   | AV4      | +0.15 | TEH | TEC  |   |      |   | 53    | COLD | 610UL |
|     |     | 0.26  | 119 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC  |   |      |   | 53    | COLD | 610UL |
|     |     | 0.26  | 104 | P2  | TWD | 10  | AV5      | +0.20 | TEH | TEC  |   |      |   | 53    | COLD | 610UL |
|     |     | 0.16  | 109 | P2  | TWD | 6   | AV7      | -0.20 | TEH | TEC  |   |      |   | 53    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 79  | 106 | 0.26  | 112 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        | 57    | COLD | 610UL |
|     |     | 0.19  | 116 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 57    | COLD | 610UL |
|     |     | 0.12  | 146 | P2  | TWD | 5   | AV6      | +0.17 | TEH | TEC    |        | 57    | COLD | 610UL |
|     |     | 0.10  | 121 | P2  | TWD | 4   | AV7      | -0.19 | TEH | TEC    |        | 57    | COLD | 610UL |
| 79  | 132 | 0.14  | 101 | P2  | TWD | 7   | AV2      | -0.04 | TEC | TEH    |        | 30    | HOT  | 610UL |
| 79  | 138 | 0.15  | 120 | P2  | TWD | 8   | AV5      | -0.22 | TEC | TEH    |        | 26    | HOT  | 610UL |
| 80  | 67  | 0.15  | 128 | P2  | TWD | 6   | AV5      | -0.07 | TEH | TEC    |        | 22    | COLD | 610UL |
| 80  | 71  | 0.25  | 109 | P2  | TWD | 10  | AV4      | -0.02 | TEH | TEC    |        | 29    | COLD | 610UL |
|     |     | 0.24  | 94  | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 29    | COLD | 610UL |
| 80  | 73  | 0.17  | 104 | P2  | TWD | 7   | AV5      | +0.07 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.13  | 127 | P2  | TWD | 5   | AV6      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.19  | 132 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
| 80  | 75  | 0.22  | 117 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.22  | 113 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.23  | 124 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
| 80  | 77  | 0.23  | 117 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.21  | 127 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.15  | 131 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.17  | 136 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
| 80  | 83  | 0.17  | 120 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.27  | 120 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.26  | 121 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 80  | 85  | 0.14  | 116 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.20  | 103 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.19  | 132 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 80  | 87  | 0.14  | 86  | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.23  | 136 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.27  | 120 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.18  | 117 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.18  | 121 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
| 80  | 89  | 0.21  | 131 | P2  | TWD | 7   | AV6      | -0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.26  | 121 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.21  | 126 | P2  | TWD | 7   | AV4      | +0.09 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.14  | 99  | P2  | TWD | 5   | AV3      | -0.17 | TEH | TEC    |        | 47    | COLD | 610UL |
| 80  | 91  | 0.12  | 142 | P2  | TWD | 5   | AV5      | -0.15 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.19  | 122 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
| 80  | 93  | 0.34  | 124 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.30  | 135 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.13  | 141 | P2  | TWD | 5   | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.17  | 124 | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 80  | 95  | 0.25  | 125 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.27  | 123 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.25  | 122 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 80  | 97  | 0.29  | 132 | P2  | TWD | 10  | AV6      | -0.15 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.27  | 126 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.23  | 129 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.18  | 113 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.15  | 121 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
| 80  | 99  | 0.38  | 141 | P2  | TWD | 11  | AV4      | +0.04 | TEH | TEC    |        | 50    | COLD | 610UL |
|     |     | 0.35  | 134 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 50    | COLD | 610UL |
|     |     | 0.26  | 151 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 50    | COLD | 610UL |
| 80  | 101 | 0.18  | 99  | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
|     |     | 0.24  | 112 | P2  | TWD | 9   | AV5      | -0.13 | TEH | TEC    |        | 53    | COLD | 610UL |
|     |     | 0.21  | 125 | P2  | TWD | 8   | AV8      | -0.02 | TEH | TEC    |        | 53    | COLD | 610UL |
| 80  | 103 | 0.16  | 128 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.15  | 76  | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.21  | 87  | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.46  | 110 | P2  | TWD | 15  | AV3      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.54  | 112 | P2  | TWD | 17  | AV2      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
| 80  | 105 | 0.21  | 127 | P2  | TWD | 8   | AV3      | -0.04 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.33  | 106 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 80  | 109 | 0.39  | 111 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.31  | 131 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.20  | 93  | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.34  | 119 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC    |        | 60    | COLD | 610UL |
| 80  | 111 | 0.24  | 116 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 60    | COLD | 610UL |
| 80  | 113 | 0.14  | 122 | P2  | TWD | 6   | AV2      | +0.02 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.16  | 134 | P2  | TWD | 7   | AV4      | +0.20 | TEH | TEC    |        | 45    | COLD | 610UL |
| 80  | 117 | 0.16  | 109 | P2  | TWD | 8   | AV5      | +0.20 | TEH | TEC    |        | 12    | COLD | 610UL |
|     |     | 0.10  | 87  | P2  | TWD | 5   | AV5      | -0.13 | TEH | TEC    |        | 12    | COLD | 610UL |
| 81  | 52  | 0.13  | 100 | P2  | TWD | 5   | AV4      | +0.20 | TEH | TEC    |        | 33    | COLD | 610UL |
| 81  | 62  | 0.16  | 117 | P2  | TWD | 6   | AV3      | +0.04 | TEH | TEC    |        | 18    | COLD | 610UL |
| 81  | 70  | 0.17  | 135 | P2  | TWD | 7   | AV6      | +0.18 | TEH | TEC    |        | 32    | COLD | 610UL |
|     |     | 0.16  | 127 | P2  | TWD | 7   | AV7      | +0.07 | TEH | TEC    |        | 32    | COLD | 610UL |
| 81  | 76  | 0.20  | 134 | P2  | TWD | 8   | AV3      | -0.02 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.34  | 109 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.30  | 109 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.16  | 108 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
| 81  | 78  | 0.20  | 121 | P2  | TWD | 8   | AV4      | +0.04 | TEH | TEC    |        | 26    | COLD | 610UL |
| 81  | 82  | 0.18  | 139 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.23  | 131 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.22  | 129 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.16  | 132 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.16  | 124 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.23  | 137 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 81  | 84  | 0.13  | 127 | P2  | TWD | 6   | AV5      | +0.02 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.15  | 119 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 81  | 86  | 0.12  | 137 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.15  | 137 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.22  | 133 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
| 81  | 88  | 0.17  | 119 | P2  | TWD | 6   | AV6      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.12  | 125 | P2  | TWD | 5   | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
| 81  | 90  | 0.27  | 122 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.18  | 108 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
| 81  | 92  | 0.36  | 127 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.34  | 137 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.30  | 117 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.25  | 121 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.23  | 135 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 81  | 94  | 0.21  | 116 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.25  | 133 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.32  | 125 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.25  | 131 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.16  | 144 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 81  | 96  | 0.16  | 139 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.20  | 130 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.17  | 119 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.29  | 132 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.16  | 134 | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 81  | 98  | 0.31  | 123 | P2  | TWD | 11  | AV6      | +0.15 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.39  | 126 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.41  | 121 | P2  | TWD | 14  | AV4      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.34  | 120 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.16  | 78  | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
| 81  | 100 | 0.22  | 118 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
| 81  | 102 | 0.42  | 140 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC    |        | 54    | COLD | 610UL |
|     |     | 0.34  | 138 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 54    | COLD | 610UL |
| 81  | 104 | 0.19  | 109 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.46  | 117 | P2  | TWD | 15  | AV6      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.35  | 122 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.28  | 99  | P2  | TWD | 10  | AV4      | +0.15 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.19  | 89  | P2  | TWD | 8   | AV3      | +0.17 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.34  | 117 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 81  | 106 | 0.31  | 127 | P2  | TWD | 11  | AV2      | +0.04 | TEH | TEC    |        | 58    | COLD | 610UL |
|     |     | 0.36  | 123 | P2  | TWD | 13  | AV3      | +0.02 | TEH | TEC    |        | 58    | COLD | 610UL |
|     |     | 0.16  | 126 | P2  | TWD | 6   | AV4      | +0.02 | TEH | TEC    |        | 58    | COLD | 610UL |
|     |     | 0.18  | 129 | P2  | TWD | 7   | AV6      | +0.02 | TEH | TEC    |        | 58    | COLD | 610UL |
| 81  | 112 | 0.15  | 115 | P2  | TWD | 6   | AV6      | +0.20 | TEH | TEC    |        | 62    | COLD | 610UL |
|     |     | 0.14  | 99  | P2  | TWD | 6   | AV2      | -0.22 | TEH | TEC    |        | 62    | COLD | 610UL |
| 81  | 114 | 0.12  | 127 | P2  | TWD | 5   | AV5      | -0.26 | TEH | TEC    |        | 45    | COLD | 610UL |
| 82  | 45  | 0.14  | 138 | P2  | TWD | 6   | AV4      | +0.20 | TEH | TEC    |        | 36    | COLD | 610UL |
| 82  | 55  | 0.15  | 118 | P2  | TWD | 6   | AV4      | -0.15 | TEH | TEC    |        | 31    | COLD | 610UL |
| 82  | 71  | 0.51  | 128 | P2  | TWD | 17  | AV2      | +0.07 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.16  | 85  | P2  | TWD | 7   | AV4      | -0.15 | TEH | TEC    |        | 30    | COLD | 610UL |
| 82  | 73  | 0.30  | 110 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 29    | COLD | 610UL |
|     |     | 0.24  | 104 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 29    | COLD | 610UL |
| 82  | 75  | 0.33  | 130 | P2  | TWD | 13  | AV2      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.36  | 131 | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.16  | 129 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.16  | 133 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
| 82  | 77  | 0.20  | 125 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.25  | 134 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.25  | 122 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.26  | 118 | P2  | TWD | 10  | AV8      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
| 82  | 79  | 0.30  | 135 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.23  | 134 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
| 82  | 81  | 0.17  | 137 | P2  | TWD | 7   | AV3      | +0.02 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.18  | 126 | P2  | TWD | 8   | AV7      | +0.04 | TEH | TEC    |        | 25    | COLD | 610UL |
| 82  | 83  | 0.20  | 137 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.18  | 136 | P2  | TWD | 7   | AV5      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.15  | 141 | P2  | TWD | 6   | AV6      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.25  | 136 | P2  | TWD | 10  | AV7      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
| 82  | 85  | 0.13  | 122 | P2  | TWD | 6   | AV4      | -0.20 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.30  | 129 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.27  | 118 | P2  | TWD | 10  | AV6      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.22  | 118 | P2  | TWD | 9   | AV7      | -0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
| 82  | 87  | 0.18  | 112 | P2  | TWD | 7   | AV4      | +0.02 | TEH | TEC    |        | 44    | COLD | 610UL |
| 82  | 89  | 0.13  | 122 | P2  | TWD | 5   | AV5      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.21  | 126 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.30  | 127 | P2  | TWD | 10  | AV3      | -0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
| 82  | 91  | 0.31  | 134 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.20  | 128 | P2  | TWD | 7   | AV5      | -0.20 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.22  | 126 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.19  | 115 | P2  | TWD | 7   | AV7      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
| 82  | 93  | 0.26  | 132 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.23  | 147 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.23  | 142 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.17  | 146 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
| 82  | 95  | 0.23  | 138 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.23  | 134 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.17  | 137 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.13  | 157 | P2  | TWD | 5   | AV3      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.28  | 142 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.20  | 130 | P2  | TWD | 7   | AV1      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
| 82  | 97  | 0.44  | 147 | P2  | TWD | 12  | AV2      | -0.02 | TEH | TEC    |        | 50    | COLD | 610UL |
|     |     | 0.27  | 155 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 50    | COLD | 610UL |
| 82  | 99  | 0.14  | 92  | P2  | TWD | 5   | AV7      | +0.20 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.22  | 123 | P2  | TWD | 8   | AV6      | +0.20 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.23  | 99  | P2  | TWD | 9   | AV5      | +0.26 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.17  | 115 | P2  | TWD | 7   | AV4      | +0.20 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.10  | 90  | P2  | TWD | 4   | AV3      | +0.20 | TEH | TEC    |        | 51    | COLD | 610UL |
| 82  | 101 | 0.26  | 126 | P2  | TWD | 9   | AV5      | -0.19 | TEH | TEC    |        | 54    | COLD | 610UL |
|     |     | 0.12  | 118 | P2  | TWD | 5   | AV6      | -0.26 | TEH | TEC    |        | 54    | COLD | 610UL |
|     |     | 0.19  | 144 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 54    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 82  | 103 | 0.51  | 139 | P2  | TWD | 16  | AV2      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.32  | 138 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.30  | 142 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.24  | 134 | P2  | TWD | 9   | AV6      | +0.06 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.22  | 151 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.20  | 145 | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
| 82  | 105 | 0.15  | 150 | P2  | TWD | 6   | AV1      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.19  | 151 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.41  | 141 | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.23  | 152 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.18  | 138 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
| 82  | 115 | 0.15  | 86  | P2  | TWD | 8   | AV5      | -0.33 | TEC | TEH    |        | 41    | HOT  | 610UL |
| 82  | 127 | 0.15  | 144 | P2  | TWD | 6   | AV3      | -0.02 | TEC | TEH    |        | 33    | HOT  | 610UL |
| 82  | 133 | 0.15  | 97  | P2  | TWD | 6   | AV5      | -0.09 | TEC | TEH    |        | 29    | HOT  | 610UL |
| 83  | 36  | 0.14  | 101 | P2  | TWD | 6   | AV4      | +0.20 | TEH | TEC    |        | 11    | COLD | 610UL |
| 83  | 50  | 0.15  | 100 | P2  | TWD | 7   | AV4      | +0.24 | TEH | TEC    |        | 34    | COLD | 610UL |
| 83  | 70  | 0.24  | 119 | P2  | TWD | 10  | AV1      | +0.07 | TEH | TEC    |        | 31    | COLD | 610UL |
|     |     | 0.15  | 124 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 31    | COLD | 610UL |
|     |     | 0.18  | 121 | P2  | TWD | 8   | AV5      | +0.04 | TEH | TEC    |        | 31    | COLD | 610UL |
| 83  | 72  | 0.16  | 105 | P2  | TWD | 7   | AV5      | +0.02 | TEH | TEC    |        | 29    | COLD | 610UL |
| 83  | 76  | 0.25  | 130 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.40  | 126 | P2  | TWD | 15  | AV3      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.29  | 120 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.44  | 133 | P2  | TWD | 16  | AV6      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.31  | 117 | P2  | TWD | 12  | AV7      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
| 83  | 78  | 0.17  | 136 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.31  | 139 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.20  | 130 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.15  | 144 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
| 83  | 80  | 0.25  | 140 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.19  | 132 | P2  | TWD | 8   | AV6      | +0.02 | TEH | TEC    |        | 25    | COLD | 610UL |
| 83  | 82  | 0.15  | 138 | P2  | TWD | 6   | AV3      | -0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.16  | 126 | P2  | TWD | 7   | AV7      | +0.07 | TEH | TEC    |        | 23    | COLD | 610UL |
| 83  | 84  | 0.27  | 130 | P2  | TWD | 10  | AV3      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.19  | 137 | P2  | TWD | 8   | AV4      | +0.07 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.20  | 114 | P2  | TWD | 8   | AV5      | +0.11 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.15  | 118 | P2  | TWD | 6   | AV6      | -0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.23  | 111 | P2  | TWD | 9   | AV7      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
| 83  | 86  | 0.21  | 123 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.27  | 119 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.22  | 105 | P2  | TWD | 8   | AV5      | +0.15 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.15  | 128 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.15  | 119 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
| 83  | 88  | 0.16  | 137 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 46    | COLD | 610UL |
|     |     | 0.22  | 136 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 46    | COLD | 610UL |
|     |     | 0.15  | 143 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 46    | COLD | 610UL |
| 83  | 90  | 0.15  | 125 | P2  | TWD | 6   | AV1      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.24  | 123 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.56  | 120 | P2  | TWD | 16  | AV3      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.13  | 137 | P2  | TWD | 5   | AV4      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.21  | 119 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.34  | 118 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.23  | 136 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.21  | 141 | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
| 83  | 92  | 0.26  | 146 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.32  | 132 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.27  | 143 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.26  | 119 | P2  | TWD | 10  | AV4      | +0.15 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.65  | 129 | P2  | TWD | 19  | AV3      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.22  | 144 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.18  | 162 | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 83  | 94  | 0.22  | 144 | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.27  | 138 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.32  | 132 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.34  | 139 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.27  | 127 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.29  | 139 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.29  | 131 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
| 83  | 96  | 0.21  | 137 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.22  | 137 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.14  | 152 | P2  | TWD | 5   | AV5      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.29  | 122 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.58  | 125 | P2  | TWD | 17  | AV3      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.19  | 137 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
| 83  | 98  | 0.38  | 154 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 50    | COLD | 610UL |
|     |     | 0.69  | 130 | P2  | TWD | 17  | AV3      | +0.00 | TEH | TEC    |        | 50    | COLD | 610UL |
|     |     | 0.44  | 145 | P2  | TWD | 12  | AV4      | +0.04 | TEH | TEC    |        | 50    | COLD | 610UL |
|     |     | 0.35  | 148 | P2  | TWD | 10  | AV5      | +0.02 | TEH | TEC    |        | 50    | COLD | 610UL |
|     |     | 0.29  | 152 | P2  | TWD | 8   | AV6      | +0.02 | TEH | TEC    |        | 50    | COLD | 610UL |
| 83  | 100 | 0.29  | 149 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 52    | COLD | 610UL |
|     |     | 0.33  | 139 | P2  | TWD | 9   | AV4      | +0.02 | TEH | TEC    |        | 52    | COLD | 610UL |
|     |     | 0.38  | 137 | P2  | TWD | 11  | AV6      | +0.06 | TEH | TEC    |        | 52    | COLD | 610UL |
| 83  | 102 | 0.29  | 116 | P2  | TWD | 10  | AV6      | +0.02 | TEH | TEC    |        | 53    | COLD | 610UL |
|     |     | 0.41  | 108 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
|     |     | 0.31  | 120 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
|     |     | 0.28  | 102 | P2  | TWD | 10  | AV5      | +0.15 | TEH | TEC    |        | 53    | COLD | 610UL |
| 83  | 104 | 0.27  | 148 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.29  | 148 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.29  | 145 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.35  | 139 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
| 83  | 106 | 0.15  | 108 | P2  | TWD | 6   | AV6      | +0.26 | TEH | TEC    |        | 57    | COLD | 610UL |
| 83  | 108 | 0.15  | 80  | P2  | TWD | 6   | AV5      | +0.26 | TEH | TEC    |        | 59    | COLD | 610UL |
|     |     | 0.25  | 118 | P2  | TWD | 10  | AV6      | +0.02 | TEH | TEC    |        | 59    | COLD | 610UL |
| 83  | 112 | 0.12  | 119 | P2  | TWD | 5   | AV6      | +0.17 | TEH | TEC    |        | 61    | COLD | 610UL |
| 83  | 116 | 0.21  | 96  | P2  | TWD | 10  | AV2      | -0.07 | TEC | TEH    |        | 40    | HOT  | 610UL |
| 83  | 150 | 0.13  | 120 | P2  | TWD | 7   | AV1      | -0.20 | TEC | TEH    |        | 20    | HOT  | 610UL |
| 84  | 63  | 0.32  | 117 | P2  | TWD | 12  | AV2      | -0.02 | TEH | TEC    |        | 20    | COLD | 610UL |
| 84  | 71  | 0.16  | 85  | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 29    | COLD | 610UL |
|     |     | 0.28  | 112 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 29    | COLD | 610UL |
| 84  | 75  | 0.34  | 123 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
| 84  | 77  | 0.31  | 114 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.18  | 128 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.34  | 121 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.34  | 115 | P2  | TWD | 12  | AV7      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.20  | 132 | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
| 84  | 79  | 0.18  | 129 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.26  | 118 | P2  | TWD | 10  | AV6      | +0.02 | TEH | TEC    |        | 26    | COLD | 610UL |
| 84  | 81  | 0.33  | 122 | P2  | TWD | 12  | AV5      | +0.07 | TEH | TEC    |        | 26    | COLD | 610UL |
| 84  | 83  | 0.15  | 135 | P2  | TWD | 7   | AV2      | +0.02 | TEH | TEC    |        | 24    | COLD | 610UL |
| 84  | 85  | 0.31  | 116 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.15  | 126 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.17  | 140 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.22  | 115 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.19  | 117 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 84  | 87  | 0.36  | 122 | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.36  | 121 | P2  | TWD | 14  | AV4      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.20  | 140 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.26  | 128 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
| 84  | 89  | 0.29  | 120 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.31  | 125 | P2  | TWD | 10  | AV4      | -0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.41  | 126 | P2  | TWD | 13  | AV3      | -0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.26  | 132 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
| 84  | 91  | 0.18  | 128 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.23  | 133 | P2  | TWD | 8   | AV5      | -0.13 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.26  | 126 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW   | COL   | VOLTS | DEG   | CHN   | IND   | %TW   | LOCATION | EXT   | EXT   | UTIL 1 | UTIL 2 | CAL # | LEG   | PROBE |
|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|--------|--------|-------|-------|-------|
| ===== | ===== | ===== | ===== | ===== | ===== | ===== | =====    | ===== | ===== | =====  | =====  | ===== | ===== | ===== |
| 84    | 93    | 0.15  | 121   | P2    | TWD   | 6     | AV1      | +0.07 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.27  | 135   | P2    | TWD   | 10    | AV2      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.19  | 121   | P2    | TWD   | 7     | AV3      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.37  | 125   | P2    | TWD   | 13    | AV4      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.28  | 135   | P2    | TWD   | 10    | AV5      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.45  | 125   | P2    | TWD   | 15    | AV6      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.42  | 132   | P2    | TWD   | 14    | AV7      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.32  | 138   | P2    | TWD   | 11    | AV8      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
| 84    | 95    | 0.15  | 134   | P2    | TWD   | 6     | AV1      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.57  | 118   | P2    | TWD   | 17    | AV2      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.28  | 125   | P2    | TWD   | 10    | AV3      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.39  | 122   | P2    | TWD   | 13    | AV4      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
| 84    | 97    | 0.16  | 104   | P2    | TWD   | 6     | AV7      | +0.00 | TEH   | TEC    |        | 51    | COLD  | 610UL |
|       |       | 0.14  | 144   | P2    | TWD   | 5     | AV6      | +0.00 | TEH   | TEC    |        | 51    | COLD  | 610UL |
|       |       | 0.31  | 121   | P2    | TWD   | 11    | AV5      | +0.00 | TEH   | TEC    |        | 51    | COLD  | 610UL |
|       |       | 0.23  | 122   | P2    | TWD   | 9     | AV4      | +0.00 | TEH   | TEC    |        | 51    | COLD  | 610UL |
|       |       | 0.17  | 98    | P2    | TWD   | 6     | AV3      | +0.00 | TEH   | TEC    |        | 51    | COLD  | 610UL |
|       |       | 0.28  | 111   | P2    | TWD   | 10    | AV2      | +0.00 | TEH   | TEC    |        | 51    | COLD  | 610UL |
| 84    | 99    | 0.27  | 158   | P2    | TWD   | 8     | AV1      | +0.00 | TEH   | TEC    |        | 50    | COLD  | 610UL |
|       |       | 0.53  | 144   | P2    | TWD   | 14    | AV2      | +0.00 | TEH   | TEC    |        | 50    | COLD  | 610UL |
|       |       | 0.22  | 156   | P2    | TWD   | 7     | AV3      | +0.00 | TEH   | TEC    |        | 50    | COLD  | 610UL |
|       |       | 0.44  | 135   | P2    | TWD   | 12    | AV4      | +0.00 | TEH   | TEC    |        | 50    | COLD  | 610UL |
|       |       | 0.34  | 115   | P2    | TWD   | 10    | AV5      | +0.00 | TEH   | TEC    |        | 50    | COLD  | 610UL |
|       |       | 0.45  | 134   | P2    | TWD   | 12    | AV6      | +0.00 | TEH   | TEC    |        | 50    | COLD  | 610UL |
|       |       | 0.33  | 151   | P2    | TWD   | 9     | AV7      | +0.00 | TEH   | TEC    |        | 50    | COLD  | 610UL |
| 84    | 101   | 0.19  | 83    | P2    | TWD   | 7     | AV4      | +0.00 | TEH   | TEC    |        | 53    | COLD  | 610UL |
|       |       | 0.17  | 88    | P2    | TWD   | 6     | AV7      | +0.07 | TEH   | TEC    |        | 53    | COLD  | 610UL |
|       |       | 0.19  | 122   | P2    | TWD   | 7     | AV5      | +0.00 | TEH   | TEC    |        | 53    | COLD  | 610UL |
| 84    | 103   | 0.17  | 129   | P2    | TWD   | 7     | AV7      | +0.00 | TEH   | TEC    |        | 56    | COLD  | 610UL |
|       |       | 0.38  | 106   | P2    | TWD   | 13    | AV3      | +0.00 | TEH   | TEC    |        | 56    | COLD  | 610UL |
|       |       | 0.28  | 121   | P2    | TWD   | 10    | AV1      | +0.00 | TEH   | TEC    |        | 56    | COLD  | 610UL |
| 84    | 105   | 0.20  | 98    | P2    | TWD   | 8     | AV6      | +0.09 | TEH   | TEC    |        | 56    | COLD  | 610UL |
|       |       | 0.29  | 99    | P2    | TWD   | 11    | AV3      | +0.00 | TEH   | TEC    |        | 56    | COLD  | 610UL |
|       |       | 0.18  | 114   | P2    | TWD   | 7     | AV2      | +0.00 | TEH   | TEC    |        | 56    | COLD  | 610UL |
|       |       | 0.17  | 123   | P2    | TWD   | 7     | AV1      | +0.00 | TEH   | TEC    |        | 56    | COLD  | 610UL |
| 84    | 107   | 0.26  | 112   | P2    | TWD   | 10    | AV3      | +0.00 | TEH   | TEC    |        | 58    | COLD  | 610UL |
|       |       | 0.19  | 114   | P2    | TWD   | 8     | AV4      | +0.07 | TEH   | TEC    |        | 58    | COLD  | 610UL |
|       |       | 0.15  | 124   | P2    | TWD   | 6     | AV5      | +0.00 | TEH   | TEC    |        | 58    | COLD  | 610UL |
|       |       | 0.38  | 114   | P2    | TWD   | 13    | AV6      | +0.07 | TEH   | TEC    |        | 58    | COLD  | 610UL |
|       |       | 0.23  | 139   | P2    | TWD   | 9     | AV7      | +0.04 | TEH   | TEC    |        | 58    | COLD  | 610UL |
| 84    | 109   | 0.16  | 129   | P2    | TWD   | 6     | AV4      | +0.00 | TEH   | TEC    |        | 60    | COLD  | 610UL |
|       |       | 0.29  | 129   | P2    | TWD   | 11    | AV2      | +0.00 | TEH   | TEC    |        | 60    | COLD  | 610UL |
|       |       | 0.24  | 126   | P2    | TWD   | 9     | AV1      | +0.00 | TEH   | TEC    |        | 60    | COLD  | 610UL |
|       |       | 0.25  | 117   | P2    | TWD   | 9     | AV5      | +0.00 | TEH   | TEC    |        | 60    | COLD  | 610UL |
|       |       | 0.30  | 117   | P2    | TWD   | 11    | AV3      | +0.00 | TEH   | TEC    |        | 60    | COLD  | 610UL |
|       |       | 0.27  | 104   | P2    | TWD   | 10    | AV2      | +0.00 | TEH   | TEC    |        | 60    | COLD  | 610UL |
| 84    | 113   | 0.13  | 133   | P2    | TWD   | 6     | AV2      | +0.29 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.14  | 120   | P2    | TWD   | 6     | AV5      | +0.09 | TEH   | TEC    |        | 45    | COLD  | 610UL |
| 84    | 115   | 0.21  | 96    | P2    | TWD   | 10    | AV5      | +0.18 | TEC   | TEH    |        | 41    | HOT   | 610UL |
|       |       | 0.16  | 95    | P2    | TWD   | 8     | AV4      | +0.07 | TEC   | TEH    |        | 41    | HOT   | 610UL |
| 84    | 117   | 0.28  | 103   | P2    | TWD   | 13    | AV5      | +0.24 | TEC   | TEH    |        | 40    | HOT   | 610UL |
|       |       | 0.27  | 119   | P2    | TWD   | 12    | AV4      | +0.04 | TEC   | TEH    |        | 40    | HOT   | 610UL |
|       |       | 0.31  | 109   | P2    | TWD   | 13    | AV3      | +0.00 | TEC   | TEH    |        | 40    | HOT   | 610UL |
|       |       | 0.30  | 120   | P2    | TWD   | 13    | AV2      | +0.00 | TEC   | TEH    |        | 40    | HOT   | 610UL |
| 84    | 125   | 0.18  | 147   | P2    | TWD   | 8     | AV2      | -0.11 | TEC   | TEH    |        | 35    | HOT   | 610UL |
| 85    | 36    | 0.10  | 97    | P2    | TWD   | 5     | AV4      | +0.22 | TEH   | TEC    |        | 12    | COLD  | 610UL |
| 85    | 68    | 0.25  | 130   | P2    | TWD   | 10    | AV7      | +0.09 | TEH   | TEC    |        | 22    | COLD  | 610UL |
| 85    | 70    | 0.17  | 125   | P2    | TWD   | 7     | AV3      | +0.02 | TEH   | TEC    |        | 32    | COLD  | 610UL |
| 85    | 72    | 0.16  | 134   | P2    | TWD   | 7     | AV2      | +0.00 | TEH   | TEC    |        | 30    | COLD  | 610UL |
|       |       | 0.34  | 122   | P2    | TWD   | 12    | AV3      | +0.00 | TEH   | TEC    |        | 30    | COLD  | 610UL |
|       |       | 0.29  | 123   | P2    | TWD   | 11    | AV4      | +0.00 | TEH   | TEC    |        | 30    | COLD  | 610UL |
|       |       | 0.22  | 134   | P2    | TWD   | 9     | AV5      | +0.00 | TEH   | TEC    |        | 30    | COLD  | 610UL |
| 85    | 74    | 0.32  | 107   | P2    | TWD   | 12    | AV8      | +0.17 | TEH   | TEC    |        | 29    | COLD  | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 85  | 76  | 0.23  | 120 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.22  | 115 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.50  | 122 | P2  | TWD | 16  | AV6      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.27  | 125 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
| 85  | 78  | 0.17  | 130 | P2  | TWD | 7   | AV7      | +0.04 | TEH | TEC    |        | 26    | COLD | 610UL |
| 85  | 80  | 0.21  | 101 | P2  | TWD | 8   | AV6      | +0.07 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.16  | 131 | P2  | TWD | 6   | AV7      | +0.04 | TEH | TEC    |        | 26    | COLD | 610UL |
| 85  | 82  | 0.22  | 115 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.17  | 113 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.18  | 127 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.31  | 122 | P2  | TWD | 12  | AV7      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 85  | 84  | 0.21  | 126 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.25  | 133 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.18  | 133 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.41  | 127 | P2  | TWD | 15  | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.31  | 129 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.27  | 110 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 85  | 86  | 0.20  | 120 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.13  | 121 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.28  | 130 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.39  | 123 | P2  | TWD | 14  | AV7      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
| 85  | 88  | 0.12  | 140 | P2  | TWD | 4   | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.25  | 120 | P2  | TWD | 9   | AV5      | -0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.22  | 124 | P2  | TWD | 8   | AV4      | +0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.16  | 67  | P2  | TWD | 6   | AV2      | +0.09 | TEH | TEC    |        | 47    | COLD | 610UL |
| 85  | 90  | 0.25  | 123 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.14  | 119 | P2  | TWD | 5   | AV3      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.13  | 105 | P2  | TWD | 5   | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
| 85  | 92  | 0.13  | 146 | P2  | TWD | 5   | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.37  | 132 | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.38  | 123 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.30  | 127 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.30  | 133 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.12  | 145 | P2  | TWD | 5   | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 85  | 94  | 0.13  | 113 | P2  | TWD | 5   | AV1      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.19  | 131 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.35  | 134 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.32  | 133 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.15  | 130 | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.18  | 143 | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 85  | 96  | 0.21  | 126 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.34  | 129 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.16  | 131 | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 85  | 98  | 0.18  | 98  | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.25  | 115 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.40  | 115 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.36  | 130 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
| 85  | 100 | 0.22  | 110 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
|     |     | 0.34  | 118 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
|     |     | 0.18  | 72  | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
|     |     | 0.23  | 116 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
|     |     | 0.20  | 121 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
| 85  | 102 | 0.31  | 128 | P2  | TWD | 11  | AV5      | +0.24 | TEH | TEC    |        | 54    | COLD | 610UL |
| 85  | 104 | 0.21  | 93  | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.34  | 116 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.35  | 110 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.31  | 119 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.36  | 117 | P2  | TWD | 13  | AV2      | -0.02 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.16  | 106 | P2  | TWD | 6   | AV1      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
| 85  | 106 | 0.22  | 126 | P2  | TWD | 9   | AV3      | -0.04 | TEH | TEC    |        | 58    | COLD | 610UL |
|     |     | 0.20  | 111 | P2  | TWD | 8   | AV7      | +0.15 | TEH | TEC    |        | 58    | COLD | 610UL |
| 85  | 110 | 0.30  | 123 | P2  | TWD | 11  | AV5      | +0.09 | TEH | TEC    |        | 59    | COLD | 610UL |
| 85  | 112 | 0.23  | 128 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC    |        | 62    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 85  | 114 | 0.22  | 133 | P2  | TWD | 9   | AV3      | -0.02 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.13  | 136 | P2  | TWD | 6   | AV6      | +0.04 | TEH | TEC    |        | 45    | COLD | 610UL |
| 86  | 63  | 0.15  | 136 | P2  | TWD | 6   | AV1      | +0.00 | TEH | TEC    |        | 19    | COLD | 610UL |
| 86  | 71  | 0.26  | 132 | P2  | TWD | 10  | AV4      | -0.04 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.24  | 127 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.17  | 147 | P2  | TWD | 7   | AV6      | +0.13 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.15  | 144 | P2  | TWD | 6   | AV7      | +0.02 | TEH | TEC    |        | 30    | COLD | 610UL |
| 86  | 73  | 0.40  | 112 | P2  | TWD | 14  | AV6      | +0.00 | TEH | TEC    |        | 29    | COLD | 610UL |
|     |     | 0.20  | 96  | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 29    | COLD | 610UL |
| 86  | 75  | 0.50  | 125 | P2  | TWD | 17  | AV2      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
| 86  | 77  | 0.34  | 132 | P2  | TWD | 13  | AV7      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.26  | 120 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.16  | 137 | P2  | TWD | 7   | AV3      | -0.04 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.16  | 132 | P2  | TWD | 7   | AV4      | +0.02 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.16  | 116 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
| 86  | 79  | 0.28  | 123 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
| 86  | 81  | 0.35  | 135 | P2  | TWD | 13  | AV5      | +0.02 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.20  | 134 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
| 86  | 83  | 0.12  | 148 | P2  | TWD | 5   | AV3      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.23  | 130 | P2  | TWD | 9   | AV4      | +0.11 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.15  | 120 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |
| 86  | 85  | 0.14  | 99  | P2  | TWD | 6   | AV3      | +0.07 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.26  | 125 | P2  | TWD | 10  | AV4      | -0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.25  | 134 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.28  | 117 | P2  | TWD | 11  | AV6      | +0.09 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.16  | 113 | P2  | TWD | 7   | AV7      | +0.07 | TEH | TEC    |        | 23    | COLD | 610UL |
| 86  | 87  | 0.18  | 108 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.27  | 101 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.26  | 120 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
| 86  | 89  | 0.19  | 125 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.27  | 124 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.24  | 124 | P2  | TWD | 8   | AV3      | -0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.31  | 122 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.22  | 134 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
| 86  | 91  | 0.31  | 131 | P2  | TWD | 10  | AV6      | +0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.21  | 132 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.34  | 115 | P2  | TWD | 11  | AV4      | -0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
| 86  | 93  | 0.35  | 138 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.25  | 134 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.25  | 137 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.24  | 140 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.27  | 136 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
| 86  | 95  | 0.31  | 138 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.46  | 131 | P2  | TWD | 15  | AV4      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.12  | 151 | P2  | TWD | 5   | AV3      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.34  | 137 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.18  | 150 | P2  | TWD | 7   | AV1      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
| 86  | 97  | 0.24  | 152 | P2  | TWD | 7   | AV2      | +0.04 | TEH | TEC    |        | 50    | COLD | 610UL |
| 86  | 99  | 0.14  | 77  | P2  | TWD | 6   | AV7      | +0.20 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.16  | 98  | P2  | TWD | 6   | AV6      | +0.22 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.20  | 101 | P2  | TWD | 7   | AV3      | +0.07 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.11  | 88  | P2  | TWD | 5   | AV2      | +0.20 | TEH | TEC    |        | 51    | COLD | 610UL |
| 86  | 103 | 0.50  | 134 | P2  | TWD | 16  | AV2      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
| 86  | 105 | 0.21  | 137 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.20  | 151 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
| 86  | 109 | 0.16  | 125 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 59    | COLD | 610UL |
| 86  | 125 | 0.16  | 109 | P2  | TWD | 8   | AV2      | -0.02 | TEC | TEH    |        | 34    | HOT  | 610UL |
| 87  | 74  | 0.20  | 122 | P2  | TWD | 8   | AV5      | +0.04 | TEH | TEC    |        | 30    | COLD | 610UL |
| 87  | 76  | 0.15  | 137 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.18  | 122 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
| 87  | 80  | 0.24  | 139 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.18  | 126 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.16  | 137 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-------|------|-------|
| 87  | 82  | 0.36  | 132 | P2  | TWD | 13  | AV3      | +0.04 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
|     |     | 0.16  | 136 | P2  | TWD | 7   | AV4      | +0.04 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
|     |     | 0.19  | 126 | P2  | TWD | 8   | AV5      | +0.04 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
|     |     | 0.22  | 133 | P2  | TWD | 9   | AV6      | +0.09 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
|     |     | 0.33  | 125 | P2  | TWD | 12  | AV7      | +0.04 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
| 87  | 84  | 0.12  | 101 | P2  | TWD | 5   | AV2      | +0.02 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
|     |     | 0.16  | 138 | P2  | TWD | 7   | AV4      | +0.04 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
|     |     | 0.26  | 118 | P2  | TWD | 10  | AV5      | +0.07 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
|     |     | 0.20  | 134 | P2  | TWD | 8   | AV6      | +0.07 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
|     |     | 0.24  | 117 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
| 87  | 86  | 0.22  | 113 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 44    | COLD | 610UL |
|     |     | 0.22  | 128 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC  |   |      |   | 44    | COLD | 610UL |
|     |     | 0.53  | 130 | P2  | TWD | 17  | AV3      | +0.00 | TEH | TEC  |   |      |   | 44    | COLD | 610UL |
| 87  | 88  | 0.26  | 138 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC  |   |      |   | 46    | COLD | 610UL |
|     |     | 0.24  | 143 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC  |   |      |   | 46    | COLD | 610UL |
|     |     | 0.15  | 120 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 46    | COLD | 610UL |
| 87  | 90  | 0.14  | 120 | P2  | TWD | 5   | AV2      | +0.20 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.34  | 117 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.17  | 135 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.27  | 115 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.26  | 111 | P2  | TWD | 9   | AV6      | +0.09 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.20  | 114 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.16  | 137 | P2  | TWD | 6   | AV8      | +0.00 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
| 87  | 92  | 0.25  | 139 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.39  | 135 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.19  | 143 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.21  | 125 | P2  | TWD | 8   | AV4      | +0.17 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.47  | 141 | P2  | TWD | 15  | AV3      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.38  | 132 | P2  | TWD | 13  | AV2      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
| 87  | 94  | 0.31  | 140 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.32  | 136 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.27  | 141 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.31  | 134 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.24  | 139 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.26  | 133 | P2  | TWD | 9   | AV1      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.16  | 143 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
| 87  | 96  | 0.61  | 120 | P2  | TWD | 18  | AV3      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.26  | 127 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.15  | 129 | P2  | TWD | 6   | AV1      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.16  | 149 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.18  | 142 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.38  | 121 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
| 87  | 98  | 0.55  | 132 | P2  | TWD | 14  | AV6      | +0.00 | TEH | TEC  |   |      |   | 50    | COLD | 610UL |
|     |     | 0.43  | 141 | P2  | TWD | 12  | AV7      | +0.02 | TEH | TEC  |   |      |   | 50    | COLD | 610UL |
|     |     | 0.23  | 153 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |   |      |   | 50    | COLD | 610UL |
|     |     | 0.46  | 139 | P2  | TWD | 13  | AV3      | +0.04 | TEH | TEC  |   |      |   | 50    | COLD | 610UL |
|     |     | 0.37  | 146 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC  |   |      |   | 50    | COLD | 610UL |
|     |     | 0.33  | 105 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC  |   |      |   | 50    | COLD | 610UL |
| 87  | 100 | 0.30  | 134 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC  |   |      |   | 52    | COLD | 610UL |
|     |     | 0.36  | 137 | P2  | TWD | 10  | AV3      | -0.02 | TEH | TEC  |   |      |   | 52    | COLD | 610UL |
| 87  | 102 | 0.15  | 104 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC  |   |      |   | 53    | COLD | 610UL |
|     |     | 0.27  | 100 | P2  | TWD | 10  | AV5      | +0.24 | TEH | TEC  |   |      |   | 53    | COLD | 610UL |
|     |     | 0.47  | 110 | P2  | TWD | 15  | AV4      | +0.00 | TEH | TEC  |   |      |   | 53    | COLD | 610UL |
|     |     | 0.39  | 126 | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC  |   |      |   | 53    | COLD | 610UL |
| 87  | 104 | 0.37  | 137 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC  |   |      |   | 55    | COLD | 610UL |
|     |     | 0.19  | 148 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |   |      |   | 55    | COLD | 610UL |
|     |     | 0.33  | 141 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC  |   |      |   | 55    | COLD | 610UL |
|     |     | 0.53  | 137 | P2  | TWD | 16  | AV3      | +0.00 | TEH | TEC  |   |      |   | 55    | COLD | 610UL |
|     |     | 0.32  | 144 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC  |   |      |   | 55    | COLD | 610UL |
|     |     | 0.23  | 145 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |   |      |   | 55    | COLD | 610UL |
| 87  | 106 | 0.18  | 136 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |   |      |   | 57    | COLD | 610UL |
| 87  | 108 | 0.21  | 143 | P2  | TWD | 8   | AV3      | +0.06 | TEH | TEC  |   |      |   | 59    | COLD | 610UL |
|     |     | 0.30  | 121 | P2  | TWD | 11  | AV4      | +0.11 | TEH | TEC  |   |      |   | 59    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 87  | 110 | 0.13  | 129 | P2  | TWD | 5   | AV2      | +0.00 | TEH | TEC    |        | 60    | COLD | 610UL |
| 87  | 112 | 0.20  | 149 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 61    | COLD | 610UL |
| 87  | 114 | 0.21  | 113 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.20  | 106 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
| 87  | 116 | 0.15  | 70  | P2  | TWD | 7   | AV5      | -0.22 | TEC | TEH    |        | 40    | HOT  | 610UL |
|     |     | 0.17  | 88  | P2  | TWD | 9   | AV6      | -0.07 | TEC | TEH    |        | 40    | HOT  | 610UL |
| 88  | 63  | 0.17  | 97  | P2  | TWD | 7   | AV6      | +0.04 | TEH | TEC    |        | 20    | COLD | 610UL |
| 88  | 65  | 0.15  | 135 | P2  | TWD | 6   | AV2      | +0.04 | TEH | TEC    |        | 20    | COLD | 610UL |
| 88  | 69  | 0.12  | 122 | P2  | TWD | 5   | AV7      | +0.18 | TEH | TEC    |        | 24    | COLD | 610UL |
| 88  | 71  | 0.19  | 109 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 29    | COLD | 610UL |
|     |     | 0.21  | 91  | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 29    | COLD | 610UL |
| 88  | 73  | 0.27  | 117 | P2  | TWD | 10  | AV1      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.48  | 121 | P2  | TWD | 16  | AV2      | +0.07 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.23  | 137 | P2  | TWD | 9   | AV8      | +0.02 | TEH | TEC    |        | 30    | COLD | 610UL |
| 88  | 75  | 0.17  | 118 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.19  | 119 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.17  | 144 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
| 88  | 77  | 0.17  | 114 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.21  | 137 | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.16  | 126 | P2  | TWD | 7   | AV1      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.15  | 131 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
| 88  | 81  | 0.21  | 123 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.26  | 128 | P2  | TWD | 10  | AV4      | +0.02 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.30  | 125 | P2  | TWD | 11  | AV5      | -0.02 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.21  | 122 | P2  | TWD | 8   | AV6      | +0.04 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.35  | 125 | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.22  | 121 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 88  | 87  | 0.13  | 105 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.28  | 120 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.16  | 113 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.33  | 127 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.26  | 111 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.16  | 119 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
| 88  | 89  | 0.23  | 123 | P2  | TWD | 8   | AV6      | +0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
| 88  | 91  | 0.12  | 108 | P2  | TWD | 5   | AV1      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.27  | 123 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.19  | 126 | P2  | TWD | 7   | AV3      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.35  | 122 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.33  | 119 | P2  | TWD | 11  | AV6      | +0.07 | TEH | TEC    |        | 47    | COLD | 610UL |
| 88  | 93  | 0.31  | 128 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.22  | 122 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.13  | 140 | P2  | TWD | 5   | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 88  | 95  | 0.21  | 131 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.46  | 123 | P2  | TWD | 15  | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.39  | 123 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.24  | 120 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 88  | 97  | 0.12  | 118 | P2  | TWD | 5   | AV5      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.14  | 130 | P2  | TWD | 5   | AV6      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
| 88  | 99  | 0.23  | 157 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 50    | COLD | 610UL |
|     |     | 0.43  | 138 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC    |        | 50    | COLD | 610UL |
| 88  | 101 | 0.20  | 99  | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
|     |     | 0.30  | 122 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
|     |     | 0.20  | 102 | P2  | TWD | 7   | AV1      | +0.02 | TEH | TEC    |        | 53    | COLD | 610UL |
| 88  | 103 | 0.23  | 110 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.28  | 109 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.19  | 110 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.36  | 124 | P2  | TWD | 13  | AV2      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
| 88  | 105 | 0.20  | 114 | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.15  | 76  | P2  | TWD | 6   | AV4      | -0.24 | TEH | TEC    |        | 56    | COLD | 610UL |
| 88  | 107 | 0.20  | 119 | P2  | TWD | 8   | AV3      | +0.02 | TEH | TEC    |        | 58    | COLD | 610UL |
| 88  | 109 | 0.19  | 120 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
| 88  | 113 | 0.21  | 116 | P2  | TWD | 9   | AV1      | +0.22 | TEH | TEC    |        | 45    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 88  | 117 | 0.17  | 110 | P2  | TWD | 8   | AV3      | -0.04 | TEC | TEH    |        | 40    | HOT  | 610UL |
| 89  | 72  | 0.17  | 122 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.32  | 120 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.18  | 131 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
| 89  | 76  | 0.28  | 107 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.29  | 110 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.52  | 117 | P2  | TWD | 17  | AV7      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.23  | 138 | P2  | TWD | 9   | AV8      | +0.11 | TEH | TEC    |        | 28    | COLD | 610UL |
| 89  | 78  | 0.15  | 129 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.18  | 113 | P2  | TWD | 7   | AV4      | +0.04 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.23  | 127 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 26    | COLD | 610UL |
| 89  | 80  | 0.19  | 109 | P2  | TWD | 8   | AV7      | +0.04 | TEH | TEC    |        | 26    | COLD | 610UL |
| 89  | 82  | 0.18  | 114 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.22  | 121 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.17  | 121 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.19  | 119 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 89  | 84  | 0.22  | 120 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.15  | 130 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.18  | 137 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.15  | 130 | P2  | TWD | 7   | AV6      | +0.02 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.50  | 127 | P2  | TWD | 17  | AV7      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 89  | 86  | 0.14  | 65  | P2  | TWD | 6   | AV1      | -0.09 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.43  | 127 | P2  | TWD | 15  | AV2      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.48  | 123 | P2  | TWD | 16  | AV3      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.21  | 127 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.29  | 126 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.32  | 126 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.28  | 117 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
| 89  | 88  | 0.28  | 127 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.34  | 126 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.33  | 111 | P2  | TWD | 11  | AV5      | +0.07 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.36  | 112 | P2  | TWD | 12  | AV4      | -0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
| 89  | 90  | 0.46  | 116 | P2  | TWD | 14  | AV2      | +0.09 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.37  | 128 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.17  | 119 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.13  | 122 | P2  | TWD | 5   | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.29  | 129 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.21  | 134 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
| 89  | 92  | 0.29  | 130 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.38  | 126 | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.14  | 141 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.20  | 133 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.29  | 140 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.21  | 132 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 89  | 94  | 0.30  | 134 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.27  | 121 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.26  | 124 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.47  | 127 | P2  | TWD | 15  | AV7      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.15  | 151 | P2  | TWD | 6   | AV1      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 89  | 96  | 0.12  | 144 | P2  | TWD | 5   | AV5      | +0.20 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.15  | 129 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 89  | 98  | 0.17  | 93  | P2  | TWD | 7   | AV7      | -0.17 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.19  | 131 | P2  | TWD | 7   | AV6      | -0.17 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.26  | 120 | P2  | TWD | 9   | AV5      | -0.17 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.14  | 111 | P2  | TWD | 5   | AV4      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.46  | 115 | P2  | TWD | 15  | AV3      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.19  | 130 | P2  | TWD | 7   | AV2      | +0.20 | TEH | TEC    |        | 51    | COLD | 610UL |
| 89  | 100 | 0.22  | 134 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
|     |     | 0.21  | 129 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
|     |     | 0.15  | 99  | P2  | TWD | 6   | AV6      | +0.20 | TEH | TEC    |        | 53    | COLD | 610UL |
| 89  | 102 | 0.23  | 139 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 54    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 89  | 108 | 0.13  | 148 | P2  | TWD | 5   | AV6      | +0.00 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
|     |     | 0.15  | 92  | P2  | TWD | 6   | AV5      | +0.15 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
|     |     | 0.17  | 124 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
|     |     | 0.19  | 132 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
| 89  | 112 | 0.31  | 128 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC  |   |      |   | 62  |   | COLD | 610UL |
| 89  | 120 | 0.14  | 142 | P2  | TWD | 6   | AV5      | -0.02 | TEC | TEH  |   |      |   | 37  |   | HOT  | 610UL |
| 90  | 65  | 0.18  | 110 | P2  | TWD | 8   | AV2      | -0.02 | TEH | TEC  |   |      |   | 19  |   | COLD | 610UL |
| 90  | 69  | 0.17  | 129 | P2  | TWD | 7   | AV6      | +0.07 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.19  | 110 | P2  | TWD | 8   | AV7      | +0.15 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
| 90  | 71  | 0.20  | 111 | P2  | TWD | 8   | AV4      | +0.02 | TEH | TEC  |   |      |   | 30  |   | COLD | 610UL |
|     |     | 0.29  | 129 | P2  | TWD | 11  | AV5      | +0.04 | TEH | TEC  |   |      |   | 30  |   | COLD | 610UL |
|     |     | 0.23  | 111 | P2  | TWD | 9   | AV6      | +0.04 | TEH | TEC  |   |      |   | 30  |   | COLD | 610UL |
| 90  | 73  | 0.20  | 72  | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |   |      |   | 29  |   | COLD | 610UL |
|     |     | 0.23  | 86  | P2  | TWD | 9   | AV8      | +0.00 | TEH | TEC  |   |      |   | 29  |   | COLD | 610UL |
| 90  | 75  | 0.17  | 139 | P2  | TWD | 7   | AV7      | +0.02 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
| 90  | 77  | 0.17  | 124 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
|     |     | 0.29  | 127 | P2  | TWD | 11  | AV8      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
|     |     | 0.17  | 129 | P2  | TWD | 7   | AV3      | +0.13 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
| 90  | 81  | 0.15  | 120 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.27  | 136 | P2  | TWD | 11  | AV4      | +0.04 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.24  | 133 | P2  | TWD | 10  | AV5      | +0.04 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.24  | 127 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
| 90  | 85  | 0.20  | 140 | P2  | TWD | 8   | AV5      | +0.04 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.35  | 130 | P2  | TWD | 13  | AV7      | -0.02 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
| 90  | 87  | 0.26  | 130 | P2  | TWD | 10  | AV5      | +0.07 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.16  | 120 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.17  | 81  | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
| 90  | 89  | 0.16  | 134 | P2  | TWD | 6   | AV6      | +0.02 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.31  | 124 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.22  | 138 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.17  | 83  | P2  | TWD | 6   | AV3      | -0.20 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.14  | 128 | P2  | TWD | 5   | AV2      | +0.24 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 90  | 91  | 0.20  | 116 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.21  | 130 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.34  | 127 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 90  | 93  | 0.34  | 135 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.20  | 139 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.22  | 147 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.34  | 129 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
| 90  | 95  | 0.23  | 142 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.30  | 129 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.23  | 139 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.16  | 126 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.40  | 130 | P2  | TWD | 13  | AV2      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
| 90  | 97  | 0.34  | 153 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC  |   |      |   | 50  |   | COLD | 610UL |
|     |     | 0.27  | 153 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |   |      |   | 50  |   | COLD | 610UL |
|     |     | 0.22  | 159 | P2  | TWD | 7   | AV5      | +0.02 | TEH | TEC  |   |      |   | 50  |   | COLD | 610UL |
| 90  | 101 | 0.29  | 137 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC  |   |      |   | 54  |   | COLD | 610UL |
|     |     | 0.23  | 126 | P2  | TWD | 8   | AV4      | -0.24 | TEH | TEC  |   |      |   | 54  |   | COLD | 610UL |
|     |     | 0.22  | 121 | P2  | TWD | 8   | AV5      | -0.19 | TEH | TEC  |   |      |   | 54  |   | COLD | 610UL |
|     |     | 0.19  | 151 | P2  | TWD | 7   | AV6      | -0.04 | TEH | TEC  |   |      |   | 54  |   | COLD | 610UL |
| 90  | 103 | 0.22  | 145 | P2  | TWD | 8   | AV3      | -0.09 | TEH | TEC  |   |      |   | 55  |   | COLD | 610UL |
|     |     | 0.32  | 132 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC  |   |      |   | 55  |   | COLD | 610UL |
|     |     | 0.22  | 144 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 30  |   | COLD | 610UL |
|     |     | 0.20  | 136 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |   |      |   | 30  |   | COLD | 610UL |
| 91  | 76  | 0.30  | 120 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
|     |     | 0.24  | 126 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
|     |     | 0.22  | 112 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
|     |     | 0.30  | 131 | P2  | TWD | 12  | AV7      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
| 91  | 78  | 0.28  | 130 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.32  | 127 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.21  | 134 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
| 91  | 80  | 0.19  | 132 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.22  | 143 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 91  | 82  | 0.14  | 132 | P2  | TWD | 6   | AV2      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.15  | 137 | P2  | TWD | 6   | AV3      | -0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.21  | 130 | P2  | TWD | 8   | AV6      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.22  | 119 | P2  | TWD | 9   | AV7      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
| 91  | 84  | 0.40  | 125 | P2  | TWD | 14  | AV4      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.34  | 132 | P2  | TWD | 12  | AV5      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.24  | 127 | P2  | TWD | 9   | AV6      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.58  | 120 | P2  | TWD | 18  | AV7      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
| 91  | 86  | 0.50  | 114 | P2  | TWD | 16  | AV7      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.31  | 113 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.34  | 114 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.28  | 120 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.44  | 113 | P2  | TWD | 15  | AV3      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.31  | 112 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
| 91  | 88  | 0.20  | 135 | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC    |        | 46    | COLD | 610UL |
|     |     | 0.44  | 113 | P2  | TWD | 14  | AV7      | +0.00 | TEH | TEC    |        | 46    | COLD | 610UL |
|     |     | 0.19  | 132 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 46    | COLD | 610UL |
|     |     | 0.26  | 130 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 46    | COLD | 610UL |
|     |     | 0.39  | 119 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC    |        | 46    | COLD | 610UL |
| 91  | 90  | 0.13  | 130 | P2  | TWD | 5   | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.27  | 133 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.36  | 132 | P2  | TWD | 12  | AV7      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
| 91  | 92  | 0.33  | 130 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.53  | 123 | P2  | TWD | 16  | AV3      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.35  | 140 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.35  | 136 | P2  | TWD | 12  | AV7      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.25  | 134 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.18  | 148 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
| 91  | 94  | 0.32  | 141 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.26  | 130 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.17  | 143 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.35  | 137 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.21  | 141 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.25  | 143 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.14  | 154 | P2  | TWD | 6   | AV8      | +0.02 | TEH | TEC    |        | 49    | COLD | 610UL |
| 91  | 96  | 0.25  | 134 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.21  | 131 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.27  | 123 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.32  | 134 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.17  | 137 | P2  | TWD | 7   | AV1      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
| 91  | 98  | 0.31  | 141 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 50    | COLD | 610UL |
|     |     | 0.39  | 144 | P2  | TWD | 11  | AV4      | +0.11 | TEH | TEC    |        | 50    | COLD | 610UL |
|     |     | 0.31  | 148 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 50    | COLD | 610UL |
|     |     | 0.26  | 155 | P2  | TWD | 8   | AV6      | +0.09 | TEH | TEC    |        | 50    | COLD | 610UL |
| 91  | 102 | 0.29  | 116 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
|     |     | 0.16  | 107 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
|     |     | 0.16  | 82  | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
| 91  | 104 | 0.24  | 148 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.43  | 138 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.29  | 145 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.36  | 141 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
|     |     | 0.32  | 144 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC    |        | 55    | COLD | 610UL |
| 91  | 108 | 0.13  | 142 | P2  | TWD | 5   | AV3      | +0.02 | TEH | TEC    |        | 57    | COLD | 610UL |
|     |     | 0.12  | 98  | P2  | TWD | 5   | AV4      | +0.02 | TEH | TEC    |        | 57    | COLD | 610UL |
| 91  | 110 | 0.10  | 79  | P2  | TWD | 4   | AV5      | +0.17 | TEH | TEC    |        | 60    | COLD | 610UL |
| 91  | 112 | 0.18  | 157 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 61    | COLD | 610UL |
| 91  | 118 | 0.16  | 122 | P2  | TWD | 8   | AV2      | +0.00 | TEC | TEH    |        | 38    | HOT  | 610UL |
| 92  | 67  | 0.15  | 136 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 22    | COLD | 610UL |
| 92  | 69  | 0.14  | 135 | P2  | TWD | 6   | AV7      | +0.07 | TEH | TEC    |        | 24    | COLD | 610UL |
| 92  | 71  | 0.17  | 96  | P2  | TWD | 7   | AV4      | -0.09 | TEH | TEC    |        | 29    | COLD | 610UL |
|     |     | 0.36  | 109 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC    |        | 29    | COLD | 610UL |
|     |     | 0.29  | 107 | P2  | TWD | 11  | AV7      | +0.07 | TEH | TEC    |        | 29    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 92  | 73  | 0.19  | 122 | P2  | TWD | 8   | AV1      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.46  | 123 | P2  | TWD | 15  | AV3      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.22  | 91  | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.40  | 129 | P2  | TWD | 14  | AV6      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.18  | 131 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
| 92  | 75  | 0.17  | 103 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.16  | 108 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.24  | 116 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.34  | 117 | P2  | TWD | 12  | AV7      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.38  | 123 | P2  | TWD | 13  | AV8      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
| 92  | 77  | 0.38  | 111 | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.46  | 120 | P2  | TWD | 15  | AV6      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
| 92  | 79  | 0.25  | 129 | P2  | TWD | 10  | AV3      | +0.02 | TEH | TEC    |        | 26    | COLD | 610UL |
| 92  | 81  | 0.42  | 129 | P2  | TWD | 15  | AV3      | +0.00 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.53  | 123 | P2  | TWD | 17  | AV4      | +0.00 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.24  | 123 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.34  | 127 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC    |        | 26    | COLD | 610UL |
| 92  | 83  | 0.28  | 128 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.28  | 127 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.37  | 123 | P2  | TWD | 14  | AV6      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 92  | 85  | 0.19  | 113 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.43  | 125 | P2  | TWD | 15  | AV3      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.25  | 116 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.15  | 115 | P2  | TWD | 7   | AV5      | -0.18 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.28  | 127 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 92  | 87  | 0.15  | 111 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.24  | 138 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.16  | 127 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.22  | 111 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
| 92  | 89  | 0.14  | 113 | P2  | TWD | 5   | AV6      | +0.07 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.17  | 97  | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.29  | 119 | P2  | TWD | 10  | AV4      | +0.07 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.19  | 102 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
| 92  | 91  | 0.16  | 120 | P2  | TWD | 6   | AV2      | -0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.23  | 131 | P2  | TWD | 8   | AV4      | -0.11 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.27  | 119 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.31  | 123 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.15  | 145 | P2  | TWD | 5   | AV8      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
| 92  | 93  | 0.26  | 136 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.38  | 127 | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.19  | 120 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.38  | 128 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.30  | 135 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 92  | 95  | 0.13  | 129 | P2  | TWD | 5   | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.42  | 127 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.35  | 132 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.25  | 124 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.38  | 131 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 92  | 97  | 0.23  | 124 | P2  | TWD | 9   | AV5      | +0.07 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.33  | 116 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.46  | 107 | P2  | TWD | 15  | AV3      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
|     |     | 0.36  | 124 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC    |        | 51    | COLD | 610UL |
| 92  | 101 | 0.18  | 81  | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
| 92  | 103 | 0.15  | 112 | P2  | TWD | 6   | AV7      | +0.09 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.26  | 121 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.23  | 105 | P2  | TWD | 9   | AV4      | -0.13 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.41  | 110 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.19  | 93  | P2  | TWD | 7   | AV2      | +0.09 | TEH | TEC    |        | 56    | COLD | 610UL |
| 92  | 115 | 0.14  | 108 | P2  | TWD | 7   | AV5      | -0.13 | TEC | TEH    |        | 41    | HOT  | 610UL |
| 93  | 72  | 0.22  | 117 | P2  | TWD | 9   | AV1      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.21  | 133 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.17  | 133 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.19  | 136 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.22  | 131 | P2  | TWD | 9   | AV8      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 93  | 74  | 0.19  | 105 | P2  | TWD | 7   | AV6      | +0.11 | TEH | TEC  |   |      |   | 29  |   | COLD | 610UL |
|     |     | 0.22  | 102 | P2  | TWD | 9   | AV7      | +0.15 | TEH | TEC  |   |      |   | 29  |   | COLD | 610UL |
| 93  | 76  | 0.18  | 124 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
|     |     | 0.29  | 130 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
|     |     | 0.17  | 128 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
| 93  | 78  | 0.33  | 120 | P2  | TWD | 12  | AV5      | +0.04 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
|     |     | 0.26  | 128 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
| 93  | 82  | 0.26  | 129 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.16  | 131 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.28  | 126 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
| 93  | 84  | 0.44  | 128 | P2  | TWD | 16  | AV2      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.46  | 128 | P2  | TWD | 16  | AV4      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.28  | 121 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.29  | 115 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.56  | 119 | P2  | TWD | 18  | AV7      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
| 93  | 86  | 0.42  | 119 | P2  | TWD | 15  | AV2      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
|     |     | 0.25  | 90  | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
|     |     | 0.33  | 128 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
|     |     | 0.46  | 121 | P2  | TWD | 16  | AV6      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
|     |     | 0.16  | 107 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.22  | 133 | P2  | TWD | 8   | AV6      | +0.04 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.21  | 127 | P2  | TWD | 7   | AV5      | +0.02 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.46  | 115 | P2  | TWD | 14  | AV4      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.24  | 133 | P2  | TWD | 8   | AV3      | +0.02 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.18  | 105 | P2  | TWD | 6   | AV1      | -0.04 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.13  | 122 | P2  | TWD | 5   | AV2      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 93  | 90  | 0.27  | 128 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.59  | 126 | P2  | TWD | 17  | AV3      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.36  | 130 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.20  | 124 | P2  | TWD | 7   | AV5      | +0.09 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.35  | 108 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.36  | 118 | P2  | TWD | 12  | AV7      | +0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 93  | 92  | 0.34  | 116 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.44  | 127 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.36  | 132 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.21  | 133 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.30  | 136 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.18  | 94  | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 93  | 94  | 0.38  | 118 | P2  | TWD | 13  | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.37  | 130 | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.38  | 126 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 93  | 96  | 0.30  | 130 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.30  | 135 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.40  | 133 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.25  | 136 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 93  | 98  | 0.19  | 119 | P2  | TWD | 7   | AV5      | -0.15 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
|     |     | 0.17  | 117 | P2  | TWD | 6   | AV3      | -0.02 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
| 93  | 100 | 0.23  | 109 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
|     |     | 0.23  | 115 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
| 93  | 102 | 0.43  | 125 | P2  | TWD | 14  | AV2      | +0.00 | TEH | TEC  |   |      |   | 54  |   | COLD | 610UL |
|     |     | 0.19  | 141 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC  |   |      |   | 54  |   | COLD | 610UL |
|     |     | 0.24  | 127 | P2  | TWD | 9   | AV5      | +0.24 | TEH | TEC  |   |      |   | 54  |   | COLD | 610UL |
|     |     | 0.33  | 135 | P2  | TWD | 11  | AV6      | +0.02 | TEH | TEC  |   |      |   | 54  |   | COLD | 610UL |
|     |     | 0.23  | 138 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |   |      |   | 54  |   | COLD | 610UL |
| 93  | 104 | 0.19  | 114 | P2  | TWD | 8   | AV7      | +0.07 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
|     |     | 0.20  | 110 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
|     |     | 0.17  | 85  | P2  | TWD | 7   | AV4      | +0.17 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
| 93  | 106 | 0.26  | 127 | P2  | TWD | 10  | AV3      | -0.02 | TEH | TEC  |   |      |   | 58  |   | COLD | 610UL |
| 93  | 110 | 0.13  | 118 | P2  | TWD | 5   | AV4      | +0.15 | TEH | TEC  |   |      |   | 59  |   | COLD | 610UL |
|     |     | 0.24  | 108 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC  |   |      |   | 59  |   | COLD | 610UL |
| 93  | 114 | 0.13  | 114 | P2  | TWD | 6   | AV5      | -0.02 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
|     |     | 0.10  | 141 | P2  | TWD | 5   | AV6      | +0.09 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
| 93  | 128 | 0.15  | 132 | P2  | TWD | 6   | AV2      | -0.02 | TEC | TEH  |   |      |   | 33  |   | HOT  | 610UL |
| 94  | 71  | 0.37  | 131 | P2  | TWD | 13  | AV7      | +0.07 | TEH | TEC  |   |      |   | 30  |   | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-------|------|-------|
| 94  | 73  | 0.16  | 102 | P2  | TWD | 7   | AV1      | +0.00 | TEH | TEC  |   |      |   | 29    | COLD | 610UL |
|     |     | 0.23  | 109 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 29    | COLD | 610UL |
|     |     | 0.32  | 96  | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC  |   |      |   | 29    | COLD | 610UL |
|     |     | 0.29  | 104 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC  |   |      |   | 29    | COLD | 610UL |
|     |     | 0.45  | 116 | P2  | TWD | 15  | AV6      | +0.00 | TEH | TEC  |   |      |   | 29    | COLD | 610UL |
|     |     | 0.41  | 111 | P2  | TWD | 14  | AV7      | +0.00 | TEH | TEC  |   |      |   | 29    | COLD | 610UL |
|     |     | 0.40  | 112 | P2  | TWD | 14  | AV8      | +0.00 | TEH | TEC  |   |      |   | 29    | COLD | 610UL |
| 94  | 75  | 0.37  | 123 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC  |   |      |   | 27    | COLD | 610UL |
|     |     | 0.21  | 110 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC  |   |      |   | 27    | COLD | 610UL |
|     |     | 0.27  | 130 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC  |   |      |   | 27    | COLD | 610UL |
|     |     | 0.26  | 118 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC  |   |      |   | 27    | COLD | 610UL |
|     |     | 0.26  | 137 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC  |   |      |   | 27    | COLD | 610UL |
| 94  | 77  | 0.17  | 136 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 27    | COLD | 610UL |
|     |     | 0.17  | 119 | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC  |   |      |   | 27    | COLD | 610UL |
| 94  | 79  | 0.30  | 122 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC  |   |      |   | 25    | COLD | 610UL |
|     |     | 0.16  | 129 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 25    | COLD | 610UL |
|     |     | 0.18  | 136 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |   |      |   | 25    | COLD | 610UL |
| 94  | 81  | 0.15  | 147 | P2  | TWD | 7   | AV5      | +0.09 | TEH | TEC  |   |      |   | 25    | COLD | 610UL |
|     |     | 0.23  | 139 | P2  | TWD | 9   | AV6      | +0.02 | TEH | TEC  |   |      |   | 25    | COLD | 610UL |
| 94  | 83  | 0.26  | 131 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
|     |     | 0.60  | 123 | P2  | TWD | 19  | AV3      | +0.04 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
|     |     | 0.48  | 119 | P2  | TWD | 16  | AV4      | +0.00 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
|     |     | 0.42  | 122 | P2  | TWD | 15  | AV5      | +0.00 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
|     |     | 0.60  | 124 | P2  | TWD | 19  | AV6      | +0.00 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
|     |     | 0.41  | 123 | P2  | TWD | 14  | AV7      | +0.00 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
| 94  | 85  | 0.40  | 120 | P2  | TWD | 14  | AV4      | +0.07 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
|     |     | 0.35  | 122 | P2  | TWD | 13  | AV5      | -0.02 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
|     |     | 0.30  | 123 | P2  | TWD | 11  | AV6      | +0.04 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
|     |     | 0.38  | 127 | P2  | TWD | 14  | AV7      | +0.02 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
|     |     | 0.26  | 127 | P2  | TWD | 10  | AV8      | +0.04 | TEH | TEC  |   |      |   | 23    | COLD | 610UL |
| 94  | 87  | 0.18  | 121 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |   |      |   | 44    | COLD | 610UL |
|     |     | 0.27  | 111 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC  |   |      |   | 44    | COLD | 610UL |
|     |     | 0.27  | 118 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC  |   |      |   | 44    | COLD | 610UL |
| 94  | 89  | 0.40  | 113 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.44  | 124 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.30  | 124 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.49  | 120 | P2  | TWD | 15  | AV3      | -0.02 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
| 94  | 91  | 0.22  | 123 | P2  | TWD | 8   | AV5      | -0.11 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.25  | 121 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
|     |     | 0.23  | 124 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |   |      |   | 47    | COLD | 610UL |
| 94  | 93  | 0.27  | 132 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.51  | 128 | P2  | TWD | 16  | AV6      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.32  | 135 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.45  | 126 | P2  | TWD | 15  | AV3      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.35  | 137 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.16  | 146 | P2  | TWD | 6   | AV1      | -0.02 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.13  | 155 | P2  | TWD | 5   | AV8      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
| 94  | 95  | 0.27  | 137 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.20  | 141 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.22  | 126 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
|     |     | 0.12  | 149 | P2  | TWD | 5   | AV2      | -0.02 | TEH | TEC  |   |      |   | 49    | COLD | 610UL |
| 94  | 97  | 0.29  | 157 | P2  | TWD | 9   | AV4      | -0.02 | TEH | TEC  |   |      |   | 50    | COLD | 610UL |
|     |     | 0.22  | 152 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 50    | COLD | 610UL |
| 94  | 99  | 0.24  | 133 | P2  | TWD | 9   | AV6      | -0.20 | TEH | TEC  |   |      |   | 51    | COLD | 610UL |
|     |     | 0.13  | 106 | P2  | TWD | 5   | AV5      | +0.00 | TEH | TEC  |   |      |   | 51    | COLD | 610UL |
|     |     | 0.14  | 107 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC  |   |      |   | 51    | COLD | 610UL |
|     |     | 0.19  | 110 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 51    | COLD | 610UL |
| 94  | 109 | 0.13  | 121 | P2  | TWD | 6   | AV7      | +0.04 | TEH | TEC  |   |      |   | 45    | COLD | 610UL |
|     |     | 0.10  | 110 | P2  | TWD | 5   | AV6      | +0.02 | TEH | TEC  |   |      |   | 45    | COLD | 610UL |
| 95  | 72  | 0.36  | 118 | P2  | TWD | 13  | AV2      | +0.07 | TEH | TEC  |   |      |   | 29    | COLD | 610UL |
|     |     | 0.18  | 102 | P2  | TWD | 7   | AV4      | +0.07 | TEH | TEC  |   |      |   | 29    | COLD | 610UL |
|     |     | 0.21  | 103 | P2  | TWD | 8   | AV5      | +0.02 | TEH | TEC  |   |      |   | 29    | COLD | 610UL |
|     |     | 0.15  | 99  | P2  | TWD | 6   | AV6      | -0.18 | TEH | TEC  |   |      |   | 29    | COLD | 610UL |
| 95  | 74  | 0.22  | 132 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 30    | COLD | 610UL |
|     |     | 0.24  | 127 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC  |   |      |   | 30    | COLD | 610UL |
|     |     | 0.17  | 136 | P2  | TWD | 7   | AV6      | -0.04 | TEH | TEC  |   |      |   | 30    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 95  | 76  | 0.19  | 129 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.22  | 128 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
| 95  | 78  | 0.20  | 132 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.16  | 134 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
| 95  | 80  | 0.22  | 131 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
| 95  | 82  | 0.33  | 127 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.30  | 135 | P2  | TWD | 11  | AV5      | -0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.16  | 109 | P2  | TWD | 7   | AV6      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.26  | 124 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |
| 95  | 84  | 0.33  | 120 | P2  | TWD | 12  | AV2      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.14  | 131 | P2  | TWD | 6   | AV3      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.38  | 124 | P2  | TWD | 14  | AV4      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.26  | 121 | P2  | TWD | 10  | AV5      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.15  | 119 | P2  | TWD | 6   | AV7      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
| 95  | 86  | 0.25  | 113 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.36  | 114 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.34  | 110 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.31  | 126 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.46  | 119 | P2  | TWD | 15  | AV3      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.21  | 114 | P2  | TWD | 8   | AV2      | +0.04 | TEH | TEC    |        | 44    | COLD | 610UL |
| 95  | 88  | 0.33  | 88  | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC    |        | 46    | COLD | 610UL |
|     |     | 0.33  | 106 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 46    | COLD | 610UL |
|     |     | 0.26  | 137 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 46    | COLD | 610UL |
|     |     | 0.28  | 75  | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 46    | COLD | 610UL |
| 95  | 90  | 0.19  | 128 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.45  | 119 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.29  | 124 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.29  | 123 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.43  | 121 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.29  | 132 | P2  | TWD | 10  | AV7      | +0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
| 95  | 92  | 0.49  | 126 | P2  | TWD | 15  | AV7      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.48  | 127 | P2  | TWD | 15  | AV6      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.26  | 137 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.30  | 141 | P2  | TWD | 11  | AV4      | +0.13 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.24  | 134 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.31  | 136 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
| 95  | 94  | 0.23  | 138 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.26  | 133 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.12  | 113 | P2  | TWD | 5   | AV4      | -0.02 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.44  | 134 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
| 95  | 96  | 0.20  | 145 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.24  | 142 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
| 95  | 102 | 0.30  | 119 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
|     |     | 0.37  | 118 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
| 95  | 106 | 0.09  | 93  | P2  | TWD | 4   | AV5      | +0.15 | TEH | TEC    |        | 57    | COLD | 610UL |
| 95  | 116 | 0.20  | 89  | P2  | TWD | 10  | AV2      | -0.07 | TEC | TEH    |        | 40    | HOT  | 610UL |
| 96  | 73  | 0.35  | 118 | P2  | TWD | 13  | AV4      | +0.04 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.30  | 116 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
| 96  | 75  | 0.22  | 123 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.14  | 124 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
| 96  | 77  | 0.21  | 121 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.22  | 122 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.28  | 119 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
| 96  | 79  | 0.28  | 120 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.32  | 124 | P2  | TWD | 12  | AV4      | +0.02 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.19  | 122 | P2  | TWD | 8   | AV5      | +0.02 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.36  | 116 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.22  | 131 | P2  | TWD | 9   | AV7      | +0.02 | TEH | TEC    |        | 26    | COLD | 610UL |
| 96  | 81  | 0.17  | 117 | P2  | TWD | 7   | AV3      | +0.02 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.17  | 117 | P2  | TWD | 7   | AV5      | +0.04 | TEH | TEC    |        | 26    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 96  | 83  | 0.29  | 117 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.54  | 124 | P2  | TWD | 18  | AV3      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.44  | 116 | P2  | TWD | 15  | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.32  | 128 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.51  | 130 | P2  | TWD | 17  | AV6      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 96  | 85  | 0.18  | 117 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.49  | 116 | P2  | TWD | 17  | AV3      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.42  | 124 | P2  | TWD | 15  | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.37  | 125 | P2  | TWD | 14  | AV6      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.27  | 119 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.15  | 109 | P2  | TWD | 6   | AV8      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 96  | 87  | 0.26  | 121 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.16  | 124 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.28  | 121 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.43  | 124 | P2  | TWD | 15  | AV5      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.31  | 132 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
| 96  | 89  | 0.26  | 119 | P2  | TWD | 9   | AV7      | +0.07 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.50  | 119 | P2  | TWD | 15  | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.33  | 123 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.29  | 103 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.65  | 118 | P2  | TWD | 18  | AV3      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.20  | 123 | P2  | TWD | 7   | AV2      | +0.22 | TEH | TEC    |        | 47    | COLD | 610UL |
| 96  | 91  | 0.25  | 111 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.35  | 121 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.22  | 130 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.22  | 121 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
| 96  | 93  | 0.20  | 136 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.61  | 121 | P2  | TWD | 18  | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.35  | 117 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.19  | 141 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.38  | 131 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.13  | 135 | P2  | TWD | 5   | AV7      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 96  | 95  | 0.28  | 123 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.17  | 131 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.25  | 131 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 96  | 99  | 0.30  | 150 | P2  | TWD | 9   | AV1      | +0.00 | TEH | TEC    |        | 50    | COLD | 610UL |
| 96  | 101 | 0.20  | 98  | P2  | TWD | 7   | AV6      | -0.17 | TEH | TEC    |        | 53    | COLD | 610UL |
| 96  | 103 | 0.23  | 117 | P2  | TWD | 9   | AV2      | -0.02 | TEH | TEC    |        | 56    | COLD | 610UL |
| 97  | 64  | 0.15  | 95  | P2  | TWD | 6   | AV5      | +0.04 | TEH | TEC    |        | 20    | COLD | 610UL |
| 97  | 72  | 0.22  | 117 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
| 97  | 74  | 0.15  | 97  | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC    |        | 29    | COLD | 610UL |
| 97  | 76  | 0.17  | 101 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.20  | 109 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
| 97  | 78  | 0.21  | 122 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.21  | 132 | P2  | TWD | 9   | AV3      | -0.02 | TEH | TEC    |        | 26    | COLD | 610UL |
| 97  | 80  | 0.16  | 129 | P2  | TWD | 7   | AV6      | +0.07 | TEH | TEC    |        | 26    | COLD | 610UL |
| 97  | 82  | 0.36  | 113 | P2  | TWD | 13  | AV4      | -0.02 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.16  | 141 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.21  | 125 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 97  | 84  | 0.35  | 126 | P2  | TWD | 13  | AV2      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.37  | 119 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.20  | 132 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 97  | 86  | 0.13  | 52  | P2  | TWD | 6   | AV1      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.48  | 122 | P2  | TWD | 17  | AV2      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.47  | 124 | P2  | TWD | 16  | AV3      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.40  | 122 | P2  | TWD | 15  | AV4      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.14  | 133 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.20  | 115 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
| 97  | 88  | 0.45  | 119 | P2  | TWD | 14  | AV7      | +0.09 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.22  | 122 | P2  | TWD | 8   | AV6      | +0.11 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.36  | 124 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.36  | 116 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.19  | 112 | P2  | TWD | 7   | AV3      | +0.13 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.31  | 117 | P2  | TWD | 10  | AV2      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 97  | 90  | 0.18  | 106 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.34  | 120 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.30  | 128 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.35  | 120 | P2  | TWD | 11  | AV5      | +0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.33  | 124 | P2  | TWD | 11  | AV6      | -0.02 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.30  | 126 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 97  | 92  | 0.43  | 133 | P2  | TWD | 14  | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.47  | 122 | P2  | TWD | 15  | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.19  | 95  | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.34  | 121 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.30  | 134 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.46  | 125 | P2  | TWD | 15  | AV7      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.18  | 130 | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 97  | 94  | 0.16  | 136 | P2  | TWD | 6   | AV1      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.17  | 145 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.13  | 139 | P2  | TWD | 5   | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.47  | 131 | P2  | TWD | 15  | AV5      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.19  | 141 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 97  | 96  | 0.18  | 122 | P2  | TWD | 7   | AV2      | +0.22 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.26  | 136 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.18  | 131 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.23  | 135 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 97  | 98  | 0.30  | 118 | P2  | TWD | 11  | AV2      | +0.07 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
|     |     | 0.11  | 115 | P2  | TWD | 5   | AV6      | -0.20 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
|     |     | 0.13  | 124 | P2  | TWD | 5   | AV4      | -0.15 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
|     |     | 0.18  | 140 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
| 97  | 100 | 0.26  | 117 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
|     |     | 0.28  | 111 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
|     |     | 0.25  | 126 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
|     |     | 0.27  | 129 | P2  | TWD | 10  | AV6      | +0.13 | TEH | TEC  |   |      |   | 53  |   | COLD | 610UL |
| 97  | 102 | 0.34  | 131 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC  |   |      |   | 54  |   | COLD | 610UL |
|     |     | 0.26  | 130 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC  |   |      |   | 54  |   | COLD | 610UL |
|     |     | 0.16  | 151 | P2  | TWD | 6   | AV6      | +0.02 | TEH | TEC  |   |      |   | 54  |   | COLD | 610UL |
|     |     | 0.15  | 138 | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC  |   |      |   | 54  |   | COLD | 610UL |
| 97  | 104 | 0.14  | 116 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
|     |     | 0.31  | 122 | P2  | TWD | 11  | AV4      | +0.11 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
|     |     | 0.49  | 113 | P2  | TWD | 16  | AV3      | +0.00 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
|     |     | 0.42  | 122 | P2  | TWD | 14  | AV2      | +0.00 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
|     |     | 0.14  | 136 | P2  | TWD | 6   | AV1      | +0.00 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
| 97  | 106 | 0.15  | 141 | P2  | TWD | 6   | AV2      | +0.09 | TEH | TEC  |   |      |   | 58  |   | COLD | 610UL |
| 97  | 116 | 0.15  | 131 | P2  | TWD | 8   | AV4      | -0.07 | TEC | TEH  |   |      |   | 40  |   | HOT  | 610UL |
| 98  | 69  | 0.13  | 54  | P2  | TWD | 6   | AV7      | +0.24 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
| 98  | 73  | 0.21  | 112 | P2  | TWD | 8   | AV2      | +0.02 | TEH | TEC  |   |      |   | 29  |   | COLD | 610UL |
|     |     | 0.18  | 114 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 29  |   | COLD | 610UL |
|     |     | 0.29  | 110 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC  |   |      |   | 29  |   | COLD | 610UL |
| 98  | 75  | 0.16  | 123 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
|     |     | 0.19  | 119 | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
| 98  | 77  | 0.28  | 124 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
|     |     | 0.20  | 130 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
|     |     | 0.22  | 136 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
| 98  | 79  | 0.45  | 125 | P2  | TWD | 16  | AV3      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
| 98  | 81  | 0.16  | 129 | P2  | TWD | 7   | AV2      | +0.02 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.24  | 138 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.31  | 127 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.26  | 136 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.18  | 146 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.21  | 134 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
| 98  | 83  | 0.13  | 130 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.48  | 126 | P2  | TWD | 16  | AV4      | +0.02 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.36  | 127 | P2  | TWD | 13  | AV5      | +0.04 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.59  | 125 | P2  | TWD | 19  | AV6      | +0.02 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW   | COL   | VOLTS | DEG   | CHN   | IND   | %TW   | LOCATION | EXT   | EXT   | UTIL 1 | UTIL 2 | CAL # | LEG   | PROBE |
|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|--------|--------|-------|-------|-------|
| ===== | ===== | ===== | ===== | ===== | ===== | ===== | =====    | ===== | ===== | =====  | =====  | ===== | ===== | ===== |
| 98    | 85    | 0.12  | 92    | P2    | TWD   | 5     | AV1      | +0.07 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.48  | 118   | P2    | TWD   | 16    | AV2      | +0.04 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.39  | 133   | P2    | TWD   | 14    | AV3      | +0.00 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.18  | 127   | P2    | TWD   | 7     | AV4      | +0.00 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.25  | 125   | P2    | TWD   | 10    | AV5      | +0.07 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.51  | 113   | P2    | TWD   | 17    | AV7      | +0.02 | TEH   | TEC    |        | 23    | COLD  | 610UL |
| 98    | 87    | 0.23  | 142   | P2    | TWD   | 9     | AV8      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.53  | 111   | P2    | TWD   | 17    | AV7      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.56  | 115   | P2    | TWD   | 17    | AV6      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.59  | 117   | P2    | TWD   | 18    | AV5      | +0.09 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.45  | 124   | P2    | TWD   | 15    | AV4      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.31  | 118   | P2    | TWD   | 11    | AV3      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.35  | 107   | P2    | TWD   | 12    | AV2      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
| 98    | 89    | 0.45  | 130   | P2    | TWD   | 14    | AV7      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.47  | 118   | P2    | TWD   | 14    | AV5      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.64  | 116   | P2    | TWD   | 18    | AV3      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.16  | 103   | P2    | TWD   | 6     | AV2      | +0.20 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.17  | 109   | P2    | TWD   | 6     | AV1      | -0.04 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.42  | 119   | P2    | TWD   | 13    | AV4      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
| 98    | 91    | 0.31  | 123   | P2    | TWD   | 10    | AV7      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.32  | 117   | P2    | TWD   | 11    | AV6      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.23  | 123   | P2    | TWD   | 8     | AV4      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.27  | 127   | P2    | TWD   | 9     | AV2      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
| 98    | 93    | 0.47  | 125   | P2    | TWD   | 15    | AV6      | +0.00 | TEH   | TEC    |        | 49    | COLD  | 610UL |
|       |       | 0.19  | 139   | P2    | TWD   | 7     | AV5      | +0.00 | TEH   | TEC    |        | 49    | COLD  | 610UL |
|       |       | 0.33  | 126   | P2    | TWD   | 11    | AV4      | +0.00 | TEH   | TEC    |        | 49    | COLD  | 610UL |
|       |       | 0.19  | 140   | P2    | TWD   | 7     | AV3      | +0.00 | TEH   | TEC    |        | 49    | COLD  | 610UL |
| 98    | 95    | 0.30  | 132   | P2    | TWD   | 11    | AV4      | +0.00 | TEH   | TEC    |        | 49    | COLD  | 610UL |
|       |       | 0.35  | 123   | P2    | TWD   | 12    | AV2      | +0.00 | TEH   | TEC    |        | 49    | COLD  | 610UL |
| 98    | 99    | 0.11  | 67    | P2    | TWD   | 5     | AV6      | -0.20 | TEH   | TEC    |        | 51    | COLD  | 610UL |
|       |       | 0.20  | 94    | P2    | TWD   | 8     | AV3      | +0.04 | TEH   | TEC    |        | 51    | COLD  | 610UL |
| 98    | 101   | 0.12  | 135   | P2    | TWD   | 5     | AV5      | -0.17 | TEH   | TEC    |        | 54    | COLD  | 610UL |
|       |       | 0.21  | 131   | P2    | TWD   | 8     | AV6      | +0.00 | TEH   | TEC    |        | 54    | COLD  | 610UL |
| 98    | 103   | 0.36  | 144   | P2    | TWD   | 12    | AV2      | +0.00 | TEH   | TEC    |        | 55    | COLD  | 610UL |
|       |       | 0.20  | 152   | P2    | TWD   | 8     | AV3      | +0.00 | TEH   | TEC    |        | 55    | COLD  | 610UL |
|       |       | 0.24  | 154   | P2    | TWD   | 9     | AV5      | +0.00 | TEH   | TEC    |        | 55    | COLD  | 610UL |
|       |       | 0.22  | 146   | P2    | TWD   | 8     | AV7      | +0.00 | TEH   | TEC    |        | 55    | COLD  | 610UL |
| 99    | 72    | 0.21  | 98    | P2    | TWD   | 8     | AV6      | +0.00 | TEH   | TEC    |        | 29    | COLD  | 610UL |
|       |       | 0.32  | 109   | P2    | TWD   | 12    | AV7      | +0.11 | TEH   | TEC    |        | 29    | COLD  | 610UL |
| 99    | 74    | 0.29  | 123   | P2    | TWD   | 11    | AV6      | +0.00 | TEH   | TEC    |        | 30    | COLD  | 610UL |
| 99    | 76    | 0.17  | 121   | P2    | TWD   | 7     | AV6      | +0.00 | TEH   | TEC    |        | 27    | COLD  | 610UL |
| 99    | 78    | 0.20  | 128   | P2    | TWD   | 8     | AV8      | +0.00 | TEH   | TEC    |        | 25    | COLD  | 610UL |
| 99    | 80    | 0.18  | 130   | P2    | TWD   | 8     | AV4      | +0.00 | TEH   | TEC    |        | 25    | COLD  | 610UL |
| 99    | 82    | 0.13  | 127   | P2    | TWD   | 6     | AV2      | -0.02 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.21  | 122   | P2    | TWD   | 8     | AV5      | +0.00 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.18  | 141   | P2    | TWD   | 7     | AV7      | +0.04 | TEH   | TEC    |        | 23    | COLD  | 610UL |
| 99    | 84    | 0.14  | 114   | P2    | TWD   | 6     | AV1      | +0.00 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.53  | 120   | P2    | TWD   | 17    | AV3      | +0.00 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.41  | 119   | P2    | TWD   | 14    | AV4      | +0.02 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.31  | 129   | P2    | TWD   | 12    | AV5      | +0.04 | TEH   | TEC    |        | 23    | COLD  | 610UL |
| 99    | 86    | 0.59  | 114   | P2    | TWD   | 18    | AV7      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.47  | 119   | P2    | TWD   | 16    | AV6      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.52  | 114   | P2    | TWD   | 17    | AV5      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.53  | 126   | P2    | TWD   | 17    | AV4      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.66  | 120   | P2    | TWD   | 19    | AV3      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.57  | 114   | P2    | TWD   | 18    | AV2      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.24  | 130   | P2    | TWD   | 9     | AV1      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
| 99    | 88    | 0.32  | 135   | P2    | TWD   | 11    | AV8      | +0.00 | TEH   | TEC    |        | 46    | COLD  | 610UL |
|       |       | 0.39  | 122   | P2    | TWD   | 13    | AV7      | +0.00 | TEH   | TEC    |        | 46    | COLD  | 610UL |
|       |       | 0.21  | 132   | P2    | TWD   | 8     | AV6      | +0.07 | TEH   | TEC    |        | 46    | COLD  | 610UL |
|       |       | 0.35  | 119   | P2    | TWD   | 12    | AV5      | +0.00 | TEH   | TEC    |        | 46    | COLD  | 610UL |
|       |       | 0.40  | 113   | P2    | TWD   | 13    | AV4      | +0.00 | TEH   | TEC    |        | 46    | COLD  | 610UL |
|       |       | 0.37  | 112   | P2    | TWD   | 12    | AV3      | +0.00 | TEH   | TEC    |        | 46    | COLD  | 610UL |
|       |       | 0.45  | 122   | P2    | TWD   | 14    | AV2      | +0.00 | TEH   | TEC    |        | 46    | COLD  | 610UL |
|       |       | 0.36  | 126   | P2    | TWD   | 12    | AV1      | +0.00 | TEH   | TEC    |        | 46    | COLD  | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW   | COL   | VOLTS | DEG   | CHN   | IND   | %TW   | LOCATION | EXT   | EXT   | UTIL  | 1     | UTIL  | 2     | CAL   | #     | LEG   | PROBE |
|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ===== | ===== | ===== | ===== | ===== | ===== | ===== | =====    | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| 99    | 90    | 0.22  | 125   | P2    | TWD   | 8     | AV2      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.34  | 117   | P2    | TWD   | 11    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.21  | 118   | P2    | TWD   | 7     | AV4      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.30  | 123   | P2    | TWD   | 10    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.43  | 122   | P2    | TWD   | 13    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.62  | 126   | P2    | TWD   | 18    | AV7      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
| 99    | 92    | 0.48  | 129   | P2    | TWD   | 15    | AV7      | +0.00 | TEH   | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|       |       | 0.31  | 138   | P2    | TWD   | 11    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|       |       | 0.28  | 135   | P2    | TWD   | 10    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|       |       | 0.37  | 142   | P2    | TWD   | 13    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|       |       | 0.45  | 131   | P2    | TWD   | 14    | AV2      | +0.00 | TEH   | TEC   |       |       |       | 49    |       | COLD  | 610UL |
| 99    | 94    | 0.31  | 140   | P2    | TWD   | 11    | AV8      | +0.00 | TEH   | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|       |       | 0.27  | 141   | P2    | TWD   | 10    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|       |       | 0.16  | 130   | P2    | TWD   | 6     | AV4      | +0.00 | TEH   | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|       |       | 0.44  | 119   | P2    | TWD   | 14    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 49    |       | COLD  | 610UL |
| 99    | 96    | 0.13  | 148   | P2    | TWD   | 5     | AV7      | +0.06 | TEH   | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|       |       | 0.24  | 125   | P2    | TWD   | 9     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 49    |       | COLD  | 610UL |
| 99    | 100   | 0.33  | 147   | P2    | TWD   | 10    | AV1      | +0.00 | TEH   | TEC   |       |       |       | 50    |       | COLD  | 610UL |
|       |       | 0.28  | 161   | P2    | TWD   | 8     | AV7      | +0.00 | TEH   | TEC   |       |       |       | 50    |       | COLD  | 610UL |
| 99    | 102   | 0.62  | 109   | P2    | TWD   | 18    | AV4      | +0.00 | TEH   | TEC   |       |       |       | 53    |       | COLD  | 610UL |
|       |       | 0.35  | 122   | P2    | TWD   | 12    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 53    |       | COLD  | 610UL |
|       |       | 0.29  | 122   | P2    | TWD   | 10    | AV2      | +0.00 | TEH   | TEC   |       |       |       | 53    |       | COLD  | 610UL |
| 100   | 73    | 0.33  | 125   | P2    | TWD   | 12    | AV7      | +0.00 | TEH   | TEC   |       |       |       | 30    |       | COLD  | 610UL |
|       |       | 0.23  | 146   | P2    | TWD   | 9     | AV8      | +0.00 | TEH   | TEC   |       |       |       | 30    |       | COLD  | 610UL |
| 100   | 75    | 0.26  | 111   | P2    | TWD   | 10    | AV2      | +0.00 | TEH   | TEC   |       |       |       | 28    |       | COLD  | 610UL |
|       |       | 0.24  | 120   | P2    | TWD   | 9     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 28    |       | COLD  | 610UL |
|       |       | 0.18  | 112   | P2    | TWD   | 7     | AV4      | +0.00 | TEH   | TEC   |       |       |       | 28    |       | COLD  | 610UL |
|       |       | 0.15  | 124   | P2    | TWD   | 6     | AV7      | +0.00 | TEH   | TEC   |       |       |       | 28    |       | COLD  | 610UL |
| 100   | 77    | 0.13  | 100   | P2    | TWD   | 6     | AV4      | +0.00 | TEH   | TEC   |       |       |       | 28    |       | COLD  | 610UL |
| 100   | 79    | 0.26  | 132   | P2    | TWD   | 10    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 26    |       | COLD  | 610UL |
|       |       | 0.23  | 107   | P2    | TWD   | 9     | AV7      | +0.00 | TEH   | TEC   |       |       |       | 26    |       | COLD  | 610UL |
| 100   | 81    | 0.18  | 108   | P2    | TWD   | 7     | AV3      | +0.02 | TEH   | TEC   |       |       |       | 26    |       | COLD  | 610UL |
|       |       | 0.31  | 122   | P2    | TWD   | 11    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 26    |       | COLD  | 610UL |
|       |       | 0.42  | 119   | P2    | TWD   | 15    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 26    |       | COLD  | 610UL |
|       |       | 0.46  | 124   | P2    | TWD   | 16    | AV7      | +0.00 | TEH   | TEC   |       |       |       | 26    |       | COLD  | 610UL |
|       |       | 0.27  | 121   | P2    | TWD   | 10    | AV8      | +0.00 | TEH   | TEC   |       |       |       | 26    |       | COLD  | 610UL |
| 100   | 83    | 0.41  | 120   | P2    | TWD   | 15    | AV2      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.34  | 114   | P2    | TWD   | 13    | AV4      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.43  | 120   | P2    | TWD   | 15    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.39  | 118   | P2    | TWD   | 14    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.17  | 139   | P2    | TWD   | 7     | AV8      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
| 100   | 85    | 0.17  | 110   | P2    | TWD   | 7     | AV1      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.40  | 122   | P2    | TWD   | 14    | AV2      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.34  | 129   | P2    | TWD   | 13    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.53  | 118   | P2    | TWD   | 18    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.15  | 107   | P2    | TWD   | 7     | AV6      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.60  | 117   | P2    | TWD   | 19    | AV7      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
| 100   | 87    | 0.24  | 107   | P2    | TWD   | 10    | AV2      | +0.00 | TEH   | TEC   |       |       |       | 45    |       | COLD  | 610UL |
|       |       | 0.18  | 126   | P2    | TWD   | 8     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 45    |       | COLD  | 610UL |
|       |       | 0.40  | 119   | P2    | TWD   | 15    | AV4      | +0.00 | TEH   | TEC   |       |       |       | 45    |       | COLD  | 610UL |
|       |       | 0.46  | 124   | P2    | TWD   | 16    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 45    |       | COLD  | 610UL |
|       |       | 0.35  | 118   | P2    | TWD   | 13    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 45    |       | COLD  | 610UL |
|       |       | 0.48  | 122   | P2    | TWD   | 16    | AV7      | +0.00 | TEH   | TEC   |       |       |       | 45    |       | COLD  | 610UL |
| 100   | 89    | 0.22  | 115   | P2    | TWD   | 8     | AV7      | +0.02 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.55  | 121   | P2    | TWD   | 16    | AV6      | +0.02 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.41  | 119   | P2    | TWD   | 13    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.46  | 123   | P2    | TWD   | 14    | AV4      | +0.02 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.14  | 81    | P2    | TWD   | 5     | AV2      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.11  | 128   | P2    | TWD   | 4     | AV1      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.22  | 119   | P2    | TWD   | 8     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
| 100   | 91    | 0.44  | 126   | P2    | TWD   | 14    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.27  | 119   | P2    | TWD   | 9     | AV5      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.43  | 117   | P2    | TWD   | 13    | AV4      | -0.09 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.15  | 114   | P2    | TWD   | 6     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 100 | 93  | 0.20  | 135 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.42  | 126 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.37  | 123 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.13  | 139 | P2  | TWD | 5   | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.42  | 128 | P2  | TWD | 14  | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 100 | 95  | 0.31  | 126 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 100 | 101 | 0.17  | 118 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 53    | COLD | 610UL |
| 100 | 103 | 0.14  | 94  | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.21  | 111 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.40  | 115 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.15  | 120 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.41  | 114 | P2  | TWD | 14  | AV2      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
| 101 | 72  | 0.25  | 130 | P2  | TWD | 10  | AV8      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
| 101 | 74  | 0.17  | 104 | P2  | TWD | 7   | AV3      | +0.07 | TEH | TEC    |        | 29    | COLD | 610UL |
| 101 | 76  | 0.23  | 114 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
| 101 | 78  | 0.18  | 118 | P2  | TWD | 7   | AV3      | -0.09 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.27  | 120 | P2  | TWD | 10  | AV6      | -0.04 | TEH | TEC    |        | 26    | COLD | 610UL |
| 101 | 80  | 0.23  | 133 | P2  | TWD | 9   | AV5      | -0.02 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.35  | 120 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.37  | 119 | P2  | TWD | 13  | AV7      | +0.02 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.22  | 124 | P2  | TWD | 9   | AV8      | +0.09 | TEH | TEC    |        | 26    | COLD | 610UL |
| 101 | 82  | 0.34  | 124 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.22  | 126 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 101 | 84  | 0.41  | 120 | P2  | TWD | 15  | AV2      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.30  | 122 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.18  | 103 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.28  | 116 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.32  | 126 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 101 | 86  | 0.32  | 120 | P2  | TWD | 12  | AV1      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.39  | 117 | P2  | TWD | 14  | AV2      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.42  | 109 | P2  | TWD | 15  | AV3      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.34  | 122 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.30  | 116 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.51  | 121 | P2  | TWD | 17  | AV7      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
| 101 | 88  | 0.40  | 125 | P2  | TWD | 13  | AV7      | +0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.22  | 110 | P2  | TWD | 8   | AV5      | -0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.22  | 116 | P2  | TWD | 8   | AV3      | +0.07 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.13  | 136 | P2  | TWD | 5   | AV1      | +0.11 | TEH | TEC    |        | 47    | COLD | 610UL |
| 101 | 90  | 0.26  | 124 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.13  | 120 | P2  | TWD | 5   | AV3      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.27  | 123 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.41  | 122 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.23  | 117 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.46  | 125 | P2  | TWD | 14  | AV7      | +0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.23  | 123 | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
| 101 | 92  | 0.38  | 125 | P2  | TWD | 13  | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.54  | 132 | P2  | TWD | 17  | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.39  | 125 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.29  | 118 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.36  | 131 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 101 | 94  | 0.15  | 140 | P2  | TWD | 6   | AV1      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.21  | 121 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.22  | 114 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.15  | 138 | P2  | TWD | 6   | AV8      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.13  | 155 | P2  | TWD | 5   | AV7      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 101 | 96  | 0.33  | 124 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.28  | 125 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 101 | 104 | 0.14  | 112 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.13  | 121 | P2  | TWD | 5   | AV5      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
|     |     | 0.19  | 126 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 56    | COLD | 610UL |
| 101 | 108 | 0.13  | 115 | P2  | TWD | 6   | AV4      | +0.02 | TEH | TEC    |        | 58    | COLD | 610UL |
| 102 | 71  | 0.19  | 113 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 29    | COLD | 610UL |
| 102 | 73  | 0.20  | 128 | P2  | TWD | 8   | AV2      | +0.02 | TEH | TEC    |        | 29    | COLD | 610UL |
|     |     | 0.43  | 108 | P2  | TWD | 15  | AV3      | +0.09 | TEH | TEC    |        | 29    | COLD | 610UL |
|     |     | 0.19  | 91  | P2  | TWD | 8   | AV6      | +0.24 | TEH | TEC    |        | 29    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 102 | 75  | 0.19  | 138 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.30  | 126 | P2  | TWD | 12  | AV7      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.15  | 128 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.44  | 132 | P2  | TWD | 16  | AV4      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
| 102 | 81  | 0.39  | 127 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.32  | 126 | P2  | TWD | 12  | AV4      | +0.02 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.41  | 131 | P2  | TWD | 15  | AV5      | +0.02 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.16  | 130 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
| 102 | 83  | 0.14  | 141 | P2  | TWD | 6   | AV2      | -0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.23  | 130 | P2  | TWD | 9   | AV3      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.46  | 125 | P2  | TWD | 16  | AV5      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.33  | 122 | P2  | TWD | 12  | AV6      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
| 102 | 85  | 0.22  | 124 | P2  | TWD | 9   | AV1      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.32  | 125 | P2  | TWD | 12  | AV5      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.45  | 114 | P2  | TWD | 15  | AV6      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.29  | 130 | P2  | TWD | 11  | AV7      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
| 102 | 87  | 0.20  | 124 | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.52  | 119 | P2  | TWD | 16  | AV7      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.52  | 118 | P2  | TWD | 17  | AV6      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.41  | 117 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.42  | 116 | P2  | TWD | 14  | AV4      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.33  | 118 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.53  | 122 | P2  | TWD | 17  | AV2      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.25  | 125 | P2  | TWD | 9   | AV1      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
| 102 | 89  | 0.18  | 132 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.29  | 129 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.57  | 122 | P2  | TWD | 17  | AV4      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.28  | 135 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.17  | 99  | P2  | TWD | 6   | AV2      | +0.24 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.15  | 137 | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
| 102 | 91  | 0.13  | 75  | P2  | TWD | 5   | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.41  | 126 | P2  | TWD | 14  | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.28  | 135 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.18  | 134 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 102 | 93  | 0.18  | 149 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.44  | 126 | P2  | TWD | 14  | AV6      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.17  | 150 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.38  | 131 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.37  | 132 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.19  | 123 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
| 102 | 95  | 0.17  | 148 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.32  | 122 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
| 102 | 115 | 0.14  | 90  | P2  | TWD | 7   | AV5      | -0.09 | TEC | TEH    |        | 41    | HOT  | 610UL |
| 103 | 74  | 0.16  | 142 | P2  | TWD | 7   | AV1      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.40  | 119 | P2  | TWD | 14  | AV2      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.45  | 117 | P2  | TWD | 15  | AV3      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
| 103 | 76  | 0.17  | 136 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.33  | 115 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.23  | 130 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
| 103 | 78  | 0.26  | 129 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.16  | 145 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.18  | 133 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
| 103 | 80  | 0.20  | 130 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
| 103 | 82  | 0.33  | 118 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.15  | 129 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.52  | 126 | P2  | TWD | 17  | AV6      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.39  | 125 | P2  | TWD | 14  | AV7      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.23  | 123 | P2  | TWD | 9   | AV8      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |
| 103 | 84  | 0.61  | 130 | P2  | TWD | 19  | AV2      | -0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.28  | 141 | P2  | TWD | 11  | AV3      | -0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.17  | 140 | P2  | TWD | 7   | AV4      | -0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.31  | 116 | P2  | TWD | 12  | AV5      | -0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.43  | 114 | P2  | TWD | 15  | AV6      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 103 | 86  | 0.53  | 124 | P2  | TWD | 17  | AV7      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.34  | 113 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.46  | 120 | P2  | TWD | 15  | AV5      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.32  | 114 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.19  | 82  | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
|     |     | 0.21  | 112 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 44    | COLD | 610UL |
| 103 | 88  | 0.17  | 138 | P2  | TWD | 6   | AV8      | +0.00 | TEH | TEC    |        | 46    | COLD | 610UL |
|     |     | 0.38  | 117 | P2  | TWD | 12  | AV7      | +0.00 | TEH | TEC    |        | 46    | COLD | 610UL |
|     |     | 0.54  | 113 | P2  | TWD | 16  | AV6      | +0.00 | TEH | TEC    |        | 46    | COLD | 610UL |
|     |     | 0.20  | 121 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 46    | COLD | 610UL |
|     |     | 0.30  | 118 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        | 46    | COLD | 610UL |
|     |     | 0.18  | 115 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 46    | COLD | 610UL |
| 103 | 90  | 0.15  | 124 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.19  | 123 | P2  | TWD | 7   | AV3      | +0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.25  | 118 | P2  | TWD | 9   | AV5      | +0.09 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.13  | 113 | P2  | TWD | 5   | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.31  | 132 | P2  | TWD | 10  | AV7      | -0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
| 103 | 92  | 0.54  | 129 | P2  | TWD | 17  | AV7      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.40  | 134 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.21  | 138 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.25  | 136 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.59  | 123 | P2  | TWD | 18  | AV3      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.48  | 129 | P2  | TWD | 15  | AV2      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
|     |     | 0.19  | 143 | P2  | TWD | 7   | AV1      | -0.15 | TEH | TEC    |        | 49    | COLD | 610UL |
| 103 | 100 | 0.21  | 160 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 50    | COLD | 610UL |
| 103 | 104 | 0.14  | 134 | P2  | TWD | 5   | AV4      | +0.26 | TEH | TEC    |        | 55    | COLD | 610UL |
| 103 | 112 | 0.14  | 149 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.30  | 138 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 61    | COLD | 610UL |
| 104 | 71  | 0.19  | 122 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.15  | 126 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.16  | 140 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
| 104 | 73  | 0.30  | 128 | P2  | TWD | 11  | AV3      | -0.07 | TEH | TEC    |        | 30    | COLD | 610UL |
|     |     | 0.20  | 126 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 30    | COLD | 610UL |
| 104 | 75  | 0.18  | 119 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
| 104 | 77  | 0.38  | 118 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
|     |     | 0.23  | 106 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 28    | COLD | 610UL |
| 104 | 79  | 0.26  | 124 | P2  | TWD | 10  | AV5      | +0.04 | TEH | TEC    |        | 26    | COLD | 610UL |
| 104 | 81  | 0.17  | 132 | P2  | TWD | 7   | AV4      | +0.09 | TEH | TEC    |        | 26    | COLD | 610UL |
| 104 | 83  | 0.25  | 117 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.29  | 115 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.55  | 119 | P2  | TWD | 18  | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.48  | 127 | P2  | TWD | 16  | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.38  | 124 | P2  | TWD | 14  | AV6      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.28  | 133 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 104 | 85  | 0.39  | 112 | P2  | TWD | 14  | AV2      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.20  | 90  | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.20  | 137 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.54  | 120 | P2  | TWD | 18  | AV6      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.38  | 123 | P2  | TWD | 14  | AV7      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 104 | 87  | 0.29  | 118 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.33  | 122 | P2  | TWD | 13  | AV7      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
| 104 | 89  | 0.12  | 73  | P2  | TWD | 5   | AV8      | +0.11 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.40  | 124 | P2  | TWD | 13  | AV7      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.69  | 120 | P2  | TWD | 19  | AV4      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.60  | 124 | P2  | TWD | 17  | AV3      | +0.07 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.16  | 95  | P2  | TWD | 6   | AV2      | +0.22 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.22  | 136 | P2  | TWD | 8   | AV1      | -0.07 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.57  | 113 | P2  | TWD | 17  | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
| 104 | 91  | 0.27  | 118 | P2  | TWD | 10  | AV1      | -0.02 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.34  | 122 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.32  | 123 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.32  | 107 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.21  | 134 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.28  | 138 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 104 | 93  | 0.17  | 117 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.43  | 123 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.17  | 122 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.38  | 125 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.31  | 128 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.15  | 133 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 104 | 95  | 0.15  | 108 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 104 | 97  | 0.18  | 111 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
| 104 | 99  | 0.29  | 150 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |   |      |   | 50  |   | COLD | 610UL |
| 105 | 72  | 0.19  | 124 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |   |      |   | 30  |   | COLD | 610UL |
| 105 | 76  | 0.16  | 130 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
| 105 | 78  | 0.16  | 118 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
|     |     | 0.34  | 125 | P2  | TWD | 12  | AV6      | +0.04 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
| 105 | 80  | 0.15  | 135 | P2  | TWD | 6   | AV4      | +0.02 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
|     |     | 0.26  | 126 | P2  | TWD | 10  | AV5      | +0.02 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
|     |     | 0.19  | 134 | P2  | TWD | 8   | AV6      | -0.02 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
| 105 | 82  | 0.20  | 137 | P2  | TWD | 8   | AV2      | +0.02 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.30  | 125 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.22  | 135 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
| 105 | 84  | 0.20  | 131 | P2  | TWD | 8   | AV1      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.46  | 117 | P2  | TWD | 16  | AV3      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.22  | 127 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.15  | 122 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.32  | 127 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
| 105 | 86  | 0.34  | 129 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
|     |     | 0.31  | 121 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
|     |     | 0.56  | 118 | P2  | TWD | 18  | AV6      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
|     |     | 0.29  | 138 | P2  | TWD | 12  | AV7      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
| 105 | 88  | 0.61  | 122 | P2  | TWD | 17  | AV6      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.24  | 130 | P2  | TWD | 8   | AV5      | +0.02 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.18  | 127 | P2  | TWD | 6   | AV4      | +0.13 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.24  | 94  | P2  | TWD | 8   | AV3      | +0.04 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.31  | 122 | P2  | TWD | 10  | AV2      | -0.04 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.15  | 114 | P2  | TWD | 5   | AV1      | +0.02 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 105 | 90  | 0.40  | 119 | P2  | TWD | 13  | AV2      | +0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.23  | 114 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.16  | 117 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.32  | 117 | P2  | TWD | 11  | AV5      | +0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.39  | 123 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.38  | 120 | P2  | TWD | 12  | AV7      | +0.02 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.18  | 104 | P2  | TWD | 6   | AV8      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 105 | 92  | 0.25  | 131 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.57  | 128 | P2  | TWD | 17  | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.24  | 132 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.34  | 128 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.32  | 135 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 105 | 94  | 0.33  | 129 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.51  | 127 | P2  | TWD | 16  | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.31  | 126 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.30  | 128 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.19  | 125 | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 105 | 98  | 0.13  | 119 | P2  | TWD | 5   | AV6      | -0.17 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
|     |     | 0.14  | 99  | P2  | TWD | 6   | AV5      | -0.17 | TEH | TEC  |   |      |   | 51  |   | COLD | 610UL |
| 105 | 112 | 0.12  | 123 | P2  | TWD | 5   | AV2      | -0.15 | TEH | TEC  |   |      |   | 62  |   | COLD | 610UL |
| 105 | 114 | 0.14  | 90  | P2  | TWD | 6   | AV5      | +0.07 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
| 106 | 71  | 0.16  | 107 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 29  |   | COLD | 610UL |
| 106 | 75  | 0.15  | 147 | P2  | TWD | 7   | AV7      | -0.02 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
| 106 | 77  | 0.17  | 125 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
| 106 | 79  | 0.20  | 134 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.27  | 129 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.15  | 148 | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
| 106 | 81  | 0.31  | 127 | P2  | TWD | 12  | AV4      | +0.02 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.37  | 130 | P2  | TWD | 14  | AV6      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.21  | 137 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW   | COL   | VOLTS | DEG   | CHN   | IND   | %TW   | LOCATION | EXT   | EXT   | UTIL 1 | UTIL 2 | CAL # | LEG   | PROBE |
|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|--------|--------|-------|-------|-------|
| ===== | ===== | ===== | ===== | ===== | ===== | ===== | =====    | ===== | ===== | =====  | =====  | ===== | ===== | ===== |
| 106   | 83    | 0.37  | 120   | P2    | TWD   | 13    | AV2      | +0.02 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.31  | 126   | P2    | TWD   | 12    | AV3      | +0.02 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.57  | 123   | P2    | TWD   | 18    | AV4      | +0.04 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.43  | 131   | P2    | TWD   | 15    | AV6      | +0.11 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.13  | 145   | P2    | TWD   | 6     | AV7      | +0.11 | TEH   | TEC    |        | 23    | COLD  | 610UL |
| 106   | 85    | 0.62  | 124   | P2    | TWD   | 19    | AV2      | +0.02 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.61  | 122   | P2    | TWD   | 19    | AV4      | +0.02 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.60  | 121   | P2    | TWD   | 19    | AV5      | +0.04 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.39  | 119   | P2    | TWD   | 14    | AV6      | +0.11 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.42  | 122   | P2    | TWD   | 15    | AV7      | +0.04 | TEH   | TEC    |        | 23    | COLD  | 610UL |
| 106   | 87    | 0.17  | 115   | P2    | TWD   | 7     | AV8      | +0.09 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.35  | 122   | P2    | TWD   | 12    | AV7      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.47  | 127   | P2    | TWD   | 15    | AV6      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.57  | 119   | P2    | TWD   | 18    | AV4      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.40  | 118   | P2    | TWD   | 14    | AV2      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.18  | 128   | P2    | TWD   | 7     | AV1      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
| 106   | 89    | 0.22  | 127   | P2    | TWD   | 8     | AV8      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.58  | 122   | P2    | TWD   | 17    | AV6      | +0.04 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.36  | 114   | P2    | TWD   | 12    | AV5      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.28  | 123   | P2    | TWD   | 9     | AV4      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.18  | 134   | P2    | TWD   | 6     | AV3      | +0.11 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.11  | 97    | P2    | TWD   | 4     | AV2      | +0.22 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.31  | 126   | P2    | TWD   | 11    | AV7      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
| 106   | 91    | 0.17  | 127   | P2    | TWD   | 6     | AV1      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.34  | 124   | P2    | TWD   | 12    | AV2      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.38  | 122   | P2    | TWD   | 13    | AV3      | +0.11 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.50  | 125   | P2    | TWD   | 16    | AV4      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.42  | 128   | P2    | TWD   | 14    | AV5      | +0.02 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.35  | 121   | P2    | TWD   | 12    | AV6      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.46  | 132   | P2    | TWD   | 15    | AV7      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.16  | 143   | P2    | TWD   | 6     | AV8      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
| 106   | 93    | 0.32  | 136   | P2    | TWD   | 11    | AV6      | +0.00 | TEH   | TEC    |        | 49    | COLD  | 610UL |
|       |       | 0.26  | 126   | P2    | TWD   | 10    | AV5      | +0.00 | TEH   | TEC    |        | 49    | COLD  | 610UL |
|       |       | 0.15  | 152   | P2    | TWD   | 6     | AV2      | +0.00 | TEH   | TEC    |        | 49    | COLD  | 610UL |
| 106   | 95    | 0.17  | 150   | P2    | TWD   | 7     | AV5      | +0.00 | TEH   | TEC    |        | 49    | COLD  | 610UL |
|       |       | 0.27  | 132   | P2    | TWD   | 10    | AV3      | +0.00 | TEH   | TEC    |        | 49    | COLD  | 610UL |
|       |       | 0.32  | 131   | P2    | TWD   | 11    | AV2      | +0.00 | TEH   | TEC    |        | 49    | COLD  | 610UL |
|       |       | 0.18  | 142   | P2    | TWD   | 7     | AV6      | +0.00 | TEH   | TEC    |        | 49    | COLD  | 610UL |
| 106   | 97    | 0.24  | 157   | P2    | TWD   | 7     | AV2      | +0.00 | TEH   | TEC    |        | 50    | COLD  | 610UL |
| 106   | 101   | 0.13  | 101   | P2    | TWD   | 5     | AV4      | -0.22 | TEH   | TEC    |        | 54    | COLD  | 610UL |
| 107   | 68    | 0.14  | 123   | P2    | TWD   | 6     | AV5      | +0.04 | TEH   | TEC    |        | 22    | COLD  | 610UL |
| 107   | 70    | 0.21  | 134   | P2    | TWD   | 9     | AV3      | -0.04 | TEH   | TEC    |        | 31    | COLD  | 610UL |
| 107   | 78    | 0.19  | 143   | P2    | TWD   | 8     | AV7      | +0.00 | TEH   | TEC    |        | 25    | COLD  | 610UL |
| 107   | 80    | 0.32  | 130   | P2    | TWD   | 12    | AV2      | +0.00 | TEH   | TEC    |        | 25    | COLD  | 610UL |
|       |       | 0.57  | 125   | P2    | TWD   | 19    | AV3      | +0.00 | TEH   | TEC    |        | 25    | COLD  | 610UL |
|       |       | 0.22  | 128   | P2    | TWD   | 9     | AV5      | +0.00 | TEH   | TEC    |        | 25    | COLD  | 610UL |
|       |       | 0.32  | 126   | P2    | TWD   | 12    | AV6      | +0.00 | TEH   | TEC    |        | 25    | COLD  | 610UL |
|       |       | 0.34  | 131   | P2    | TWD   | 13    | AV7      | +0.00 | TEH   | TEC    |        | 25    | COLD  | 610UL |
| 107   | 82    | 0.26  | 128   | P2    | TWD   | 10    | AV2      | +0.02 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.22  | 132   | P2    | TWD   | 9     | AV3      | +0.00 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.42  | 127   | P2    | TWD   | 15    | AV5      | +0.00 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.54  | 122   | P2    | TWD   | 18    | AV6      | +0.00 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.43  | 124   | P2    | TWD   | 15    | AV7      | +0.00 | TEH   | TEC    |        | 23    | COLD  | 610UL |
| 107   | 84    | 0.44  | 130   | P2    | TWD   | 15    | AV3      | +0.00 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.33  | 122   | P2    | TWD   | 12    | AV4      | -0.02 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.40  | 128   | P2    | TWD   | 14    | AV5      | +0.02 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.54  | 120   | P2    | TWD   | 18    | AV6      | +0.02 | TEH   | TEC    |        | 23    | COLD  | 610UL |
|       |       | 0.18  | 121   | P2    | TWD   | 7     | AV1      | +0.02 | TEH   | TEC    | LAR    | 23    | COLD  | 610UL |
| 107   | 86    | 0.29  | 117   | P2    | TWD   | 11    | AV7      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.35  | 114   | P2    | TWD   | 12    | AV3      | -0.04 | TEH   | TEC    |        | 44    | COLD  | 610UL |
|       |       | 0.14  | 61    | P2    | TWD   | 6     | AV2      | +0.00 | TEH   | TEC    |        | 44    | COLD  | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 107 | 88  | 0.38  | 124 | P2  | TWD | 12  | AV7      | +0.04 | TEH | TEC  |   |      |   | 46  |   | COLD | 610UL |
|     |     | 0.70  | 123 | P2  | TWD | 19  | AV6      | +0.00 | TEH | TEC  |   |      |   | 46  |   | COLD | 610UL |
|     |     | 0.28  | 132 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC  |   |      |   | 46  |   | COLD | 610UL |
|     |     | 0.21  | 110 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC  |   |      |   | 46  |   | COLD | 610UL |
|     |     | 0.60  | 123 | P2  | TWD | 18  | AV3      | +0.00 | TEH | TEC  |   |      |   | 46  |   | COLD | 610UL |
|     |     | 0.18  | 133 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |   |      |   | 46  |   | COLD | 610UL |
| 107 | 90  | 0.24  | 95  | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.19  | 128 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.35  | 121 | P2  | TWD | 11  | AV5      | +0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.37  | 118 | P2  | TWD | 12  | AV6      | +0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.42  | 129 | P2  | TWD | 13  | AV7      | +0.02 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.14  | 136 | P2  | TWD | 5   | AV8      | +0.04 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 107 | 92  | 0.33  | 130 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.65  | 129 | P2  | TWD | 19  | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.46  | 125 | P2  | TWD | 15  | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.19  | 134 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.50  | 129 | P2  | TWD | 16  | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.16  | 133 | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 107 | 94  | 0.18  | 137 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.27  | 133 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.33  | 136 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
| 107 | 96  | 0.21  | 138 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.23  | 136 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.42  | 132 | P2  | TWD | 14  | AV4      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.17  | 138 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.20  | 142 | P2  | TWD | 7   | AV2      | -0.02 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.16  | 151 | P2  | TWD | 6   | AV1      | +0.09 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
| 107 | 102 | 0.24  | 143 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC  |   |      |   | 54  |   | COLD | 610UL |
| 107 | 112 | 0.14  | 160 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 61  |   | COLD | 610UL |
| 108 | 71  | 0.23  | 141 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 30  |   | COLD | 610UL |
|     |     | 0.17  | 141 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |   |      |   | 30  |   | COLD | 610UL |
| 108 | 73  | 0.26  | 129 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC  |   |      |   | 30  |   | COLD | 610UL |
|     |     | 0.46  | 120 | P2  | TWD | 16  | AV4      | -0.02 | TEH | TEC  |   |      |   | 30  |   | COLD | 610UL |
|     |     | 0.24  | 117 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC  |   |      |   | 30  |   | COLD | 610UL |
| 108 | 75  | 0.23  | 122 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
|     |     | 0.17  | 113 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
| 108 | 77  | 0.16  | 109 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
|     |     | 0.26  | 123 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
|     |     | 0.22  | 120 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
| 108 | 79  | 0.17  | 127 | P2  | TWD | 7   | AV6      | -0.02 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
| 108 | 81  | 0.26  | 124 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
|     |     | 0.45  | 116 | P2  | TWD | 15  | AV6      | +0.00 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
|     |     | 0.30  | 127 | P2  | TWD | 11  | AV7      | +0.02 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
|     |     | 0.17  | 132 | P2  | TWD | 7   | AV8      | +0.02 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
| 108 | 83  | 0.36  | 116 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.44  | 128 | P2  | TWD | 15  | AV5      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.51  | 119 | P2  | TWD | 17  | AV6      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.25  | 120 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
| 108 | 85  | 0.19  | 120 | P2  | TWD | 8   | AV1      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.43  | 117 | P2  | TWD | 15  | AV2      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.45  | 125 | P2  | TWD | 16  | AV3      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.19  | 123 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.41  | 111 | P2  | TWD | 15  | AV6      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.25  | 116 | P2  | TWD | 10  | AV8      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
| 108 | 87  | 0.14  | 133 | P2  | TWD | 6   | AV1      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
|     |     | 0.37  | 123 | P2  | TWD | 14  | AV2      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
|     |     | 0.16  | 95  | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
|     |     | 0.16  | 128 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
| 108 | 89  | 0.32  | 127 | P2  | TWD | 11  | AV8      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.45  | 123 | P2  | TWD | 14  | AV7      | +0.09 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.68  | 116 | P2  | TWD | 19  | AV5      | +0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.49  | 117 | P2  | TWD | 15  | AV3      | +0.04 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.11  | 90  | P2  | TWD | 4   | AV2      | +0.17 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.47  | 112 | P2  | TWD | 15  | AV6      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW   | COL   | VOLTS | DEG   | CHN   | IND   | %TW   | LOCATION | EXT   | EXT   | UTIL 1 | UTIL 2 | CAL # | LEG   | PROBE |
|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|--------|--------|-------|-------|-------|
| ===== | ===== | ===== | ===== | ===== | ===== | ===== | =====    | ===== | ===== | =====  | =====  | ===== | ===== | ===== |
| 108   | 91    | 0.24  | 128   | P2    | TWD   | 9     | AV1      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.28  | 112   | P2    | TWD   | 10    | AV2      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.60  | 113   | P2    | TWD   | 18    | AV3      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.58  | 115   | P2    | TWD   | 18    | AV4      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.35  | 121   | P2    | TWD   | 12    | AV5      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.43  | 114   | P2    | TWD   | 14    | AV6      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.33  | 127   | P2    | TWD   | 11    | AV7      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
| 108   | 93    | 0.38  | 128   | P2    | TWD   | 13    | AV2      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.13  | 126   | P2    | TWD   | 5     | AV6      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.15  | 123   | P2    | TWD   | 6     | AV7      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
| 108   | 95    | 0.48  | 122   | P2    | TWD   | 15    | AV2      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.37  | 125   | P2    | TWD   | 13    | AV3      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.64  | 123   | P2    | TWD   | 19    | AV4      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.34  | 129   | P2    | TWD   | 12    | AV5      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.41  | 124   | P2    | TWD   | 14    | AV6      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.23  | 119   | P2    | TWD   | 9     | AV7      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
| 108   | 99    | 0.55  | 135   | P2    | TWD   | 14    | AV2      | +0.00 | TEH   | TEC    |        | 50    | COLD  | 610UL |
|       |       | 0.35  | 147   | P2    | TWD   | 10    | AV3      | +0.00 | TEH   | TEC    |        | 50    | COLD  | 610UL |
| 108   | 101   | 0.18  | 101   | P2    | TWD   | 7     | AV6      | +0.11 | TEH   | TEC    |        | 53    | COLD  | 610UL |
|       |       | 0.18  | 110   | P2    | TWD   | 7     | AV4      | +0.00 | TEH   | TEC    |        | 53    | COLD  | 610UL |
|       |       | 0.17  | 113   | P2    | TWD   | 7     | AV3      | +0.00 | TEH   | TEC    |        | 53    | COLD  | 610UL |
| 108   | 103   | 0.18  | 87    | P2    | TWD   | 7     | AV4      | +0.00 | TEH   | TEC    |        | 56    | COLD  | 610UL |
|       |       | 0.14  | 127   | P2    | TWD   | 6     | AV3      | +0.00 | TEH   | TEC    |        | 56    | COLD  | 610UL |
|       |       | 0.11  | 85    | P2    | TWD   | 5     | AV2      | +0.00 | TEH   | TEC    |        | 56    | COLD  | 610UL |
| 109   | 72    | 0.26  | 115   | P2    | TWD   | 10    | AV5      | +0.09 | TEH   | TEC    |        | 30    | COLD  | 610UL |
|       |       | 0.33  | 123   | P2    | TWD   | 12    | AV6      | +0.07 | TEH   | TEC    |        | 30    | COLD  | 610UL |
|       |       | 0.32  | 130   | P2    | TWD   | 12    | AV7      | +0.07 | TEH   | TEC    |        | 30    | COLD  | 610UL |
|       |       | 0.29  | 129   | P2    | TWD   | 11    | AV8      | +0.04 | TEH   | TEC    |        | 30    | COLD  | 610UL |
| 109   | 74    | 0.26  | 118   | P2    | TWD   | 10    | AV5      | +0.09 | TEH   | TEC    |        | 29    | COLD  | 610UL |
|       |       | 0.25  | 104   | P2    | TWD   | 10    | AV6      | -0.31 | TEH   | TEC    |        | 29    | COLD  | 610UL |
|       |       | 0.23  | 114   | P2    | TWD   | 9     | AV7      | +0.11 | TEH   | TEC    |        | 29    | COLD  | 610UL |
| 109   | 76    | 0.16  | 110   | P2    | TWD   | 7     | AV2      | +0.00 | TEH   | TEC    |        | 28    | COLD  | 610UL |
| 109   | 78    | 0.24  | 134   | P2    | TWD   | 9     | AV2      | +0.04 | TEH   | TEC    |        | 26    | COLD  | 610UL |
|       |       | 0.57  | 117   | P2    | TWD   | 18    | AV3      | +0.04 | TEH   | TEC    |        | 26    | COLD  | 610UL |
|       |       | 0.26  | 114   | P2    | TWD   | 10    | AV4      | +0.04 | TEH   | TEC    |        | 26    | COLD  | 610UL |
|       |       | 0.22  | 122   | P2    | TWD   | 9     | AV5      | +0.00 | TEH   | TEC    |        | 26    | COLD  | 610UL |
| 109   | 80    | 0.15  | 128   | P2    | TWD   | 6     | AV2      | -0.02 | TEH   | TEC    |        | 26    | COLD  | 610UL |
|       |       | 0.25  | 130   | P2    | TWD   | 10    | AV3      | +0.04 | TEH   | TEC    |        | 26    | COLD  | 610UL |
|       |       | 0.26  | 121   | P2    | TWD   | 10    | AV5      | +0.02 | TEH   | TEC    |        | 26    | COLD  | 610UL |
|       |       | 0.16  | 110   | P2    | TWD   | 7     | AV6      | +0.07 | TEH   | TEC    |        | 26    | COLD  | 610UL |
| 109   | 82    | 0.19  | 106   | P2    | TWD   | 8     | AV1      | -0.02 | TEH   | TEC    |        | 24    | COLD  | 610UL |
|       |       | 0.32  | 121   | P2    | TWD   | 12    | AV2      | +0.00 | TEH   | TEC    |        | 24    | COLD  | 610UL |
|       |       | 0.31  | 128   | P2    | TWD   | 12    | AV3      | +0.00 | TEH   | TEC    |        | 24    | COLD  | 610UL |
|       |       | 0.19  | 106   | P2    | TWD   | 8     | AV6      | +0.00 | TEH   | TEC    |        | 24    | COLD  | 610UL |
|       |       | 0.28  | 127   | P2    | TWD   | 11    | AV7      | +0.00 | TEH   | TEC    |        | 24    | COLD  | 610UL |
| 109   | 84    | 0.26  | 132   | P2    | TWD   | 10    | AV1      | +0.00 | TEH   | TEC    |        | 24    | COLD  | 610UL |
|       |       | 0.17  | 126   | P2    | TWD   | 7     | AV4      | +0.00 | TEH   | TEC    |        | 24    | COLD  | 610UL |
|       |       | 0.37  | 123   | P2    | TWD   | 14    | AV5      | +0.00 | TEH   | TEC    |        | 24    | COLD  | 610UL |
|       |       | 0.34  | 123   | P2    | TWD   | 13    | AV6      | +0.00 | TEH   | TEC    |        | 24    | COLD  | 610UL |
| 109   | 86    | 0.16  | 115   | P2    | TWD   | 7     | AV1      | +0.11 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.34  | 108   | P2    | TWD   | 13    | AV2      | +0.00 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.13  | 69    | P2    | TWD   | 6     | AV3      | +0.00 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.31  | 118   | P2    | TWD   | 12    | AV4      | +0.00 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.26  | 125   | P2    | TWD   | 11    | AV6      | +0.00 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.61  | 121   | P2    | TWD   | 19    | AV7      | +0.00 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.38  | 111   | P2    | TWD   | 14    | AV8      | +0.00 | TEH   | TEC    |        | 45    | COLD  | 610UL |
| 109   | 88    | 0.18  | 128   | P2    | TWD   | 6     | AV8      | +0.02 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.44  | 120   | P2    | TWD   | 14    | AV6      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.20  | 103   | P2    | TWD   | 7     | AV3      | +0.17 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.18  | 101   | P2    | TWD   | 6     | AV2      | -0.07 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.40  | 121   | P2    | TWD   | 13    | AV7      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW   | COL   | VOLTS | DEG   | CHN   | IND   | %TW   | LOCATION | EXT   | EXT   | UTIL  | 1     | UTIL  | 2     | CAL   | #     | LEG   | PROBE |
|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ===== | ===== | ===== | ===== | ===== | ===== | ===== | =====    | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| 109   | 90    | 0.40  | 120   | P2    | TWD   | 13    | AV2      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.12  | 143   | P2    | TWD   | 5     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.39  | 127   | P2    | TWD   | 12    | AV5      | -0.02 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.38  | 125   | P2    | TWD   | 12    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.43  | 109   | P2    | TWD   | 13    | AV7      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
| 109   | 92    | 0.14  | 142   | P2    | TWD   | 5     | AV2      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.50  | 129   | P2    | TWD   | 16    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.68  | 122   | P2    | TWD   | 19    | AV4      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.40  | 132   | P2    | TWD   | 13    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.31  | 124   | P2    | TWD   | 11    | AV7      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.12  | 129   | P2    | TWD   | 5     | AV5      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.15  | 140   | P2    | TWD   | 6     | AV8      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
| 109   | 94    | 0.31  | 124   | P2    | TWD   | 11    | AV2      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.17  | 128   | P2    | TWD   | 7     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.23  | 125   | P2    | TWD   | 9     | AV6      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
| 109   | 100   | 0.23  | 136   | P2    | TWD   | 9     | AV7      | +0.02 | TEH   | TEC   |       |       |       | 51    |       | COLD  | 610UL |
|       |       | 0.12  | 118   | P2    | TWD   | 5     | AV6      | +0.13 | TEH   | TEC   |       |       |       | 51    |       | COLD  | 610UL |
| 109   | 102   | 0.24  | 114   | P2    | TWD   | 9     | AV5      | +0.02 | TEH   | TEC   |       |       |       | 53    |       | COLD  | 610UL |
|       |       | 0.22  | 122   | P2    | TWD   | 8     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 53    |       | COLD  | 610UL |
| 110   | 71    | 0.25  | 104   | P2    | TWD   | 10    | AV2      | +0.00 | TEH   | TEC   |       |       |       | 29    |       | COLD  | 610UL |
|       |       | 0.17  | 122   | P2    | TWD   | 7     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 29    |       | COLD  | 610UL |
| 110   | 73    | 0.24  | 107   | P2    | TWD   | 9     | AV2      | +0.00 | TEH   | TEC   |       |       |       | 29    |       | COLD  | 610UL |
| 110   | 77    | 0.25  | 134   | P2    | TWD   | 10    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 27    |       | COLD  | 610UL |
| 110   | 79    | 0.17  | 146   | P2    | TWD   | 7     | AV2      | +0.00 | TEH   | TEC   |       |       |       | 25    |       | COLD  | 610UL |
|       |       | 0.29  | 123   | P2    | TWD   | 11    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 25    |       | COLD  | 610UL |
| 110   | 81    | 0.17  | 141   | P2    | TWD   | 7     | AV4      | +0.00 | TEH   | TEC   |       |       |       | 25    |       | COLD  | 610UL |
|       |       | 0.36  | 128   | P2    | TWD   | 13    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 25    |       | COLD  | 610UL |
|       |       | 0.32  | 130   | P2    | TWD   | 12    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 25    |       | COLD  | 610UL |
| 110   | 83    | 0.17  | 119   | P2    | TWD   | 7     | AV1      | -0.02 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|       |       | 0.30  | 133   | P2    | TWD   | 11    | AV2      | -0.02 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|       |       | 0.36  | 127   | P2    | TWD   | 13    | AV7      | +0.04 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
| 110   | 85    | 0.17  | 123   | P2    | TWD   | 7     | AV1      | +0.02 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|       |       | 0.54  | 115   | P2    | TWD   | 18    | AV3      | +0.11 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|       |       | 0.29  | 127   | P2    | TWD   | 11    | AV4      | +0.09 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|       |       | 0.40  | 125   | P2    | TWD   | 14    | AV5      | +0.09 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|       |       | 0.45  | 120   | P2    | TWD   | 15    | AV6      | +0.11 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|       |       | 0.58  | 118   | P2    | TWD   | 18    | AV7      | +0.02 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|       |       | 0.30  | 120   | P2    | TWD   | 11    | AV8      | +0.09 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
| 110   | 87    | 0.26  | 126   | P2    | TWD   | 10    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|       |       | 0.39  | 112   | P2    | TWD   | 13    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|       |       | 0.24  | 126   | P2    | TWD   | 9     | AV2      | +0.00 | TEH   | TEC   |       |       |       | 44    |       | COLD  | 610UL |
| 110   | 89    | 0.16  | 135   | P2    | TWD   | 6     | AV8      | +0.04 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.14  | 127   | P2    | TWD   | 5     | AV7      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.26  | 126   | P2    | TWD   | 9     | AV6      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.53  | 121   | P2    | TWD   | 16    | AV5      | +0.07 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.68  | 119   | P2    | TWD   | 19    | AV4      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.54  | 113   | P2    | TWD   | 16    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.53  | 113   | P2    | TWD   | 16    | AV2      | +0.20 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.20  | 125   | P2    | TWD   | 7     | AV1      | -0.02 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
| 110   | 91    | 0.43  | 127   | P2    | TWD   | 14    | AV2      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.30  | 128   | P2    | TWD   | 11    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.56  | 121   | P2    | TWD   | 17    | AV4      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.32  | 124   | P2    | TWD   | 11    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.63  | 126   | P2    | TWD   | 19    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.21  | 113   | P2    | TWD   | 8     | AV7      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
| 110   | 93    | 0.24  | 140   | P2    | TWD   | 9     | AV6      | +0.00 | TEH   | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|       |       | 0.43  | 129   | P2    | TWD   | 14    | AV4      | +0.00 | TEH   | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|       |       | 0.53  | 117   | P2    | TWD   | 16    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|       |       | 0.42  | 117   | P2    | TWD   | 14    | AV2      | +0.00 | TEH   | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|       |       | 0.13  | 153   | P2    | TWD   | 5     | AV5      | +0.00 | TEH   | TEC   | LAR   |       |       | 49    |       | COLD  | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW  | COL  | VOLTS | DEG  | CHN  | IND  | %TW  | LOCATION | EXT   | EXT  | UTIL  | 1     | UTIL  | 2     | CAL   | #     | LEG   | PROBE |
|------|------|-------|------|------|------|------|----------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| ==== | ==== | ===== | ==== | ==== | ==== | ==== | =====    | ====  | ==== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| 110  | 95   | 0.25  | 133  | P2   | TWD  | 9    | AV7      | +0.00 | TEH  | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|      |      | 0.37  | 132  | P2   | TWD  | 13   | AV6      | +0.00 | TEH  | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|      |      | 0.17  | 148  | P2   | TWD  | 6    | AV3      | +0.00 | TEH  | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|      |      | 0.46  | 124  | P2   | TWD  | 15   | AV2      | +0.00 | TEH  | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|      |      | 0.20  | 143  | P2   | TWD  | 8    | AV1      | +0.00 | TEH  | TEC   |       |       |       | 49    |       | COLD  | 610UL |
| 110  | 103  | 0.31  | 135  | P2   | TWD  | 11   | AV2      | +0.00 | TEH  | TEC   |       |       |       | 55    |       | COLD  | 610UL |
| 111  | 78   | 0.17  | 137  | P2   | TWD  | 7    | AV2      | +0.00 | TEH  | TEC   |       |       |       | 25    |       | COLD  | 610UL |
|      |      | 0.18  | 140  | P2   | TWD  | 8    | AV5      | +0.00 | TEH  | TEC   |       |       |       | 25    |       | COLD  | 610UL |
| 111  | 80   | 0.26  | 128  | P2   | TWD  | 10   | AV5      | +0.00 | TEH  | TEC   |       |       |       | 25    |       | COLD  | 610UL |
|      |      | 0.24  | 139  | P2   | TWD  | 10   | AV7      | +0.00 | TEH  | TEC   |       |       |       | 25    |       | COLD  | 610UL |
| 111  | 82   | 0.27  | 127  | P2   | TWD  | 10   | AV5      | +0.09 | TEH  | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|      |      | 0.13  | 121  | P2   | TWD  | 6    | AV6      | -0.02 | TEH  | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|      |      | 0.23  | 122  | P2   | TWD  | 9    | AV7      | +0.09 | TEH  | TEC   |       |       |       | 23    |       | COLD  | 610UL |
| 111  | 84   | 0.35  | 121  | P2   | TWD  | 13   | AV3      | +0.00 | TEH  | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|      |      | 0.17  | 138  | P2   | TWD  | 7    | AV4      | +0.00 | TEH  | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|      |      | 0.48  | 122  | P2   | TWD  | 16   | AV5      | +0.02 | TEH  | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|      |      | 0.58  | 125  | P2   | TWD  | 18   | AV6      | +0.02 | TEH  | TEC   |       |       |       | 23    |       | COLD  | 610UL |
| 111  | 86   | 0.14  | 141  | P2   | TWD  | 6    | AV8      | +0.00 | TEH  | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|      |      | 0.22  | 116  | P2   | TWD  | 9    | AV7      | +0.07 | TEH  | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|      |      | 0.21  | 85   | P2   | TWD  | 8    | AV6      | +0.00 | TEH  | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|      |      | 0.34  | 129  | P2   | TWD  | 12   | AV5      | +0.00 | TEH  | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|      |      | 0.35  | 117  | P2   | TWD  | 12   | AV4      | +0.00 | TEH  | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|      |      | 0.37  | 106  | P2   | TWD  | 13   | AV3      | +0.04 | TEH  | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|      |      | 0.41  | 116  | P2   | TWD  | 14   | AV2      | +0.00 | TEH  | TEC   |       |       |       | 44    |       | COLD  | 610UL |
| 111  | 88   | 0.62  | 117  | P2   | TWD  | 18   | AV7      | +0.11 | TEH  | TEC   |       |       |       | 46    |       | COLD  | 610UL |
|      |      | 0.57  | 122  | P2   | TWD  | 17   | AV5      | +0.00 | TEH  | TEC   |       |       |       | 46    |       | COLD  | 610UL |
|      |      | 0.40  | 122  | P2   | TWD  | 13   | AV4      | +0.02 | TEH  | TEC   |       |       |       | 46    |       | COLD  | 610UL |
|      |      | 0.52  | 119  | P2   | TWD  | 16   | AV2      | +0.00 | TEH  | TEC   |       |       |       | 46    |       | COLD  | 610UL |
|      |      | 0.17  | 124  | P2   | TWD  | 6    | AV1      | +0.00 | TEH  | TEC   |       |       |       | 46    |       | COLD  | 610UL |
| 111  | 90   | 0.20  | 98   | P2   | TWD  | 7    | AV2      | +0.00 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|      |      | 0.22  | 111  | P2   | TWD  | 8    | AV4      | +0.11 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|      |      | 0.24  | 126  | P2   | TWD  | 8    | AV5      | +0.11 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|      |      | 0.36  | 111  | P2   | TWD  | 12   | AV6      | +0.09 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|      |      | 0.29  | 133  | P2   | TWD  | 10   | AV7      | +0.09 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
| 111  | 92   | 0.22  | 129  | P2   | TWD  | 8    | AV1      | +0.00 | TEH  | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|      |      | 0.43  | 128  | P2   | TWD  | 14   | AV2      | +0.00 | TEH  | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|      |      | 0.18  | 138  | P2   | TWD  | 7    | AV3      | +0.00 | TEH  | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|      |      | 0.50  | 129  | P2   | TWD  | 16   | AV6      | +0.00 | TEH  | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|      |      | 0.24  | 132  | P2   | TWD  | 9    | AV7      | +0.00 | TEH  | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|      |      | 0.13  | 129  | P2   | TWD  | 5    | AV5      | +0.00 | TEH  | TEC   |       |       |       | 48    |       | COLD  | 610UL |
| 111  | 94   | 0.20  | 131  | P2   | TWD  | 7    | AV3      | +0.00 | TEH  | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|      |      | 0.17  | 142  | P2   | TWD  | 6    | AV2      | +0.00 | TEH  | TEC   |       |       |       | 49    |       | COLD  | 610UL |
| 111  | 96   | 0.34  | 135  | P2   | TWD  | 12   | AV4      | +0.00 | TEH  | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|      |      | 0.58  | 124  | P2   | TWD  | 17   | AV3      | +0.00 | TEH  | TEC   |       |       |       | 49    |       | COLD  | 610UL |
| 111  | 102  | 0.20  | 152  | P2   | TWD  | 7    | AV2      | +0.00 | TEH  | TEC   |       |       |       | 54    |       | COLD  | 610UL |
|      |      | 0.46  | 121  | P2   | TWD  | 15   | AV3      | +0.00 | TEH  | TEC   |       |       |       | 54    |       | COLD  | 610UL |
|      |      | 0.15  | 150  | P2   | TWD  | 6    | AV5      | +0.00 | TEH  | TEC   |       |       |       | 54    |       | COLD  | 610UL |
|      |      | 0.16  | 145  | P2   | TWD  | 6    | AV6      | +0.00 | TEH  | TEC   |       |       |       | 54    |       | COLD  | 610UL |
| 111  | 104  | 0.21  | 153  | P2   | TWD  | 8    | AV3      | +0.00 | TEH  | TEC   |       |       |       | 55    |       | COLD  | 610UL |
| 111  | 110  | 0.13  | 115  | P2   | TWD  | 5    | AV2      | +0.00 | TEH  | TEC   |       |       |       | 60    |       | COLD  | 610UL |
| 112  | 77   | 0.18  | 108  | P2   | TWD  | 7    | AV6      | +0.00 | TEH  | TEC   |       |       |       | 28    |       | COLD  | 610UL |
| 112  | 79   | 0.22  | 128  | P2   | TWD  | 9    | AV2      | -0.02 | TEH  | TEC   |       |       |       | 26    |       | COLD  | 610UL |
| 112  | 81   | 0.31  | 117  | P2   | TWD  | 12   | AV5      | +0.00 | TEH  | TEC   |       |       |       | 26    |       | COLD  | 610UL |
|      |      | 0.47  | 123  | P2   | TWD  | 16   | AV6      | +0.00 | TEH  | TEC   |       |       |       | 26    |       | COLD  | 610UL |
| 112  | 83   | 0.18  | 126  | P2   | TWD  | 8    | AV2      | +0.00 | TEH  | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|      |      | 0.25  | 129  | P2   | TWD  | 10   | AV3      | +0.00 | TEH  | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|      |      | 0.53  | 122  | P2   | TWD  | 18   | AV4      | +0.00 | TEH  | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|      |      | 0.26  | 131  | P2   | TWD  | 10   | AV5      | +0.00 | TEH  | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|      |      | 0.44  | 122  | P2   | TWD  | 15   | AV6      | +0.00 | TEH  | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|      |      | 0.28  | 125  | P2   | TWD  | 11   | AV7      | +0.00 | TEH  | TEC   |       |       |       | 24    |       | COLD  | 610UL |
| 112  | 85   | 0.21  | 118  | P2   | TWD  | 9    | AV2      | +0.00 | TEH  | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|      |      | 0.37  | 127  | P2   | TWD  | 14   | AV3      | +0.00 | TEH  | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|      |      | 0.25  | 99   | P2   | TWD  | 10   | AV4      | +0.00 | TEH  | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|      |      | 0.48  | 127  | P2   | TWD  | 16   | AV5      | +0.00 | TEH  | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|      |      | 0.24  | 124  | P2   | TWD  | 10   | AV6      | +0.04 | TEH  | TEC   |       |       |       | 24    |       | COLD  | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW   | COL   | VOLTS | DEG   | CHN   | IND   | %TW   | LOCATION | EXT   | EXT   | UTIL 1 | UTIL 2 | CAL # | LEG   | PROBE |
|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|--------|--------|-------|-------|-------|
| ===== | ===== | ===== | ===== | ===== | ===== | ===== | =====    | ===== | ===== | =====  | =====  | ===== | ===== | ===== |
| 112   | 87    | 0.48  | 118   | P2    | TWD   | 17    | AV2      | +0.02 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.43  | 121   | P2    | TWD   | 15    | AV3      | +0.00 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.16  | 124   | P2    | TWD   | 7     | AV4      | +0.15 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.24  | 133   | P2    | TWD   | 10    | AV5      | +0.00 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.55  | 119   | P2    | TWD   | 18    | AV6      | +0.00 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.48  | 110   | P2    | TWD   | 17    | AV7      | +0.00 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.21  | 114   | P2    | TWD   | 9     | AV8      | +0.00 | TEH   | TEC    |        | 45    | COLD  | 610UL |
| 112   | 89    | 0.16  | 130   | P2    | TWD   | 6     | AV8      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.28  | 122   | P2    | TWD   | 10    | AV7      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.58  | 121   | P2    | TWD   | 17    | AV6      | +0.04 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.38  | 118   | P2    | TWD   | 12    | AV5      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.56  | 121   | P2    | TWD   | 16    | AV4      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.31  | 124   | P2    | TWD   | 10    | AV3      | +0.04 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.43  | 116   | P2    | TWD   | 13    | AV2      | +0.15 | TEH   | TEC    |        | 47    | COLD  | 610UL |
| 112   | 91    | 0.25  | 134   | P2    | TWD   | 9     | AV1      | +0.02 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.38  | 127   | P2    | TWD   | 13    | AV2      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.39  | 123   | P2    | TWD   | 13    | AV4      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.33  | 127   | P2    | TWD   | 11    | AV6      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.15  | 121   | P2    | TWD   | 6     | AV5      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
| 112   | 93    | 0.32  | 133   | P2    | TWD   | 11    | AV2      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.28  | 127   | P2    | TWD   | 10    | AV3      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.26  | 127   | P2    | TWD   | 10    | AV4      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.38  | 125   | P2    | TWD   | 13    | AV5      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.18  | 138   | P2    | TWD   | 7     | AV6      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.19  | 127   | P2    | TWD   | 7     | AV7      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
| 112   | 95    | 0.16  | 120   | P2    | TWD   | 6     | AV1      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.42  | 130   | P2    | TWD   | 14    | AV2      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.34  | 119   | P2    | TWD   | 12    | AV6      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
|       |       | 0.17  | 140   | P2    | TWD   | 7     | AV7      | +0.00 | TEH   | TEC    |        | 48    | COLD  | 610UL |
| 112   | 97    | 0.22  | 118   | P2    | TWD   | 8     | AV2      | -0.11 | TEH   | TEC    |        | 51    | COLD  | 610UL |
| 112   | 99    | 0.36  | 150   | P2    | TWD   | 10    | AV2      | +0.00 | TEH   | TEC    |        | 50    | COLD  | 610UL |
|       |       | 0.29  | 149   | P2    | TWD   | 9     | AV3      | +0.00 | TEH   | TEC    |        | 50    | COLD  | 610UL |
| 112   | 101   | 0.18  | 121   | P2    | TWD   | 7     | AV2      | +0.00 | TEH   | TEC    |        | 53    | COLD  | 610UL |
| 112   | 103   | 0.15  | 104   | P2    | TWD   | 6     | AV5      | +0.02 | TEH   | TEC    |        | 56    | COLD  | 610UL |
|       |       | 0.14  | 117   | P2    | TWD   | 6     | AV2      | +0.00 | TEH   | TEC    |        | 56    | COLD  | 610UL |
| 113   | 78    | 0.25  | 119   | P2    | TWD   | 10    | AV3      | +0.07 | TEH   | TEC    |        | 26    | COLD  | 610UL |
|       |       | 0.23  | 127   | P2    | TWD   | 9     | AV5      | +0.02 | TEH   | TEC    |        | 26    | COLD  | 610UL |
| 113   | 80    | 0.19  | 119   | P2    | TWD   | 8     | AV3      | +0.02 | TEH   | TEC    |        | 26    | COLD  | 610UL |
|       |       | 0.22  | 117   | P2    | TWD   | 9     | AV4      | +0.00 | TEH   | TEC    |        | 26    | COLD  | 610UL |
|       |       | 0.32  | 113   | P2    | TWD   | 12    | AV6      | +0.02 | TEH   | TEC    |        | 26    | COLD  | 610UL |
|       |       | 0.23  | 123   | P2    | TWD   | 9     | AV7      | +0.02 | TEH   | TEC    |        | 26    | COLD  | 610UL |
| 113   | 82    | 0.27  | 130   | P2    | TWD   | 11    | AV2      | +0.00 | TEH   | TEC    |        | 24    | COLD  | 610UL |
|       |       | 0.41  | 122   | P2    | TWD   | 15    | AV3      | +0.00 | TEH   | TEC    |        | 24    | COLD  | 610UL |
|       |       | 0.37  | 126   | P2    | TWD   | 14    | AV5      | +0.00 | TEH   | TEC    |        | 24    | COLD  | 610UL |
|       |       | 0.41  | 117   | P2    | TWD   | 15    | AV6      | +0.00 | TEH   | TEC    |        | 24    | COLD  | 610UL |
|       |       | 0.58  | 120   | P2    | TWD   | 19    | AV7      | +0.00 | TEH   | TEC    |        | 24    | COLD  | 610UL |
| 113   | 84    | 0.37  | 129   | P2    | TWD   | 14    | AV1      | +0.00 | TEH   | TEC    |        | 24    | COLD  | 610UL |
|       |       | 0.18  | 113   | P2    | TWD   | 8     | AV3      | +0.00 | TEH   | TEC    |        | 24    | COLD  | 610UL |
|       |       | 0.49  | 116   | P2    | TWD   | 17    | AV4      | +0.00 | TEH   | TEC    |        | 24    | COLD  | 610UL |
|       |       | 0.51  | 125   | P2    | TWD   | 17    | AV6      | +0.00 | TEH   | TEC    |        | 24    | COLD  | 610UL |
| 113   | 86    | 0.24  | 126   | P2    | TWD   | 10    | AV1      | -0.02 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.58  | 117   | P2    | TWD   | 19    | AV2      | +0.00 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.27  | 104   | P2    | TWD   | 11    | AV3      | +0.00 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.29  | 117   | P2    | TWD   | 12    | AV4      | +0.00 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.22  | 131   | P2    | TWD   | 9     | AV5      | +0.00 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.31  | 118   | P2    | TWD   | 12    | AV6      | +0.00 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.59  | 125   | P2    | TWD   | 19    | AV7      | +0.00 | TEH   | TEC    |        | 45    | COLD  | 610UL |
|       |       | 0.30  | 105   | P2    | TWD   | 12    | AV8      | +0.00 | TEH   | TEC    |        | 45    | COLD  | 610UL |
| 113   | 88    | 0.18  | 120   | P2    | TWD   | 6     | AV6      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.21  | 103   | P2    | TWD   | 7     | AV5      | +0.04 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.27  | 115   | P2    | TWD   | 9     | AV3      | +0.00 | TEH   | TEC    |        | 47    | COLD  | 610UL |
|       |       | 0.13  | 118   | P2    | TWD   | 5     | AV2      | -0.20 | TEH   | TEC    |        | 47    | COLD  | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 113 | 90  | 0.25  | 133 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.26  | 114 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.31  | 119 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.39  | 104 | P2  | TWD | 12  | AV7      | +0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 113 | 92  | 0.19  | 136 | P2  | TWD | 7   | AV1      | -0.07 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.41  | 126 | P2  | TWD | 14  | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.30  | 124 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.31  | 124 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.40  | 125 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 113 | 94  | 0.14  | 114 | P2  | TWD | 5   | AV3      | +0.02 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 113 | 96  | 0.15  | 122 | P2  | TWD | 6   | AV2      | -0.28 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.19  | 131 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 113 | 104 | 0.24  | 105 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
|     |     | 0.40  | 109 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
|     |     | 0.22  | 99  | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |   |      |   | 56  |   | COLD | 610UL |
| 114 | 73  | 0.28  | 104 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC  |   |      |   | 29  |   | COLD | 610UL |
|     |     | 0.28  | 113 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC  |   |      |   | 29  |   | COLD | 610UL |
| 114 | 77  | 0.16  | 129 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
| 114 | 79  | 0.18  | 119 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
| 114 | 81  | 0.25  | 130 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.35  | 131 | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.23  | 137 | P2  | TWD | 9   | AV4      | +0.02 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
| 114 | 83  | 0.29  | 129 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.16  | 137 | P2  | TWD | 7   | AV3      | +0.04 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.31  | 128 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.14  | 117 | P2  | TWD | 6   | AV5      | -0.07 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.19  | 128 | P2  | TWD | 8   | AV6      | +0.04 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.32  | 125 | P2  | TWD | 12  | AV7      | +0.04 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
| 114 | 85  | 0.15  | 116 | P2  | TWD | 6   | AV2      | +0.04 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.44  | 125 | P2  | TWD | 15  | AV3      | +0.07 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.27  | 127 | P2  | TWD | 10  | AV4      | +0.11 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.39  | 123 | P2  | TWD | 14  | AV5      | +0.09 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.36  | 125 | P2  | TWD | 13  | AV6      | +0.11 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.41  | 122 | P2  | TWD | 14  | AV7      | +0.07 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
| 114 | 87  | 0.16  | 93  | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.29  | 111 | P2  | TWD | 11  | AV5      | +0.04 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.42  | 115 | P2  | TWD | 14  | AV4      | +0.00 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.48  | 112 | P2  | TWD | 16  | AV3      | +0.00 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.29  | 115 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
| 114 | 89  | 0.30  | 134 | P2  | TWD | 10  | AV8      | +0.09 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.44  | 120 | P2  | TWD | 14  | AV7      | +0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.24  | 124 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.46  | 119 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.40  | 119 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.47  | 117 | P2  | TWD | 14  | AV3      | +0.09 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.41  | 114 | P2  | TWD | 13  | AV2      | +0.20 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 114 | 91  | 0.30  | 115 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.23  | 101 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.42  | 126 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.53  | 121 | P2  | TWD | 16  | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.28  | 119 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.18  | 128 | P2  | TWD | 7   | AV8      | +0.09 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 114 | 93  | 0.14  | 148 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.44  | 133 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.23  | 126 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.24  | 143 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.22  | 147 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
| 114 | 95  | 0.20  | 129 | P2  | TWD | 7   | AV3      | +0.17 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
| 115 | 74  | 0.30  | 128 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC  |   |      |   | 30  |   | COLD | 610UL |
|     |     | 0.29  | 120 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC  |   |      |   | 30  |   | COLD | 610UL |
| 115 | 78  | 0.23  | 127 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
| 115 | 80  | 0.31  | 126 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.28  | 133 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW   | COL   | VOLTS | DEG   | CHN   | IND   | %TW   | LOCATION | EXT   | EXT   | UTIL  | 1     | UTIL  | 2     | CAL   | #     | LEG   | PROBE |
|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ===== | ===== | ===== | ===== | ===== | ===== | ===== | =====    | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| 115   | 82    | 0.18  | 124   | P2    | TWD   | 7     | AV2      | +0.00 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|       |       | 0.43  | 123   | P2    | TWD   | 15    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|       |       | 0.38  | 126   | P2    | TWD   | 13    | AV5      | +0.02 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|       |       | 0.28  | 129   | P2    | TWD   | 11    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
| 115   | 84    | 0.39  | 129   | P2    | TWD   | 14    | AV2      | -0.02 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|       |       | 0.48  | 124   | P2    | TWD   | 16    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|       |       | 0.45  | 124   | P2    | TWD   | 15    | AV4      | +0.04 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|       |       | 0.53  | 124   | P2    | TWD   | 17    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|       |       | 0.32  | 130   | P2    | TWD   | 12    | AV6      | +0.04 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|       |       | 0.50  | 129   | P2    | TWD   | 17    | AV7      | +0.07 | TEH   | TEC   |       |       |       | 23    |       | COLD  | 610UL |
| 115   | 86    | 0.25  | 105   | P2    | TWD   | 9     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|       |       | 0.59  | 116   | P2    | TWD   | 18    | AV2      | +0.00 | TEH   | TEC   |       |       |       | 44    |       | COLD  | 610UL |
| 115   | 88    | 0.58  | 123   | P2    | TWD   | 17    | AV7      | +0.04 | TEH   | TEC   |       |       |       | 46    |       | COLD  | 610UL |
|       |       | 0.38  | 104   | P2    | TWD   | 12    | AV5      | +0.02 | TEH   | TEC   |       |       |       | 46    |       | COLD  | 610UL |
|       |       | 0.21  | 118   | P2    | TWD   | 8     | AV4      | +0.02 | TEH   | TEC   |       |       |       | 46    |       | COLD  | 610UL |
|       |       | 0.55  | 118   | P2    | TWD   | 16    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 46    |       | COLD  | 610UL |
|       |       | 0.53  | 119   | P2    | TWD   | 16    | AV2      | +0.00 | TEH   | TEC   |       |       |       | 46    |       | COLD  | 610UL |
|       |       | 0.20  | 128   | P2    | TWD   | 7     | AV1      | +0.00 | TEH   | TEC   |       |       |       | 46    |       | COLD  | 610UL |
| 115   | 90    | 0.13  | 116   | P2    | TWD   | 5     | AV1      | +0.04 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.35  | 119   | P2    | TWD   | 11    | AV2      | -0.04 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.18  | 112   | P2    | TWD   | 6     | AV4      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.21  | 118   | P2    | TWD   | 7     | AV5      | +0.00 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.18  | 124   | P2    | TWD   | 7     | AV6      | +0.07 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.18  | 122   | P2    | TWD   | 6     | AV7      | +0.04 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
| 115   | 92    | 0.24  | 144   | P2    | TWD   | 9     | AV2      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.21  | 123   | P2    | TWD   | 8     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.49  | 124   | P2    | TWD   | 16    | AV4      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.33  | 120   | P2    | TWD   | 11    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.42  | 127   | P2    | TWD   | 14    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.20  | 138   | P2    | TWD   | 7     | AV7      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
| 115   | 96    | 0.15  | 155   | P2    | TWD   | 6     | AV6      | +0.00 | TEH   | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|       |       | 0.14  | 149   | P2    | TWD   | 5     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|       |       | 0.17  | 131   | P2    | TWD   | 6     | AV2      | +0.00 | TEH   | TEC   |       |       |       | 49    |       | COLD  | 610UL |
| 115   | 102   | 0.22  | 138   | P2    | TWD   | 8     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 54    |       | COLD  | 610UL |
|       |       | 0.18  | 133   | P2    | TWD   | 7     | AV4      | +0.00 | TEH   | TEC   |       |       |       | 54    |       | COLD  | 610UL |
| 115   | 130   | 0.16  | 85    | P2    | TWD   | 8     | AV4      | -0.04 | TEC   | TEH   |       |       |       | 30    |       | HOT   | 610UL |
| 116   | 75    | 0.16  | 123   | P2    | TWD   | 7     | AV2      | +0.00 | TEH   | TEC   |       |       |       | 28    |       | COLD  | 610UL |
|       |       | 0.16  | 132   | P2    | TWD   | 7     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 28    |       | COLD  | 610UL |
| 116   | 77    | 0.18  | 104   | P2    | TWD   | 7     | AV6      | +0.00 | TEH   | TEC   |       |       |       | 28    |       | COLD  | 610UL |
| 116   | 79    | 0.45  | 122   | P2    | TWD   | 15    | AV2      | -0.02 | TEH   | TEC   |       |       |       | 26    |       | COLD  | 610UL |
|       |       | 0.29  | 117   | P2    | TWD   | 11    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 26    |       | COLD  | 610UL |
|       |       | 0.25  | 123   | P2    | TWD   | 10    | AV6      | -0.04 | TEH   | TEC   |       |       |       | 26    |       | COLD  | 610UL |
|       |       | 0.24  | 117   | P2    | TWD   | 9     | AV7      | +0.00 | TEH   | TEC   |       |       |       | 26    |       | COLD  | 610UL |
| 116   | 81    | 0.17  | 108   | P2    | TWD   | 7     | AV4      | +0.00 | TEH   | TEC   |       |       |       | 26    |       | COLD  | 610UL |
|       |       | 0.29  | 119   | P2    | TWD   | 11    | AV5      | +0.02 | TEH   | TEC   |       |       |       | 26    |       | COLD  | 610UL |
|       |       | 0.36  | 127   | P2    | TWD   | 13    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 26    |       | COLD  | 610UL |
| 116   | 83    | 0.23  | 120   | P2    | TWD   | 9     | AV1      | -0.04 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.57  | 116   | P2    | TWD   | 19    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.55  | 115   | P2    | TWD   | 18    | AV4      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.36  | 126   | P2    | TWD   | 13    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.26  | 135   | P2    | TWD   | 10    | AV8      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
| 116   | 85    | 0.19  | 124   | P2    | TWD   | 8     | AV1      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.52  | 126   | P2    | TWD   | 17    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.22  | 120   | P2    | TWD   | 9     | AV4      | +0.02 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.56  | 113   | P2    | TWD   | 18    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.55  | 120   | P2    | TWD   | 18    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.51  | 119   | P2    | TWD   | 17    | AV7      | +0.00 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
| 116   | 87    | 0.12  | 127   | P2    | TWD   | 5     | AV2      | +0.00 | TEH   | TEC   |       |       |       | 45    |       | COLD  | 610UL |
|       |       | 0.37  | 124   | P2    | TWD   | 14    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 45    |       | COLD  | 610UL |
|       |       | 0.29  | 125   | P2    | TWD   | 12    | AV4      | +0.00 | TEH   | TEC   |       |       |       | 45    |       | COLD  | 610UL |
|       |       | 0.49  | 125   | P2    | TWD   | 17    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 45    |       | COLD  | 610UL |
|       |       | 0.29  | 119   | P2    | TWD   | 12    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 45    |       | COLD  | 610UL |
|       |       | 0.30  | 116   | P2    | TWD   | 12    | AV7      | +0.00 | TEH   | TEC   |       |       |       | 45    |       | COLD  | 610UL |
|       |       | 0.25  | 130   | P2    | TWD   | 10    | AV8      | +0.00 | TEH   | TEC   |       |       |       | 45    |       | COLD  | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 116 | 89  | 0.21  | 126 | P2  | TWD | 7   | AV8      | +0.11 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.32  | 128 | P2  | TWD | 11  | AV7      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.38  | 120 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.26  | 122 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.60  | 120 | P2  | TWD | 17  | AV3      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.38  | 119 | P2  | TWD | 12  | AV2      | +0.07 | TEH | TEC    |        | 47    | COLD | 610UL |
| 116 | 91  | 0.18  | 122 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.21  | 133 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.21  | 139 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.28  | 123 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 116 | 93  | 0.22  | 123 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.32  | 126 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.14  | 137 | P2  | TWD | 5   | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.27  | 137 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.13  | 124 | P2  | TWD | 5   | AV1      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 116 | 95  | 0.15  | 131 | P2  | TWD | 6   | AV3      | +0.28 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.32  | 135 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 116 | 97  | 0.11  | 127 | P2  | TWD | 5   | AV2      | +0.17 | TEH | TEC    |        | 51    | COLD | 610UL |
| 117 | 78  | 0.27  | 120 | P2  | TWD | 10  | AV3      | +0.09 | TEH | TEC    |        | 26    | COLD | 610UL |
| 117 | 80  | 0.16  | 135 | P2  | TWD | 7   | AV2      | +0.02 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.14  | 121 | P2  | TWD | 6   | AV5      | +0.07 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.24  | 131 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 26    | COLD | 610UL |
| 117 | 82  | 0.25  | 114 | P2  | TWD | 10  | AV1      | -0.07 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.39  | 124 | P2  | TWD | 14  | AV2      | +0.00 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.15  | 115 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.47  | 115 | P2  | TWD | 16  | AV7      | +0.00 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.38  | 116 | P2  | TWD | 14  | AV8      | +0.00 | TEH | TEC    |        | 26    | COLD | 610UL |
| 117 | 84  | 0.36  | 124 | P2  | TWD | 13  | AV1      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.31  | 111 | P2  | TWD | 12  | AV2      | +0.07 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.47  | 123 | P2  | TWD | 16  | AV5      | +0.09 | TEH | TEC    |        | 23    | COLD | 610UL |
| 117 | 86  | 0.50  | 119 | P2  | TWD | 17  | AV2      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.35  | 109 | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.40  | 121 | P2  | TWD | 14  | AV4      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.46  | 117 | P2  | TWD | 16  | AV5      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.59  | 123 | P2  | TWD | 19  | AV6      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.15  | 106 | P2  | TWD | 7   | AV8      | +0.04 | TEH | TEC    |        | 45    | COLD | 610UL |
| 117 | 88  | 0.53  | 126 | P2  | TWD | 16  | AV6      | +0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.27  | 123 | P2  | TWD | 9   | AV5      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.33  | 125 | P2  | TWD | 11  | AV4      | +0.07 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.29  | 104 | P2  | TWD | 10  | AV3      | +0.09 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.22  | 126 | P2  | TWD | 8   | AV2      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
| 117 | 90  | 0.54  | 123 | P2  | TWD | 16  | AV2      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.21  | 126 | P2  | TWD | 7   | AV3      | -0.09 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.41  | 123 | P2  | TWD | 13  | AV5      | +0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.28  | 119 | P2  | TWD | 9   | AV6      | +0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.53  | 123 | P2  | TWD | 16  | AV7      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
| 117 | 92  | 0.35  | 134 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.19  | 133 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.37  | 131 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.30  | 131 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 117 | 94  | 0.20  | 136 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.18  | 128 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 118 | 77  | 0.19  | 134 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 27    | COLD | 610UL |
| 118 | 81  | 0.19  | 127 | P2  | TWD | 8   | AV3      | +0.02 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.43  | 127 | P2  | TWD | 15  | AV5      | +0.04 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.36  | 132 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
| 118 | 83  | 0.28  | 128 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.20  | 125 | P2  | TWD | 8   | AV4      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.34  | 124 | P2  | TWD | 12  | AV5      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.44  | 134 | P2  | TWD | 15  | AV6      | +0.09 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.33  | 131 | P2  | TWD | 12  | AV7      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW  | COL  | VOLTS | DEG  | CHN  | IND  | %TW  | LOCATION | EXT   | EXT  | UTIL  | 1     | UTIL  | 2     | CAL   | #     | LEG   | PROBE |
|------|------|-------|------|------|------|------|----------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| ==== | ==== | ===== | ==== | ==== | ==== | ==== | =====    | ====  | ==== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| 118  | 85   | 0.28  | 136  | P2   | TWD  | 11   | AV2      | +0.07 | TEH  | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|      |      | 0.22  | 136  | P2   | TWD  | 9    | AV4      | +0.02 | TEH  | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|      |      | 0.48  | 123  | P2   | TWD  | 16   | AV5      | +0.04 | TEH  | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|      |      | 0.61  | 119  | P2   | TWD  | 19   | AV6      | +0.07 | TEH  | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|      |      | 0.20  | 119  | P2   | TWD  | 8    | AV8      | +0.09 | TEH  | TEC   |       |       |       | 23    |       | COLD  | 610UL |
| 118  | 87   | 0.31  | 99   | P2   | TWD  | 11   | AV6      | +0.04 | TEH  | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|      |      | 0.45  | 118  | P2   | TWD  | 15   | AV5      | +0.04 | TEH  | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|      |      | 0.25  | 119  | P2   | TWD  | 9    | AV4      | +0.00 | TEH  | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|      |      | 0.49  | 112  | P2   | TWD  | 16   | AV3      | +0.02 | TEH  | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|      |      | 0.40  | 117  | P2   | TWD  | 14   | AV2      | -0.04 | TEH  | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|      |      | 0.12  | 64   | P2   | TWD  | 5    | AV1      | -0.02 | TEH  | TEC   | LAR   |       |       | 44    |       | COLD  | 610UL |
| 118  | 89   | 0.20  | 139  | P2   | TWD  | 7    | AV8      | +0.07 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|      |      | 0.16  | 103  | P2   | TWD  | 6    | AV7      | +0.00 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|      |      | 0.53  | 126  | P2   | TWD  | 16   | AV6      | +0.09 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|      |      | 0.18  | 114  | P2   | TWD  | 6    | AV4      | +0.00 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|      |      | 0.71  | 121  | P2   | TWD  | 19   | AV3      | -0.02 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|      |      | 0.36  | 113  | P2   | TWD  | 12   | AV2      | +0.00 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|      |      | 0.23  | 138  | P2   | TWD  | 8    | AV1      | -0.09 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
| 118  | 91   | 0.47  | 127  | P2   | TWD  | 15   | AV2      | +0.00 | TEH  | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|      |      | 0.39  | 117  | P2   | TWD  | 13   | AV3      | +0.00 | TEH  | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|      |      | 0.30  | 128  | P2   | TWD  | 11   | AV4      | +0.00 | TEH  | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|      |      | 0.40  | 120  | P2   | TWD  | 13   | AV5      | +0.00 | TEH  | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|      |      | 0.35  | 122  | P2   | TWD  | 12   | AV6      | +0.00 | TEH  | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|      |      | 0.15  | 134  | P2   | TWD  | 6    | AV7      | +0.00 | TEH  | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|      |      | 0.13  | 131  | P2   | TWD  | 5    | AV8      | +0.00 | TEH  | TEC   |       |       |       | 48    |       | COLD  | 610UL |
| 118  | 93   | 0.15  | 148  | P2   | TWD  | 6    | AV7      | +0.04 | TEH  | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|      |      | 0.28  | 135  | P2   | TWD  | 10   | AV6      | +0.00 | TEH  | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|      |      | 0.32  | 130  | P2   | TWD  | 11   | AV5      | +0.00 | TEH  | TEC   |       |       |       | 49    |       | COLD  | 610UL |
| 118  | 95   | 0.28  | 130  | P2   | TWD  | 10   | AV3      | +0.00 | TEH  | TEC   |       |       |       | 49    |       | COLD  | 610UL |
|      |      | 0.39  | 135  | P2   | TWD  | 13   | AV2      | +0.00 | TEH  | TEC   |       |       |       | 49    |       | COLD  | 610UL |
| 118  | 127  | 0.21  | 133  | P2   | TWD  | 8    | AV2      | -0.07 | TEC  | TEH   |       |       |       | 33    |       | HOT   | 610UL |
|      |      | 0.17  | 102  | P2   | TWD  | 6    | AV7      | -0.04 | TEC  | TEH   |       |       |       | 33    |       | HOT   | 610UL |
| 119  | 72   | 0.26  | 82   | P2   | TWD  | 10   | AV3      | +0.07 | TEH  | TEC   |       |       |       | 29    |       | COLD  | 610UL |
| 119  | 80   | 0.23  | 132  | P2   | TWD  | 9    | AV6      | +0.00 | TEH  | TEC   |       |       |       | 25    |       | COLD  | 610UL |
| 119  | 82   | 0.27  | 137  | P2   | TWD  | 11   | AV2      | +0.02 | TEH  | TEC   |       |       |       | 25    |       | COLD  | 610UL |
|      |      | 0.42  | 133  | P2   | TWD  | 15   | AV3      | -0.02 | TEH  | TEC   |       |       |       | 25    |       | COLD  | 610UL |
|      |      | 0.43  | 128  | P2   | TWD  | 15   | AV4      | +0.02 | TEH  | TEC   |       |       |       | 25    |       | COLD  | 610UL |
|      |      | 0.34  | 129  | P2   | TWD  | 13   | AV5      | -0.02 | TEH  | TEC   |       |       |       | 25    |       | COLD  | 610UL |
|      |      | 0.47  | 124  | P2   | TWD  | 16   | AV6      | +0.00 | TEH  | TEC   |       |       |       | 25    |       | COLD  | 610UL |
| 119  | 84   | 0.33  | 126  | P2   | TWD  | 12   | AV2      | +0.02 | TEH  | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|      |      | 0.55  | 120  | P2   | TWD  | 18   | AV3      | +0.02 | TEH  | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|      |      | 0.61  | 123  | P2   | TWD  | 19   | AV5      | +0.09 | TEH  | TEC   |       |       |       | 23    |       | COLD  | 610UL |
|      |      | 0.48  | 121  | P2   | TWD  | 16   | AV6      | +0.07 | TEH  | TEC   |       |       |       | 23    |       | COLD  | 610UL |
| 119  | 86   | 0.38  | 113  | P2   | TWD  | 13   | AV7      | +0.00 | TEH  | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|      |      | 0.62  | 112  | P2   | TWD  | 19   | AV6      | +0.00 | TEH  | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|      |      | 0.62  | 122  | P2   | TWD  | 19   | AV5      | +0.00 | TEH  | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|      |      | 0.49  | 119  | P2   | TWD  | 16   | AV4      | +0.00 | TEH  | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|      |      | 0.49  | 120  | P2   | TWD  | 16   | AV3      | +0.00 | TEH  | TEC   |       |       |       | 44    |       | COLD  | 610UL |
|      |      | 0.61  | 114  | P2   | TWD  | 18   | AV2      | +0.00 | TEH  | TEC   |       |       |       | 44    |       | COLD  | 610UL |
| 119  | 88   | 0.22  | 104  | P2   | TWD  | 8    | AV7      | +0.02 | TEH  | TEC   |       |       |       | 46    |       | COLD  | 610UL |
|      |      | 0.48  | 121  | P2   | TWD  | 15   | AV6      | +0.07 | TEH  | TEC   |       |       |       | 46    |       | COLD  | 610UL |
|      |      | 0.22  | 133  | P2   | TWD  | 8    | AV1      | +0.00 | TEH  | TEC   |       |       |       | 46    |       | COLD  | 610UL |
| 119  | 90   | 0.14  | 135  | P2   | TWD  | 5    | AV1      | +0.04 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|      |      | 0.47  | 118  | P2   | TWD  | 14   | AV2      | -0.02 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|      |      | 0.40  | 113  | P2   | TWD  | 13   | AV3      | +0.04 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|      |      | 0.46  | 105  | P2   | TWD  | 14   | AV4      | +0.04 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|      |      | 0.21  | 91   | P2   | TWD  | 7    | AV5      | +0.09 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|      |      | 0.67  | 117  | P2   | TWD  | 19   | AV6      | +0.02 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|      |      | 0.67  | 119  | P2   | TWD  | 19   | AV7      | +0.00 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|      |      | 0.30  | 122  | P2   | TWD  | 10   | AV8      | +0.00 | TEH  | TEC   |       |       |       | 47    |       | COLD  | 610UL |
| 119  | 92   | 0.41  | 126  | P2   | TWD  | 14   | AV2      | +0.00 | TEH  | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|      |      | 0.13  | 104  | P2   | TWD  | 5    | AV4      | +0.00 | TEH  | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|      |      | 0.43  | 127  | P2   | TWD  | 14   | AV5      | +0.00 | TEH  | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|      |      | 0.43  | 130  | P2   | TWD  | 14   | AV6      | +0.00 | TEH  | TEC   |       |       |       | 48    |       | COLD  | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 119 | 96  | 0.34  | 130 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC    |        | 49    | COLD | 610UL |
| 119 | 102 | 0.15  | 128 | P2  | TWD | 6   | AV5      | -0.02 | TEH | TEC    |        | 54    | COLD | 610UL |
| 120 | 81  | 0.43  | 119 | P2  | TWD | 15  | AV5      | +0.02 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.31  | 116 | P2  | TWD | 12  | AV6      | +0.04 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.17  | 133 | P2  | TWD | 7   | AV8      | +0.02 | TEH | TEC    |        | 26    | COLD | 610UL |
| 120 | 83  | 0.43  | 129 | P2  | TWD | 15  | AV2      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.23  | 135 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.48  | 122 | P2  | TWD | 16  | AV6      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.31  | 126 | P2  | TWD | 12  | AV7      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 120 | 85  | 0.21  | 115 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.33  | 116 | P2  | TWD | 13  | AV5      | -0.04 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.45  | 121 | P2  | TWD | 16  | AV6      | +0.02 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.17  | 140 | P2  | TWD | 7   | AV8      | +0.02 | TEH | TEC    | LAR    | 24    | COLD | 610UL |
| 120 | 87  | 0.19  | 113 | P2  | TWD | 8   | AV1      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.39  | 119 | P2  | TWD | 14  | AV2      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.40  | 118 | P2  | TWD | 15  | AV3      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.37  | 131 | P2  | TWD | 14  | AV7      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.20  | 123 | P2  | TWD | 9   | AV8      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.13  | 120 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    | LAR    | 45    | COLD | 610UL |
| 120 | 89  | 0.30  | 118 | P2  | TWD | 10  | AV7      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.36  | 119 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.45  | 117 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.32  | 127 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.24  | 111 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.35  | 126 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
| 120 | 91  | 0.46  | 123 | P2  | TWD | 15  | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.25  | 127 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.21  | 134 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.31  | 133 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.18  | 138 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 120 | 93  | 0.36  | 129 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.21  | 126 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.15  | 140 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.25  | 130 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.21  | 136 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.23  | 125 | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 120 | 103 | 0.23  | 117 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    | LAR    | 56    | COLD | 610UL |
| 121 | 82  | 0.36  | 129 | P2  | TWD | 13  | AV6      | +0.11 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.20  | 140 | P2  | TWD | 8   | AV7      | +0.04 | TEH | TEC    |        | 25    | COLD | 610UL |
| 121 | 84  | 0.23  | 124 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.20  | 129 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.52  | 119 | P2  | TWD | 17  | AV6      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 121 | 86  | 0.53  | 110 | P2  | TWD | 18  | AV2      | +0.17 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.55  | 119 | P2  | TWD | 18  | AV3      | +0.13 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.38  | 117 | P2  | TWD | 14  | AV4      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.32  | 132 | P2  | TWD | 13  | AV7      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
| 121 | 88  | 0.50  | 119 | P2  | TWD | 15  | AV7      | +0.13 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.70  | 120 | P2  | TWD | 19  | AV6      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.24  | 108 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.22  | 129 | P2  | TWD | 8   | AV4      | -0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.41  | 116 | P2  | TWD | 13  | AV2      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.25  | 122 | P2  | TWD | 9   | AV1      | -0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
| 121 | 90  | 0.20  | 103 | P2  | TWD | 7   | AV1      | -0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.38  | 117 | P2  | TWD | 12  | AV2      | +0.15 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.51  | 115 | P2  | TWD | 15  | AV3      | +0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.36  | 117 | P2  | TWD | 12  | AV6      | +0.07 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.13  | 110 | P2  | TWD | 5   | AV7      | +0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
| 121 | 92  | 0.33  | 130 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.50  | 126 | P2  | TWD | 16  | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.26  | 126 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.25  | 131 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.56  | 127 | P2  | TWD | 17  | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.33  | 133 | P2  | TWD | 12  | AV7      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1   | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|-----|------|---|-----|---|------|-------|
| 121 | 94  | 0.11  | 116 | P2  | TWD | 4   | AV3      | -0.20 | TEH | TEC  |     |      |   | 48  |   | COLD | 610UL |
|     |     | 0.15  | 124 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC  |     |      |   | 48  |   | COLD | 610UL |
|     |     | 0.17  | 136 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |     |      |   | 48  |   | COLD | 610UL |
| 122 | 81  | 0.15  | 127 | P2  | TWD | 7   | AV3      | +0.02 | TEH | TEC  |     |      |   | 25  |   | COLD | 610UL |
|     |     | 0.15  | 121 | P2  | TWD | 6   | AV5      | +0.02 | TEH | TEC  |     |      |   | 25  |   | COLD | 610UL |
|     |     | 0.21  | 121 | P2  | TWD | 9   | AV6      | +0.02 | TEH | TEC  |     |      |   | 25  |   | COLD | 610UL |
|     |     | 0.30  | 126 | P2  | TWD | 12  | AV7      | +0.07 | TEH | TEC  |     |      |   | 25  |   | COLD | 610UL |
|     |     | 0.17  | 106 | P2  | TWD | 7   | AV8      | +0.02 | TEH | TEC  |     |      |   | 25  |   | COLD | 610UL |
| 122 | 83  | 0.17  | 123 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |     |      |   | 23  |   | COLD | 610UL |
|     |     | 0.49  | 123 | P2  | TWD | 16  | AV3      | -0.02 | TEH | TEC  |     |      |   | 23  |   | COLD | 610UL |
|     |     | 0.41  | 120 | P2  | TWD | 14  | AV4      | +0.04 | TEH | TEC  |     |      |   | 23  |   | COLD | 610UL |
|     |     | 0.18  | 127 | P2  | TWD | 7   | AV6      | +0.04 | TEH | TEC  |     |      |   | 23  |   | COLD | 610UL |
|     |     | 0.36  | 127 | P2  | TWD | 13  | AV7      | +0.02 | TEH | TEC  |     |      |   | 23  |   | COLD | 610UL |
| 122 | 85  | 0.31  | 128 | P2  | TWD | 12  | AV1      | -0.04 | TEH | TEC  |     |      |   | 23  |   | COLD | 610UL |
|     |     | 0.35  | 131 | P2  | TWD | 13  | AV2      | +0.04 | TEH | TEC  |     |      |   | 23  |   | COLD | 610UL |
|     |     | 0.27  | 117 | P2  | TWD | 10  | AV4      | +0.04 | TEH | TEC  |     |      |   | 23  |   | COLD | 610UL |
|     |     | 0.43  | 120 | P2  | TWD | 15  | AV5      | +0.09 | TEH | TEC  |     |      |   | 23  |   | COLD | 610UL |
|     |     | 0.49  | 123 | P2  | TWD | 16  | AV6      | +0.11 | TEH | TEC  |     |      |   | 23  |   | COLD | 610UL |
|     |     | 0.47  | 119 | P2  | TWD | 16  | AV7      | +0.06 | TEH | TEC  |     |      |   | 23  |   | COLD | 610UL |
|     |     | 0.18  | 119 | P2  | TWD | 7   | AV8      | +0.13 | TEH | TEC  | LAR |      |   | 23  |   | COLD | 610UL |
| 122 | 89  | 0.14  | 119 | P2  | TWD | 5   | AV1      | -0.09 | TEH | TEC  |     |      |   | 47  |   | COLD | 610UL |
|     |     | 0.30  | 125 | P2  | TWD | 10  | AV2      | +0.02 | TEH | TEC  |     |      |   | 47  |   | COLD | 610UL |
|     |     | 0.47  | 123 | P2  | TWD | 14  | AV3      | +0.04 | TEH | TEC  |     |      |   | 47  |   | COLD | 610UL |
|     |     | 0.29  | 122 | P2  | TWD | 10  | AV6      | +0.04 | TEH | TEC  |     |      |   | 47  |   | COLD | 610UL |
|     |     | 0.17  | 125 | P2  | TWD | 6   | AV7      | +0.09 | TEH | TEC  |     |      |   | 47  |   | COLD | 610UL |
| 122 | 91  | 0.25  | 122 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |     |      |   | 48  |   | COLD | 610UL |
|     |     | 0.63  | 126 | P2  | TWD | 19  | AV4      | +0.00 | TEH | TEC  |     |      |   | 48  |   | COLD | 610UL |
|     |     | 0.42  | 129 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC  |     |      |   | 48  |   | COLD | 610UL |
| 123 | 72  | 0.16  | 98  | P2  | TWD | 6   | AV3      | +0.11 | TEH | TEC  |     |      |   | 29  |   | COLD | 610UL |
| 123 | 82  | 0.26  | 115 | P2  | TWD | 10  | AV1      | -0.02 | TEH | TEC  |     |      |   | 26  |   | COLD | 610UL |
|     |     | 0.55  | 111 | P2  | TWD | 18  | AV2      | -0.02 | TEH | TEC  |     |      |   | 26  |   | COLD | 610UL |
|     |     | 0.21  | 108 | P2  | TWD | 8   | AV3      | -0.04 | TEH | TEC  |     |      |   | 26  |   | COLD | 610UL |
|     |     | 0.17  | 119 | P2  | TWD | 7   | AV4      | +0.02 | TEH | TEC  |     |      |   | 26  |   | COLD | 610UL |
|     |     | 0.26  | 112 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC  |     |      |   | 26  |   | COLD | 610UL |
|     |     | 0.47  | 116 | P2  | TWD | 16  | AV6      | +0.02 | TEH | TEC  |     |      |   | 26  |   | COLD | 610UL |
|     |     | 0.39  | 109 | P2  | TWD | 14  | AV7      | +0.00 | TEH | TEC  |     |      |   | 26  |   | COLD | 610UL |
| 123 | 84  | 0.41  | 113 | P2  | TWD | 14  | AV2      | -0.02 | TEH | TEC  |     |      |   | 23  |   | COLD | 610UL |
|     |     | 0.21  | 124 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |     |      |   | 23  |   | COLD | 610UL |
|     |     | 0.28  | 136 | P2  | TWD | 11  | AV5      | +0.02 | TEH | TEC  |     |      |   | 23  |   | COLD | 610UL |
|     |     | 0.26  | 128 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC  |     |      |   | 23  |   | COLD | 610UL |
| 123 | 86  | 0.31  | 111 | P2  | TWD | 11  | AV2      | +0.02 | TEH | TEC  |     |      |   | 44  |   | COLD | 610UL |
|     |     | 0.29  | 110 | P2  | TWD | 11  | AV5      | +0.04 | TEH | TEC  |     |      |   | 44  |   | COLD | 610UL |
|     |     | 0.45  | 124 | P2  | TWD | 15  | AV6      | +0.00 | TEH | TEC  |     |      |   | 44  |   | COLD | 610UL |
|     |     | 0.25  | 84  | P2  | TWD | 9   | AV7      | +0.02 | TEH | TEC  |     |      |   | 44  |   | COLD | 610UL |
| 123 | 88  | 0.41  | 118 | P2  | TWD | 13  | AV6      | +0.02 | TEH | TEC  |     |      |   | 46  |   | COLD | 610UL |
|     |     | 0.44  | 122 | P2  | TWD | 14  | AV5      | +0.04 | TEH | TEC  |     |      |   | 46  |   | COLD | 610UL |
| 123 | 90  | 0.18  | 124 | P2  | TWD | 6   | AV1      | -0.07 | TEH | TEC  |     |      |   | 47  |   | COLD | 610UL |
|     |     | 0.43  | 112 | P2  | TWD | 13  | AV2      | -0.22 | TEH | TEC  |     |      |   | 47  |   | COLD | 610UL |
|     |     | 0.53  | 114 | P2  | TWD | 16  | AV3      | -0.02 | TEH | TEC  |     |      |   | 47  |   | COLD | 610UL |
|     |     | 0.22  | 103 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC  |     |      |   | 47  |   | COLD | 610UL |
|     |     | 0.26  | 116 | P2  | TWD | 9   | AV5      | +0.07 | TEH | TEC  |     |      |   | 47  |   | COLD | 610UL |
|     |     | 0.54  | 117 | P2  | TWD | 16  | AV6      | +0.07 | TEH | TEC  |     |      |   | 47  |   | COLD | 610UL |
|     |     | 0.31  | 122 | P2  | TWD | 10  | AV7      | +0.07 | TEH | TEC  |     |      |   | 47  |   | COLD | 610UL |
|     |     | 0.15  | 144 | P2  | TWD | 5   | AV8      | +0.09 | TEH | TEC  |     |      |   | 47  |   | COLD | 610UL |
| 123 | 92  | 0.19  | 131 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |     |      |   | 48  |   | COLD | 610UL |
|     |     | 0.19  | 136 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |     |      |   | 48  |   | COLD | 610UL |
|     |     | 0.26  | 127 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC  |     |      |   | 48  |   | COLD | 610UL |
|     |     | 0.36  | 123 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC  |     |      |   | 48  |   | COLD | 610UL |
| 124 | 69  | 0.18  | 142 | P2  | TWD | 8   | AV7      | +0.04 | TEH | TEC  |     |      |   | 22  |   | COLD | 610UL |
| 124 | 79  | 0.17  | 120 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |     |      |   | 26  |   | COLD | 610UL |
| 124 | 81  | 0.30  | 120 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC  |     |      |   | 26  |   | COLD | 610UL |
|     |     | 0.35  | 118 | P2  | TWD | 13  | AV5      | +0.02 | TEH | TEC  |     |      |   | 26  |   | COLD | 610UL |
|     |     | 0.21  | 118 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |     |      |   | 26  |   | COLD | 610UL |
|     |     | 0.22  | 120 | P2  | TWD | 9   | AV8      | +0.02 | TEH | TEC  |     |      |   | 26  |   | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 124 | 83  | 0.25  | 120 | P2  | TWD | 10  | AV1      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.51  | 115 | P2  | TWD | 17  | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.24  | 122 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.19  | 125 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.22  | 113 | P2  | TWD | 9   | AV8      | +0.11 | TEH | TEC    |        | 24    | COLD | 610UL |
| 124 | 85  | 0.40  | 118 | P2  | TWD | 15  | AV6      | +0.04 | TEH | TEC    |        | 24    | COLD | 610UL |
| 124 | 87  | 0.22  | 130 | P2  | TWD | 9   | AV2      | +0.15 | TEH | TEC    |        | 45    | COLD | 610UL |
| 124 | 89  | 0.45  | 117 | P2  | TWD | 14  | AV2      | +0.15 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.49  | 118 | P2  | TWD | 15  | AV3      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.24  | 120 | P2  | TWD | 8   | AV4      | -0.09 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.52  | 120 | P2  | TWD | 16  | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.56  | 122 | P2  | TWD | 16  | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.40  | 119 | P2  | TWD | 13  | AV7      | +0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.17  | 125 | P2  | TWD | 6   | AV8      | +0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
| 124 | 91  | 0.37  | 127 | P2  | TWD | 13  | AV2      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.25  | 128 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.33  | 131 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.21  | 130 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 124 | 93  | 0.44  | 127 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 124 | 95  | 0.19  | 103 | P2  | TWD | 7   | AV3      | +0.22 | TEH | TEC    |        | 48    | COLD | 610UL |
| 125 | 72  | 0.15  | 68  | P2  | TWD | 6   | AV6      | +0.22 | TEH | TEC    |        | 29    | COLD | 610UL |
| 125 | 80  | 0.18  | 106 | P2  | TWD | 7   | AV3      | +0.02 | TEH | TEC    |        | 26    | COLD | 610UL |
|     |     | 0.28  | 112 | P2  | TWD | 11  | AV4      | +0.02 | TEH | TEC    |        | 26    | COLD | 610UL |
| 125 | 82  | 0.36  | 127 | P2  | TWD | 13  | AV4      | +0.09 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.25  | 127 | P2  | TWD | 10  | AV5      | +0.04 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.56  | 126 | P2  | TWD | 18  | AV6      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.24  | 131 | P2  | TWD | 10  | AV7      | +0.04 | TEH | TEC    |        | 25    | COLD | 610UL |
| 125 | 84  | 0.35  | 110 | P2  | TWD | 13  | AV2      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.62  | 115 | P2  | TWD | 19  | AV3      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.38  | 112 | P2  | TWD | 14  | AV4      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.41  | 121 | P2  | TWD | 15  | AV5      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.20  | 124 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 24    | COLD | 610UL |
| 125 | 86  | 0.33  | 105 | P2  | TWD | 13  | AV2      | +0.00 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.14  | 84  | P2  | TWD | 6   | AV3      | -0.04 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.41  | 124 | P2  | TWD | 15  | AV5      | +0.07 | TEH | TEC    |        | 45    | COLD | 610UL |
|     |     | 0.22  | 127 | P2  | TWD | 9   | AV7      | +0.04 | TEH | TEC    |        | 45    | COLD | 610UL |
| 125 | 88  | 0.28  | 123 | P2  | TWD | 10  | AV7      | -0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.28  | 117 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.15  | 116 | P2  | TWD | 5   | AV3      | +0.13 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.15  | 120 | P2  | TWD | 6   | AV2      | +0.17 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.17  | 109 | P2  | TWD | 6   | AV5      | -0.04 | TEH | TEC    |        | 47    | COLD | 610UL |
| 125 | 90  | 0.28  | 104 | P2  | TWD | 10  | AV2      | -0.24 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.31  | 129 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 47    | COLD | 610UL |
|     |     | 0.18  | 125 | P2  | TWD | 6   | AV7      | +0.02 | TEH | TEC    |        | 47    | COLD | 610UL |
| 125 | 92  | 0.26  | 131 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.21  | 117 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.30  | 124 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
|     |     | 0.53  | 127 | P2  | TWD | 17  | AV6      | +0.00 | TEH | TEC    |        | 48    | COLD | 610UL |
| 126 | 75  | 0.12  | 125 | P2  | TWD | 5   | AV7      | -0.15 | TEH | TEC    |        | 27    | COLD | 610UL |
| 126 | 81  | 0.23  | 133 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.17  | 144 | P2  | TWD | 7   | AV6      | +0.04 | TEH | TEC    |        | 25    | COLD | 610UL |
|     |     | 0.19  | 138 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 25    | COLD | 610UL |
| 126 | 83  | 0.33  | 128 | P2  | TWD | 12  | AV7      | +0.04 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.23  | 107 | P2  | TWD | 9   | AV8      | +0.07 | TEH | TEC    |        | 23    | COLD | 610UL |
| 126 | 85  | 0.56  | 127 | P2  | TWD | 18  | AV3      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.60  | 117 | P2  | TWD | 19  | AV2      | +0.02 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.19  | 132 | P2  | TWD | 8   | AV5      | +0.13 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.38  | 128 | P2  | TWD | 14  | AV6      | +0.09 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.36  | 119 | P2  | TWD | 13  | AV7      | +0.11 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.13  | 117 | P2  | TWD | 6   | AV4      | +0.09 | TEH | TEC    |        | 23    | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 126 | 87  | 0.23  | 110 | P2  | TWD | 9   | AV7      | +0.07 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.46  | 111 | P2  | TWD | 15  | AV6      | +0.13 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.37  | 121 | P2  | TWD | 13  | AV5      | +0.13 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.15  | 102 | P2  | TWD | 6   | AV3      | +0.07 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.28  | 107 | P2  | TWD | 10  | AV2      | +0.02 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
| 126 | 89  | 0.30  | 127 | P2  | TWD | 10  | AV1      | -0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.38  | 119 | P2  | TWD | 12  | AV2      | +0.22 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.22  | 120 | P2  | TWD | 8   | AV4      | +0.02 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.41  | 123 | P2  | TWD | 13  | AV5      | +0.04 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.60  | 123 | P2  | TWD | 17  | AV6      | +0.02 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.28  | 127 | P2  | TWD | 10  | AV7      | +0.09 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.22  | 109 | P2  | TWD | 8   | AV8      | +0.11 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 126 | 91  | 0.16  | 114 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.13  | 136 | P2  | TWD | 5   | AV3      | -0.18 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.17  | 128 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.54  | 121 | P2  | TWD | 17  | AV5      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.45  | 128 | P2  | TWD | 15  | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.50  | 130 | P2  | TWD | 16  | AV7      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.22  | 129 | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 126 | 93  | 0.17  | 122 | P2  | TWD | 7   | AV2      | -0.09 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
| 126 | 95  | 0.15  | 149 | P2  | TWD | 6   | AV8      | +0.11 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.16  | 144 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.22  | 142 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
| 126 | 105 | 0.19  | 140 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 55  |   | COLD | 610UL |
| 127 | 78  | 0.29  | 118 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.15  | 99  | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.16  | 117 | P2  | TWD | 7   | AV6      | +0.13 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
| 127 | 82  | 0.22  | 107 | P2  | TWD | 9   | AV3      | +0.04 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
|     |     | 0.61  | 123 | P2  | TWD | 19  | AV4      | +0.00 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
|     |     | 0.37  | 125 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
|     |     | 0.41  | 119 | P2  | TWD | 14  | AV7      | +0.02 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
|     |     | 0.26  | 125 | P2  | TWD | 10  | AV8      | +0.04 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
| 127 | 84  | 0.46  | 128 | P2  | TWD | 16  | AV2      | -0.02 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.39  | 128 | P2  | TWD | 14  | AV3      | +0.02 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.51  | 124 | P2  | TWD | 17  | AV4      | +0.07 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.50  | 116 | P2  | TWD | 17  | AV6      | +0.04 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.56  | 122 | P2  | TWD | 18  | AV7      | +0.00 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
| 127 | 86  | 0.18  | 86  | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.34  | 114 | P2  | TWD | 12  | AV7      | +0.00 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.42  | 109 | P2  | TWD | 14  | AV6      | +0.00 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
| 127 | 88  | 0.31  | 115 | P2  | TWD | 11  | AV3      | -0.02 | TEH | TEC  |   |      |   | 46  |   | COLD | 610UL |
|     |     | 0.27  | 115 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 46  |   | COLD | 610UL |
|     |     | 0.17  | 116 | P2  | TWD | 6   | AV1      | -0.04 | TEH | TEC  |   |      |   | 46  |   | COLD | 610UL |
| 127 | 90  | 0.23  | 114 | P2  | TWD | 8   | AV1      | -0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.19  | 112 | P2  | TWD | 7   | AV2      | -0.13 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.51  | 123 | P2  | TWD | 15  | AV6      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.56  | 120 | P2  | TWD | 16  | AV7      | +0.04 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.22  | 119 | P2  | TWD | 8   | AV8      | +0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 127 | 92  | 0.52  | 129 | P2  | TWD | 16  | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.37  | 132 | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.19  | 142 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.13  | 147 | P2  | TWD | 5   | AV7      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 127 | 96  | 0.15  | 137 | P2  | TWD | 6   | AV1      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
| 128 | 67  | 0.38  | 125 | P2  | TWD | 14  | AV3      | -0.09 | TEH | TEC  |   |      |   | 22  |   | COLD | 610UL |
| 128 | 73  | 0.14  | 84  | P2  | TWD | 6   | AV6      | +0.24 | TEH | TEC  |   |      |   | 30  |   | COLD | 610UL |
| 128 | 81  | 0.40  | 115 | P2  | TWD | 14  | AV6      | +0.00 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
|     |     | 0.38  | 120 | P2  | TWD | 14  | AV7      | +0.00 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
|     |     | 0.20  | 137 | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
| 128 | 83  | 0.47  | 120 | P2  | TWD | 16  | AV2      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.39  | 124 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.25  | 127 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.25  | 114 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.20  | 131 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 128 | 85  | 0.38  | 126 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.57  | 119 | P2  | TWD | 19  | AV6      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.35  | 120 | P2  | TWD | 13  | AV7      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
| 128 | 87  | 0.31  | 113 | P2  | TWD | 12  | AV2      | +0.02 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
|     |     | 0.16  | 88  | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
|     |     | 0.13  | 108 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
|     |     | 0.46  | 121 | P2  | TWD | 16  | AV5      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
|     |     | 0.53  | 121 | P2  | TWD | 18  | AV6      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
|     |     | 0.17  | 124 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
| 128 | 89  | 0.18  | 131 | P2  | TWD | 6   | AV3      | +0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.30  | 113 | P2  | TWD | 10  | AV5      | +0.04 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.69  | 122 | P2  | TWD | 19  | AV6      | +0.04 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.44  | 127 | P2  | TWD | 14  | AV7      | +0.09 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.23  | 125 | P2  | TWD | 8   | AV8      | +0.09 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 128 | 91  | 0.39  | 118 | P2  | TWD | 13  | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.20  | 129 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.16  | 126 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.49  | 120 | P2  | TWD | 16  | AV5      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.53  | 131 | P2  | TWD | 17  | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.26  | 132 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 128 | 93  | 0.16  | 128 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.13  | 124 | P2  | TWD | 5   | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.25  | 121 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.16  | 113 | P2  | TWD | 6   | AV8      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 128 | 95  | 0.15  | 119 | P2  | TWD | 6   | AV2      | +0.22 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 129 | 80  | 0.15  | 125 | P2  | TWD | 6   | AV7      | +0.02 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
| 129 | 82  | 0.37  | 131 | P2  | TWD | 14  | AV3      | +0.04 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.59  | 122 | P2  | TWD | 19  | AV5      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.33  | 130 | P2  | TWD | 12  | AV6      | +0.02 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.32  | 125 | P2  | TWD | 12  | AV7      | +0.04 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
| 129 | 84  | 0.61  | 114 | P2  | TWD | 19  | AV2      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.30  | 128 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.18  | 131 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.45  | 129 | P2  | TWD | 16  | AV6      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
| 129 | 88  | 0.31  | 125 | P2  | TWD | 10  | AV7      | +0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 129 | 90  | 0.46  | 103 | P2  | TWD | 14  | AV2      | -0.24 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.18  | 94  | P2  | TWD | 7   | AV4      | -0.02 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.20  | 119 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.26  | 130 | P2  | TWD | 9   | AV7      | +0.02 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.16  | 106 | P2  | TWD | 6   | AV8      | +0.09 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 129 | 92  | 0.36  | 129 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.32  | 133 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.27  | 133 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.34  | 136 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.23  | 124 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 129 | 94  | 0.16  | 126 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.14  | 79  | P2  | TWD | 5   | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 130 | 67  | 0.25  | 134 | P2  | TWD | 10  | AV2      | +0.02 | TEH | TEC  |   |      |   | 21  |   | COLD | 610UL |
|     |     | 0.40  | 123 | P2  | TWD | 14  | AV3      | +0.02 | TEH | TEC  |   |      |   | 21  |   | COLD | 610UL |
| 130 | 81  | 0.17  | 139 | P2  | TWD | 7   | AV2      | -0.02 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.26  | 116 | P2  | TWD | 10  | AV5      | +0.02 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
| 130 | 83  | 0.29  | 118 | P2  | TWD | 11  | AV3      | -0.04 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.36  | 125 | P2  | TWD | 13  | AV4      | +0.02 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.23  | 125 | P2  | TWD | 9   | AV6      | +0.04 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.27  | 121 | P2  | TWD | 10  | AV7      | +0.04 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
| 130 | 85  | 0.17  | 109 | P2  | TWD | 7   | AV4      | +0.04 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.26  | 123 | P2  | TWD | 10  | AV5      | +0.11 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
| 130 | 87  | 0.17  | 137 | P2  | TWD | 7   | AV7      | +0.07 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.45  | 120 | P2  | TWD | 15  | AV6      | +0.07 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.57  | 115 | P2  | TWD | 18  | AV5      | +0.13 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.21  | 101 | P2  | TWD | 8   | AV4      | +0.09 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.13  | 116 | P2  | TWD | 5   | AV2      | +0.02 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 130 | 89  | 0.15  | 130 | P2  | TWD | 6   | AV4      | +0.02 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.19  | 112 | P2  | TWD | 7   | AV7      | +0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.14  | 124 | P2  | TWD | 5   | AV8      | +0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 130 | 91  | 0.38  | 115 | P2  | TWD | 13  | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.13  | 107 | P2  | TWD | 5   | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 130 | 93  | 0.22  | 142 | P2  | TWD | 8   | AV4      | +0.09 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.44  | 136 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.33  | 134 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
| 130 | 95  | 0.34  | 138 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
|     |     | 0.17  | 145 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
| 130 | 103 | 0.45  | 133 | P2  | TWD | 14  | AV4      | -0.06 | TEH | TEC  |   |      |   | 55  |   | COLD | 610UL |
| 131 | 74  | 0.22  | 121 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 27  |   | COLD | 610UL |
| 131 | 78  | 0.16  | 88  | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
| 131 | 82  | 0.16  | 130 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
|     |     | 0.23  | 127 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
| 131 | 84  | 0.31  | 119 | P2  | TWD | 12  | AV3      | +0.07 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.46  | 124 | P2  | TWD | 16  | AV5      | +0.09 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.21  | 108 | P2  | TWD | 8   | AV6      | +0.11 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
|     |     | 0.44  | 121 | P2  | TWD | 15  | AV7      | +0.04 | TEH | TEC  |   |      |   | 23  |   | COLD | 610UL |
| 131 | 86  | 0.22  | 102 | P2  | TWD | 8   | AV3      | -0.02 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
|     |     | 0.21  | 83  | P2  | TWD | 8   | AV7      | +0.13 | TEH | TEC  |   |      |   | 44  |   | COLD | 610UL |
| 131 | 88  | 0.19  | 126 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 46  |   | COLD | 610UL |
|     |     | 0.22  | 125 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC  |   |      |   | 46  |   | COLD | 610UL |
|     |     | 0.20  | 118 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 46  |   | COLD | 610UL |
| 131 | 90  | 0.25  | 127 | P2  | TWD | 9   | AV1      | -0.09 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.27  | 108 | P2  | TWD | 9   | AV2      | -0.26 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.55  | 113 | P2  | TWD | 16  | AV5      | -0.02 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.51  | 124 | P2  | TWD | 15  | AV6      | -0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.18  | 108 | P2  | TWD | 6   | AV7      | +0.11 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 131 | 92  | 0.41  | 126 | P2  | TWD | 14  | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.27  | 118 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.22  | 134 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 131 | 94  | 0.25  | 141 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC  |   |      |   | 49  |   | COLD | 610UL |
| 132 | 67  | 0.28  | 128 | P2  | TWD | 11  | AV3      | -0.02 | TEH | TEC  |   |      |   | 22  |   | COLD | 610UL |
| 132 | 69  | 0.16  | 132 | P2  | TWD | 7   | AV6      | +0.13 | TEH | TEC  |   |      |   | 22  |   | COLD | 610UL |
|     |     | 0.16  | 135 | P2  | TWD | 7   | AV7      | +0.13 | TEH | TEC  |   |      |   | 22  |   | COLD | 610UL |
| 132 | 81  | 0.22  | 126 | P2  | TWD | 9   | AV6      | +0.02 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
|     |     | 0.17  | 111 | P2  | TWD | 7   | AV7      | +0.09 | TEH | TEC  |   |      |   | 26  |   | COLD | 610UL |
| 132 | 83  | 0.36  | 116 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.21  | 122 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
|     |     | 0.39  | 125 | P2  | TWD | 14  | AV7      | +0.00 | TEH | TEC  |   |      |   | 24  |   | COLD | 610UL |
| 132 | 87  | 0.14  | 122 | P2  | TWD | 6   | AV6      | -0.02 | TEH | TEC  |   |      |   | 45  |   | COLD | 610UL |
| 132 | 89  | 0.40  | 125 | P2  | TWD | 13  | AV2      | -0.11 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.19  | 134 | P2  | TWD | 7   | AV3      | +0.07 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
|     |     | 0.23  | 130 | P2  | TWD | 8   | AV7      | +0.15 | TEH | TEC  |   |      |   | 47  |   | COLD | 610UL |
| 132 | 91  | 0.35  | 125 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.57  | 118 | P2  | TWD | 17  | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.38  | 121 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.22  | 126 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.56  | 126 | P2  | TWD | 17  | AV6      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.30  | 139 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 132 | 93  | 0.21  | 132 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.26  | 127 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.17  | 138 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
|     |     | 0.19  | 133 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |   |      |   | 48  |   | COLD | 610UL |
| 133 | 74  | 0.12  | 97  | P2  | TWD | 5   | AV6      | +0.00 | TEH | TEC  |   |      |   | 28  |   | COLD | 610UL |
| 133 | 82  | 0.24  | 105 | P2  | TWD | 10  | AV3      | -0.04 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.42  | 129 | P2  | TWD | 15  | AV4      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.37  | 127 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.41  | 117 | P2  | TWD | 15  | AV6      | +0.02 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.31  | 123 | P2  | TWD | 12  | AV7      | +0.13 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |
|     |     | 0.16  | 130 | P2  | TWD | 7   | AV8      | +0.07 | TEH | TEC  |   |      |   | 25  |   | COLD | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW   | COL   | VOLTS | DEG   | CHN   | IND   | %TW   | LOCATION | EXT   | EXT   | UTIL  | 1     | UTIL  | 2     | CAL   | #     | LEG   | PROBE |
|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ===== | ===== | ===== | ===== | ===== | ===== | ===== | =====    | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| 133   | 84    | 0.18  | 124   | P2    | TWD   | 8     | AV3      | +0.11 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.18  | 127   | P2    | TWD   | 8     | AV4      | +0.02 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
|       |       | 0.22  | 128   | P2    | TWD   | 9     | AV6      | -0.11 | TEH   | TEC   |       |       |       | 24    |       | COLD  | 610UL |
| 133   | 86    | 0.27  | 119   | P2    | TWD   | 11    | AV2      | +0.04 | TEH   | TEC   |       |       |       | 45    |       | COLD  | 610UL |
|       |       | 0.27  | 128   | P2    | TWD   | 11    | AV7      | +0.07 | TEH   | TEC   |       |       |       | 45    |       | COLD  | 610UL |
| 133   | 90    | 0.27  | 116   | P2    | TWD   | 9     | AV1      | -0.04 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.39  | 106   | P2    | TWD   | 12    | AV2      | -0.20 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.50  | 118   | P2    | TWD   | 15    | AV4      | -0.09 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
|       |       | 0.32  | 120   | P2    | TWD   | 11    | AV7      | +0.04 | TEH   | TEC   |       |       |       | 47    |       | COLD  | 610UL |
| 133   | 92    | 0.48  | 123   | P2    | TWD   | 15    | AV2      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.30  | 127   | P2    | TWD   | 11    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.25  | 131   | P2    | TWD   | 9     | AV5      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.41  | 124   | P2    | TWD   | 14    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.20  | 134   | P2    | TWD   | 8     | AV7      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
| 133   | 94    | 0.22  | 122   | P2    | TWD   | 8     | AV5      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
|       |       | 0.14  | 123   | P2    | TWD   | 5     | AV6      | +0.00 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
| 133   | 96    | 0.21  | 112   | P2    | TWD   | 8     | AV2      | -0.26 | TEH   | TEC   |       |       |       | 48    |       | COLD  | 610UL |
| 134   | 73    | 0.15  | 74    | P2    | TWD   | 6     | AV6      | +0.00 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
| 134   | 81    | 0.24  | 127   | P2    | TWD   | 9     | AV6      | +0.00 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
| 134   | 91    | 0.27  | 130   | P2    | TWD   | 10    | AV2      | +0.00 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.11  | 110   | P2    | TWD   | 5     | AV3      | -0.02 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.17  | 139   | P2    | TWD   | 7     | AV5      | -0.02 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.41  | 123   | P2    | TWD   | 14    | AV6      | +0.02 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.20  | 130   | P2    | TWD   | 8     | AV7      | +0.00 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.14  | 153   | P2    | TWD   | 6     | AV8      | +0.00 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
| 135   | 82    | 0.25  | 127   | P2    | TWD   | 9     | AV2      | +0.00 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.50  | 125   | P2    | TWD   | 16    | AV3      | +0.00 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.34  | 121   | P2    | TWD   | 12    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.52  | 120   | P2    | TWD   | 17    | AV7      | +0.00 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.21  | 132   | P2    | TWD   | 8     | AV8      | +0.00 | TEH   | TEC   | LAR   |       |       | 37    |       | COLD  | 610UL |
| 135   | 84    | 0.46  | 114   | P2    | TWD   | 15    | AV2      | +0.00 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.47  | 127   | P2    | TWD   | 15    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
| 135   | 88    | 0.22  | 127   | P2    | TWD   | 8     | AV3      | +0.00 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.17  | 136   | P2    | TWD   | 7     | AV5      | +0.04 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.17  | 107   | P2    | TWD   | 7     | AV6      | +0.02 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.20  | 136   | P2    | TWD   | 8     | AV7      | +0.00 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
| 135   | 90    | 0.50  | 121   | P2    | TWD   | 16    | AV2      | -0.02 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.15  | 99    | P2    | TWD   | 6     | AV5      | +0.15 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.30  | 136   | P2    | TWD   | 11    | AV6      | +0.07 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.35  | 138   | P2    | TWD   | 12    | AV7      | +0.07 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
| 135   | 92    | 0.33  | 133   | P2    | TWD   | 12    | AV2      | -0.22 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.23  | 129   | P2    | TWD   | 9     | AV3      | -0.07 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.40  | 128   | P2    | TWD   | 14    | AV5      | +0.02 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.26  | 135   | P2    | TWD   | 10    | AV7      | +0.09 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
| 136   | 83    | 0.12  | 121   | P2    | TWD   | 6     | AV3      | -0.04 | TEH   | TEC   |       |       |       | 38    |       | COLD  | 610UL |
| 136   | 85    | 0.15  | 110   | P2    | TWD   | 7     | AV2      | +0.00 | TEH   | TEC   |       |       |       | 38    |       | COLD  | 610UL |
|       |       | 0.12  | 94    | P2    | TWD   | 6     | AV7      | +0.02 | TEH   | TEC   |       |       |       | 38    |       | COLD  | 610UL |
| 136   | 91    | 0.22  | 123   | P2    | TWD   | 9     | AV6      | +0.11 | TEH   | TEC   |       |       |       | 38    |       | COLD  | 610UL |
|       |       | 0.18  | 116   | P2    | TWD   | 8     | AV3      | +0.04 | TEH   | TEC   |       |       |       | 38    |       | COLD  | 610UL |
|       |       | 0.36  | 118   | P2    | TWD   | 14    | AV2      | -0.07 | TEH   | TEC   |       |       |       | 38    |       | COLD  | 610UL |
| 136   | 93    | 0.20  | 113   | P2    | TWD   | 8     | AV3      | +0.02 | TEH   | TEC   |       |       |       | 38    |       | COLD  | 610UL |
|       |       | 0.26  | 102   | P2    | TWD   | 11    | AV6      | +0.09 | TEH   | TEC   |       |       |       | 38    |       | COLD  | 610UL |
|       |       | 0.14  | 116   | P2    | TWD   | 6     | AV7      | +0.07 | TEH   | TEC   |       |       |       | 38    |       | COLD  | 610UL |
| 137   | 82    | 0.33  | 126   | P2    | TWD   | 12    | AV6      | +0.00 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.43  | 125   | P2    | TWD   | 14    | AV7      | +0.00 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.16  | 121   | P2    | TWD   | 6     | AV5      | +0.00 | TEH   | TEC   | LAR   |       |       | 37    |       | COLD  | 610UL |
| 137   | 84    | 0.29  | 136   | P2    | TWD   | 11    | AV5      | +0.00 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.17  | 134   | P2    | TWD   | 7     | AV6      | +0.00 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |
|       |       | 0.48  | 129   | P2    | TWD   | 16    | AV7      | +0.00 | TEH   | TEC   |       |       |       | 37    |       | COLD  | 610UL |

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**SG 2A Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 137 | 88  | 0.24  | 119 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 37    | COLD | 610UL |
|     |     | 0.18  | 133 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    | LAR    | 37    | COLD | 610UL |
| 137 | 90  | 0.34  | 104 | P2  | TWD | 12  | AV2      | -0.28 | TEH | TEC    |        | 37    | COLD | 610UL |
|     |     | 0.40  | 125 | P2  | TWD | 14  | AV4      | +0.00 | TEH | TEC    |        | 37    | COLD | 610UL |
|     |     | 0.53  | 128 | P2  | TWD | 17  | AV7      | +0.00 | TEH | TEC    |        | 37    | COLD | 610UL |
|     |     | 0.25  | 122 | P2  | TWD | 9   | AV8      | +0.00 | TEH | TEC    |        | 37    | COLD | 610UL |
|     |     | 0.11  | 149 | P2  | TWD | 5   | AV5      | +0.20 | TEH | TEC    | LAR    | 37    | COLD | 610UL |
| 137 | 92  | 0.40  | 106 | P2  | TWD | 14  | AV2      | -0.35 | TEH | TEC    |        | 37    | COLD | 610UL |
| 138 | 91  | 0.50  | 127 | P2  | TWD | 16  | AV2      | -0.07 | TEH | TEC    |        | 37    | COLD | 610UL |
|     |     | 0.18  | 137 | P2  | TWD | 7   | AV3      | -0.02 | TEH | TEC    |        | 37    | COLD | 610UL |
|     |     | 0.23  | 132 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 37    | COLD | 610UL |
|     |     | 0.16  | 141 | P2  | TWD | 6   | AV5      | +0.07 | TEH | TEC    |        | 37    | COLD | 610UL |

Total Tubes : 1231

Total Records: 3549

| <b>SG 2B Indication Listings</b>                  |                 |
|---------------------------------------------------|-----------------|
| <b>Listing Description</b>                        | <b>Page No.</b> |
| Tubes Plugged Listing                             | 2               |
| Bobbin WEAR at AVB locations 20-100%TWD           | 3               |
| Bobbin WEAR at Broached Supports 20-100% TWD      | 3               |
| Bobbin WEAR at Broached Supports 1-19% TWD        | 3               |
| WEAR (WAR) sized by +Point™ probe 1-100%          | 4               |
| SG 2B Wear Indications 1-19% TWD at AVB locations | 6               |

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**St. Lucie Unit 2 (SL2-18)**  
**SG 2B Tubes Plugged Listing**

| ROW  | COL  | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL  | 1     | UTIL  | 2     | CAL#  | LEG   | PROBE |
|------|------|-------|-----|-----|-----|-----|----------|-------|-----|-------|-------|-------|-------|-------|-------|-------|
| ==== | ==== | ===== | ==  | ==  | ==  | ==  | =====    | ==    | ==  | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| 80   | 17   | 0.57  | 115 | P2  | TWD | 19  | AV3      | +1.00 | TEH | TEC   | LOCOK |       |       | 60    | COLD  | 610UL |
|      |      | 0.62  | 119 | P2  | TWD | 20  | AV4      | +0.98 | TEH | TEC   | LOCOK |       |       | 60    | COLD  | 610UL |
| 101  | 84   | 0.16  | 74  | P2  | TWD | 7   | AV1      | +0.04 | TEH | TEC   |       |       |       | 2     | COLD  | 610UL |
|      |      | 0.59  | 113 | P2  | TWD | 20  | AV2      | +0.44 | TEH | TEC   |       |       |       | 2     | COLD  | 610UL |
|      |      | 1.07  | 101 | P2  | TWD | 27  | AV3      | +0.13 | TEH | TEC   |       |       |       | 2     | COLD  | 610UL |
|      |      | 0.52  | 106 | P2  | TWD | 18  | AV4      | +0.37 | TEH | TEC   |       |       |       | 2     | COLD  | 610UL |
|      |      | 0.19  | 118 | P2  | TWD | 8   | AV5      | +0.09 | TEH | TEC   |       |       |       | 2     | COLD  | 610UL |
|      |      | 0.39  | 106 | P2  | TWD | 15  | AV6      | -0.26 | TEH | TEC   |       |       |       | 2     | COLD  | 610UL |
|      |      | 0.48  | 110 | P2  | TWD | 17  | AV7      | -0.07 | TEH | TEC   |       |       |       | 2     | COLD  | 610UL |
|      |      | 0.28  | 113 | P2  | TWD | 12  | AV8      | -0.02 | TEH | TEC   |       |       |       | 2     | COLD  | 610UL |
| 107  | 86   | 0.33  | 104 | P2  | TWD | 12  | AV2      | +0.07 | TEH | TEC   |       |       |       | 5     | COLD  | 610UL |
|      |      | 1.02  | 108 | P2  | TWD | 25  | AV4      | +0.02 | TEH | TEC   |       |       |       | 5     | COLD  | 610UL |
|      |      | 0.39  | 109 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC   |       |       |       | 5     | COLD  | 610UL |
|      |      | 0.49  | 106 | P2  | TWD | 16  | AV6      | +0.02 | TEH | TEC   |       |       |       | 5     | COLD  | 610UL |
|      |      | 0.60  | 103 | P2  | TWD | 18  | AV7      | +0.04 | TEH | TEC   |       |       |       | 5     | COLD  | 610UL |
| 119  | 86   | 0.38  | 120 | P2  | TWD | 13  | AV1      | +0.00 | TEH | TEC   |       |       |       | 6     | COLD  | 610UL |
|      |      | 0.45  | 116 | P2  | TWD | 15  | AV2      | +0.00 | TEH | TEC   |       |       |       | 6     | COLD  | 610UL |
|      |      | 0.98  | 108 | P2  | TWD | 25  | AV3      | +0.00 | TEH | TEC   |       |       |       | 6     | COLD  | 610UL |
|      |      | 0.58  | 111 | P2  | TWD | 18  | AV4      | +0.00 | TEH | TEC   |       |       |       | 6     | COLD  | 610UL |
|      |      | 1.21  | 112 | P2  | TWD | 28  | AV5      | +0.00 | TEH | TEC   |       |       |       | 6     | COLD  | 610UL |
|      |      | 0.24  | 98  | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC   |       |       |       | 6     | COLD  | 610UL |
|      |      | 0.37  | 123 | P2  | TWD | 13  | AV7      | +0.00 | TEH | TEC   |       |       |       | 6     | COLD  | 610UL |
|      |      | 0.17  | 81  | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC   |       |       |       | 6     | COLD  | 610UL |
| 126  | 85   | 0.39  | 121 | P2  | TWD | 14  | AV4      | +0.04 | TEH | TEC   |       |       |       | 1     | COLD  | 610UL |
|      |      | 1.11  | 118 | P2  | TWD | 27  | AV5      | +0.13 | TEH | TEC   |       |       |       | 1     | COLD  | 610UL |
|      |      | 0.35  | 129 | P2  | TWD | 13  | AV7      | +0.07 | TEH | TEC   |       |       |       | 1     | COLD  | 610UL |
|      |      | 0.26  | 136 | P2  | TWD | 10  | AV3      | -0.11 | TEH | TEC   |       |       |       | 1     | COLD  | 610UL |
| 134  | 67   | 0.38  | 103 | P2  | TWD | 13  | AV4      | -0.28 | TEH | TEC   |       |       |       | 80    | COLD  | 610UL |
|      |      | 1.24  | 111 | P2  | TWD | 27  | AV5      | +0.00 | TEH | TEC   |       |       |       | 80    | COLD  | 610UL |
|      |      | 0.27  | 102 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC   |       |       |       | 80    | COLD  | 610UL |
|      |      | 0.23  | 111 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC   |       |       |       | 80    | COLD  | 610UL |
|      |      | 0.19  | 114 | P2  | TWD | 7   | AV3      | +0.11 | TEH | TEC   |       |       |       | 80    | COLD  | 610UL |

Total Tubes : 6  
Total Records: 32

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**St. Lucie Unit 2 SG 2B (SL2-18)**

**Bobbin WEAR at AVB locations 20-100%TWD**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 80  | 17  | 0.62  | 119 | P2  | TWD | 20  | AV4      | +0.98 | TEH | TEC    | LOCOK  | 60    | COLD | 610UL |
| 96  | 85  | 0.78  | 106 | P2  | TWD | 23  | AV3      | -0.09 | TEH | TEC    |        | 2     | COLD | 610UL |
| 98  | 85  | 0.69  | 121 | P2  | TWD | 21  | AV7      | +0.04 | TEH | TEC    |        | 1     | COLD | 610UL |
| 101 | 84  | 0.59  | 113 | P2  | TWD | 20  | AV2      | +0.44 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 1.07  | 101 | P2  | TWD | 27  | AV3      | +0.13 | TEH | TEC    |        | 2     | COLD | 610UL |
| 104 | 85  | 0.68  | 106 | P2  | TWD | 21  | AV3      | +0.09 | TEH | TEC    |        | 2     | COLD | 610UL |
| 105 | 84  | 0.76  | 104 | P2  | TWD | 23  | AV6      | +0.11 | TEH | TEC    |        | 2     | COLD | 610UL |
| 107 | 84  | 0.63  | 116 | P2  | TWD | 20  | AV6      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
| 107 | 86  | 1.02  | 108 | P2  | TWD | 25  | AV4      | +0.02 | TEH | TEC    |        | 5     | COLD | 610UL |
| 109 | 84  | 0.79  | 110 | P2  | TWD | 23  | AV5      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 110 | 95  | 0.98  | 113 | P2  | TWD | 24  | AV4      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 112 | 85  | 0.75  | 114 | P2  | TWD | 23  | AV2      | +0.09 | TEH | TEC    |        | 2     | COLD | 610UL |
| 114 | 85  | 0.71  | 119 | P2  | TWD | 21  | AV3      | +0.09 | TEH | TEC    |        | 1     | COLD | 610UL |
| 115 | 86  | 0.69  | 108 | P2  | TWD | 20  | AV6      | +0.11 | TEH | TEC    |        | 5     | COLD | 610UL |
| 116 | 85  | 0.78  | 119 | P2  | TWD | 24  | AV2      | +0.04 | TEH | TEC    |        | 2     | COLD | 610UL |
| 117 | 86  | 0.89  | 112 | P2  | TWD | 23  | AV5      | +0.22 | TEH | TEC    |        | 5     | COLD | 610UL |
| 118 | 83  | 0.69  | 114 | P2  | TWD | 21  | AV5      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
| 119 | 86  | 0.98  | 108 | P2  | TWD | 25  | AV3      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 1.21  | 112 | P2  | TWD | 28  | AV5      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
| 120 | 85  | 0.72  | 116 | P2  | TWD | 23  | AV3      | +0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
| 121 | 86  | 0.76  | 110 | P2  | TWD | 21  | AV4      | -0.07 | TEH | TEC    |        | 5     | COLD | 610UL |
| 122 | 85  | 0.63  | 125 | P2  | TWD | 20  | AV5      | +0.09 | TEH | TEC    |        | 1     | COLD | 610UL |
| 123 | 84  | 0.58  | 126 | P2  | TWD | 20  | AV4      | +0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
| 125 | 86  | 0.80  | 106 | P2  | TWD | 22  | AV3      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
| 126 | 85  | 1.11  | 118 | P2  | TWD | 27  | AV5      | +0.13 | TEH | TEC    |        | 1     | COLD | 610UL |
| 127 | 86  | 0.84  | 115 | P2  | TWD | 23  | AV5      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
| 134 | 67  | 1.24  | 111 | P2  | TWD | 27  | AV5      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
| 134 | 85  | 0.87  | 108 | P2  | TWD | 23  | AV3      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |

Total Tubes : 26

Total Records: 28

**St. Lucie Unit 2 SG 2B (SL2-18)**

**Bobbin WEAR at Broached Supports 20-100% TWD**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-----|-----|--------|--------|-------|-----|-------|
|     |     |       |     |     |     |     |          |     |     |        |        |       |     |       |

Total Tubes : 0

(None)

Total Records: 0

**St. Lucie Unit 2 SG 2B (SL2-18)**

**Bobbin WEAR at Broached Supports 1-19% TWD**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 42  | 7   | 0.12  | 142 | P3  | TWD | 7   | 04C      | -0.73 | TEH | TEC    |        | 82    | COLD | 610UL |
| 44  | 7   | 0.20  | 153 | P3  | TWD | 11  | 04C      | -0.70 | TEH | TEC    |        | 52    | COLD | 610UL |
| 124 | 51  | 0.10  | 144 | P3  | TWD | 6   | 06C      | -0.75 | TEH | TEC    |        | 21    | COLD | 610UL |

Total Tubes : 3

Total Records: 3

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**St. Lucie Unit 2 SG 2B (SL2-18)**

**WEAR (WAR) sized by +Point™ probe 1-100% (TWD located in UTIL 1 column)**  
**(Confirmed as two sided wear & reported as DSI by Bobbin probe)**

| ROW | COL | VOLTS | DEG | CHN | IND | WTW | LOCATION | EXT   | EXT | UTIL | 1   | UTIL    | 2   | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|-----|---------|-----|-----|---|------|-------|
| 95  | 86  | 0.10  | 92  | P5  | WAR |     | AV3      | -0.02 | AV3 | AV3  | 4   | 96910.1 | 13  |     |   | HOT  | 5601P |
|     |     | 0.51  | 93  | P5  | WAR |     | AV3      | +0.02 | AV3 | AV3  | 19  | 96910.1 | 13  |     |   | HOT  | 5601P |
|     |     | 0.69  | 109 | P2  | DSI |     | AV3      | +0.11 | TEH | TEC  | LAR | 20      |     | 5   |   | COLD | 610UL |
| 96  | 85  | 0.61  | 90  | P5  | WAR |     | AV2      | -0.10 | AV2 | AV2  | 22  | 96910.1 | 13  |     |   | HOT  | 5601P |
|     |     | 0.06  | 80  | P5  | WAR |     | AV2      | -0.01 | AV2 | AV2  | 3   | 96910.1 | 13  |     |   | HOT  | 5601P |
|     |     | 0.69  | 106 | P2  | DSI |     | AV2      | +0.00 | TEH | TEC  | LAR | 22      |     | 2   |   | COLD | 610UL |
|     |     | 0.16  | 89  | P5  | WAR |     | AV7      | -0.08 | AV7 | AV7  | 7   | 96910.1 | 106 |     |   | COLD | 5601P |
|     |     | 0.76  | 107 | P2  | DSI |     | AV7      | +0.02 | TEH | TEC  | LAR | 23      |     | 2   |   | COLD | 610UL |
|     |     | 0.51  | 87  | P5  | WAR |     | AV7      | +0.05 | AV7 | AV7  | 20  | 96910.1 | 106 |     |   | COLD | 5601P |
| 97  | 86  | 0.69  | 117 | P2  | DSI |     | AV3      | +0.00 | TEH | TEC  | LAR | 20      |     | 6   |   | COLD | 610UL |
|     |     | 0.33  | 98  | P5  | WAR |     | AV3      | +0.03 | AV3 | AV3  | 13  | 96910.1 | 13  |     |   | HOT  | 5601P |
|     |     | 0.45  | 92  | P5  | WAR |     | AV3      | +0.09 | AV3 | AV3  | 17  | 96910.1 | 13  |     |   | HOT  | 5601P |
|     |     | 0.30  | 86  | P5  | WAR |     | AV7      | -0.04 | AV7 | AV7  | 13  | 96910.1 | 106 |     |   | COLD | 5601P |
|     |     | 0.67  | 119 | P2  | DSI |     | AV7      | +0.00 | TEH | TEC  | LAR | 20      |     | 6   |   | COLD | 610UL |
|     |     | 0.35  | 90  | P5  | WAR |     | AV7      | +0.03 | AV7 | AV7  | 15  | 96910.1 | 106 |     |   | COLD | 5601P |
| 99  | 86  | 0.49  | 94  | P5  | WAR |     | AV2      | -0.10 | AV2 | AV2  | 19  | 96910.1 | 13  |     |   | HOT  | 5601P |
|     |     | 0.73  | 112 | P2  | DSI |     | AV2      | -0.09 | TEH | TEC  | LAR | 20      |     | 5   |   | COLD | 610UL |
|     |     | 0.30  | 92  | P5  | WAR |     | AV2      | -0.06 | AV2 | AV2  | 12  | 96910.1 | 13  |     |   | HOT  | 5601P |
|     |     | 0.36  | 95  | P5  | WAR |     | AV3      | -0.10 | AV3 | AV3  | 20  | 96910.1 | 18  |     |   | HOT  | 5601P |
|     |     | 0.23  | 98  | P5  | WAR |     | AV3      | -0.07 | AV3 | AV3  | 14  | 96910.1 | 18  |     |   | HOT  | 5601P |
|     |     | 0.87  | 118 | P2  | DSI |     | AV3      | +0.20 | TEH | TEC  | LAR | 23      |     | 5   |   | COLD | 610UL |
|     |     | 0.41  | 86  | P5  | WAR |     | AV7      | -0.05 | AV7 | AV7  | 17  | 96910.1 | 106 |     |   | COLD | 5601P |
|     |     | 0.31  | 88  | P5  | WAR |     | AV7      | +0.07 | AV7 | AV7  | 14  | 96910.1 | 106 |     |   | COLD | 5601P |
|     |     | 0.83  | 110 | P2  | DSI |     | AV7      | +0.11 | TEH | TEC  | LAR | 22      |     | 5   |   | COLD | 610UL |
| 100 | 83  | 0.64  | 115 | P2  | DSI |     | AV5      | +0.00 | TEH | TEC  | LAR | 21      |     | 2   |   | COLD | 610UL |
|     |     | 0.33  | 92  | P5  | WAR |     | AV5      | +0.07 | AV5 | AV5  | 14  | 96910.1 | 106 |     |   | COLD | 5601P |
|     |     | 0.36  | 88  | P5  | WAR |     | AV5      | +0.27 | AV5 | AV5  | 16  | 96910.1 | 106 |     |   | COLD | 5601P |
| 106 | 85  | 0.32  | 93  | P5  | WAR |     | AV7      | -0.13 | AV7 | AV7  | 13  | 96910.1 | 13  |     |   | HOT  | 5601P |
|     |     | 0.44  | 94  | P5  | WAR |     | AV7      | -0.09 | AV7 | AV7  | 17  | 96910.1 | 13  |     |   | HOT  | 5601P |
|     |     | 0.67  | 125 | P2  | DSI |     | AV7      | +0.02 | TEH | TEC  | LAR | 21      |     | 1   |   | COLD | 610UL |
| 108 | 85  | 0.59  | 90  | P5  | WAR |     | AV2      | +0.04 | AV2 | AV2  | 22  | 96910.1 | 13  |     |   | HOT  | 5601P |
|     |     | 0.67  | 119 | P2  | DSI |     | AV2      | +0.07 | TEH | TEC  | LAR | 22      |     | 2   |   | COLD | 610UL |
|     |     | 0.12  | 94  | P5  | WAR |     | AV2      | +0.10 | AV2 | AV2  | 5   | 96910.1 | 13  |     |   | HOT  | 5601P |
| 112 | 83  | 0.24  | 95  | P5  | WAR |     | AV4      | -0.03 | AV4 | AV4  | 14  | 96910.1 | 18  |     |   | HOT  | 5601P |
|     |     | 0.40  | 90  | P5  | WAR |     | AV4      | +0.00 | AV4 | AV4  | 21  | 96910.1 | 18  |     |   | HOT  | 5601P |
|     |     | 0.82  | 116 | P2  | DSI |     | AV4      | +0.00 | TEH | TEC  | LAR | 24      |     | 2   |   | COLD | 610UL |
|     |     | 0.46  | 86  | P5  | WAR |     | AV5      | -0.22 | AV5 | AV5  | 19  | 96910.1 | 106 |     |   | COLD | 5601P |
|     |     | 0.27  | 88  | P5  | WAR |     | AV5      | -0.05 | AV5 | AV5  | 12  | 96910.1 | 106 |     |   | COLD | 5601P |
|     |     | 0.70  | 118 | P2  | DSI |     | AV5      | +0.00 | TEH | TEC  | LAR | 22      |     | 2   |   | COLD | 610UL |
| 120 | 85  | 0.13  | 91  | P5  | WAR |     | AV7      | -0.08 | AV7 | AV7  | 7   | 96910.1 | 106 |     |   | COLD | 5601P |
|     |     | 0.70  | 122 | P2  | DSI |     | AV7      | +0.00 | TEH | TEC  | LAR | 22      |     | 2   |   | COLD | 610UL |
|     |     | 0.53  | 84  | P5  | WAR |     | AV7      | +0.03 | AV7 | AV7  | 21  | 96910.1 | 106 |     |   | COLD | 5601P |
| 121 | 86  | 0.26  | 87  | P5  | WAR |     | AV6      | -0.20 | AV6 | AV6  | 12  | 96910.1 | 106 |     |   | COLD | 5601P |
|     |     | 0.85  | 113 | P2  | DSI |     | AV6      | +0.02 | TEH | TEC  | LAR | 22      |     | 5   |   | COLD | 610UL |
|     |     | 0.54  | 81  | P5  | WAR |     | AV6      | +0.16 | AV6 | AV6  | 21  | 96910.1 | 106 |     |   | COLD | 5601P |

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**WEAR (WAR) sized by +Point™ probe 1-100% (TWD located in UTIL 1 column) (continued)**  
**(Confirmed as two sided wear & reported as DSI by Bobbin probe)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION  | EXT | EXT | UTIL 1 | UTIL 2  | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|-----------|-----|-----|--------|---------|-------|------|-------|
| 124 | 85  | 0.39  | 93  | P5  | WAR |     | AV6 -0.13 | AV6 | AV6 | 15     | 96910.1 | 13    | HOT  | 5601P |
|     |     | 0.31  | 93  | P5  | WAR |     | AV6 -0.06 | AV6 | AV6 | 12     | 96910.1 | 13    | HOT  | 5601P |
|     |     | 0.59  | 125 | P2  | DSI |     | AV6 +0.02 | TEH | TEC | LAR    | 20      | 2     | COLD | 610UL |
|     |     | 0.39  | 89  | P5  | WAR |     | AV7 -0.15 | AV7 | AV7 | 17     | 96910.1 | 106   | COLD | 5601P |
|     |     | 0.35  | 90  | P5  | WAR |     | AV7 -0.01 | AV7 | AV7 | 15     | 96910.1 | 106   | COLD | 5601P |
|     |     | 0.72  | 125 | P2  | DSI |     | AV7 +0.00 | TEH | TEC | LAR    | 23      | 2     | COLD | 610UL |

Total Tubes : 11  
Total Records: 51

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**St. Lucie Unit 2 (SL2-18)**  
**SG 2B Wear Indications 1-19% TWD at AVB locations**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 37  | 6   | 0.14  | 92  | P2  | TWD | 6   | AV7      | -0.22 | TEH | TEC  |   |      |   | 52  |   | COLD | 610UL |
| 38  | 163 | 0.14  | 118 | P2  | TWD | 6   | AV2      | -0.18 | TEH | TEC  |   |      |   | 68  |   | COLD | 610UL |
|     |     | 0.13  | 59  | P2  | TWD | 5   | AV7      | +0.28 | TEH | TEC  |   |      |   | 68  |   | COLD | 610UL |
| 39  | 6   | 0.11  | 40  | P2  | TWD | 4   | AV2      | -0.15 | TEH | TEC  |   |      |   | 52  |   | COLD | 610UL |
|     |     | 0.10  | 31  | P2  | TWD | 4   | AV7      | -0.09 | TEH | TEC  |   |      |   | 52  |   | COLD | 610UL |
| 39  | 164 | 0.26  | 114 | P2  | TWD | 10  | AV2      | -0.18 | TEH | TEC  |   |      |   | 68  |   | COLD | 610UL |
|     |     | 0.16  | 114 | P2  | TWD | 6   | AV7      | +0.31 | TEH | TEC  |   |      |   | 68  |   | COLD | 610UL |
|     |     | 0.11  | 50  | P2  | TWD | 5   | AV8      | +0.29 | TEH | TEC  |   |      |   | 68  |   | COLD | 610UL |
| 40  | 163 | 0.11  | 117 | P2  | TWD | 5   | AV2      | -0.24 | TEH | TEC  |   |      |   | 69  |   | COLD | 610UL |
|     |     | 0.13  | 138 | P2  | TWD | 5   | AV7      | +0.31 | TEH | TEC  |   |      |   | 69  |   | COLD | 610UL |
| 41  | 164 | 0.13  | 119 | P2  | TWD | 5   | AV7      | -0.27 | TEH | TEC  |   |      |   | 69  |   | COLD | 610UL |
| 44  | 7   | 0.21  | 112 | P2  | TWD | 8   | AV3      | -0.19 | TEH | TEC  |   |      |   | 52  |   | COLD | 610UL |
| 44  | 163 | 0.21  | 130 | P2  | TWD | 8   | AV2      | -0.24 | TEH | TEC  |   |      |   | 69  |   | COLD | 610UL |
|     |     | 0.18  | 129 | P2  | TWD | 7   | AV3      | -0.22 | TEH | TEC  |   |      |   | 69  |   | COLD | 610UL |
|     |     | 0.21  | 136 | P2  | TWD | 8   | AV6      | +0.29 | TEH | TEC  |   |      |   | 69  |   | COLD | 610UL |
| 45  | 162 | 0.15  | 61  | P2  | TWD | 6   | AV8      | -0.20 | TEH | TEC  |   |      |   | 68  |   | COLD | 610UL |
|     |     | 0.13  | 78  | P2  | TWD | 5   | AV1      | +0.24 | TEH | TEC  |   |      |   | 68  |   | COLD | 610UL |
| 46  | 7   | 0.16  | 72  | P2  | TWD | 6   | AV7      | +0.26 | TEH | TEC  |   |      |   | 52  |   | COLD | 610UL |
|     |     | 0.14  | 114 | P2  | TWD | 5   | AV3      | -0.20 | TEH | TEC  |   |      |   | 52  |   | COLD | 610UL |
| 46  | 9   | 0.10  | 128 | P2  | TWD | 5   | AV6      | +0.24 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
|     |     | 0.10  | 97  | P2  | TWD | 5   | AV3      | -0.17 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
| 46  | 11  | 0.10  | 123 | P2  | TWD | 5   | AV3      | -0.15 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
| 46  | 161 | 0.12  | 117 | P2  | TWD | 5   | AV6      | +0.26 | TEH | TEC  |   |      |   | 68  |   | COLD | 610UL |
|     |     | 0.14  | 107 | P2  | TWD | 6   | AV2      | -0.18 | TEH | TEC  |   |      |   | 68  |   | COLD | 610UL |
| 47  | 8   | 0.15  | 121 | P2  | TWD | 7   | AV6      | +0.22 | TEH | TEC  |   |      |   | 61  |   | COLD | 610UL |
|     |     | 0.11  | 107 | P2  | TWD | 5   | AV2      | -0.15 | TEH | TEC  |   |      |   | 61  |   | COLD | 610UL |
| 47  | 10  | 0.19  | 118 | P2  | TWD | 8   | AV3      | +0.30 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
| 47  | 12  | 0.14  | 90  | P2  | TWD | 6   | AV3      | -0.15 | TEH | TEC  |   |      |   | 61  |   | COLD | 610UL |
| 47  | 24  | 0.11  | 95  | P2  | TWD | 5   | AV3      | +0.28 | TEH | TEC  |   |      |   | 66  |   | COLD | 610UL |
| 47  | 162 | 0.16  | 136 | P2  | TWD | 7   | AV3      | -0.18 | TEH | TEC  |   |      |   | 69  |   | COLD | 610UL |
|     |     | 0.13  | 100 | P2  | TWD | 5   | AV6      | +0.31 | TEH | TEC  |   |      |   | 69  |   | COLD | 610UL |
| 48  | 7   | 0.23  | 98  | P2  | TWD | 9   | AV3      | -0.17 | TEH | TEC  |   |      |   | 52  |   | COLD | 610UL |
| 48  | 9   | 0.23  | 104 | P2  | TWD | 10  | AV2      | -0.13 | TEH | TEC  |   |      |   | 61  |   | COLD | 610UL |
|     |     | 0.10  | 128 | P2  | TWD | 5   | AV6      | +0.22 | TEH | TEC  |   |      |   | 61  |   | COLD | 610UL |
| 48  | 11  | 0.14  | 125 | P2  | TWD | 6   | AV3      | -0.13 | TEH | TEC  |   |      |   | 61  |   | COLD | 610UL |
| 48  | 163 | 0.21  | 119 | P2  | TWD | 8   | AV2      | -0.22 | TEH | TEC  |   |      |   | 69  |   | COLD | 610UL |
| 49  | 8   | 0.12  | 122 | P2  | TWD | 6   | AV7      | +0.24 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
|     |     | 0.11  | 134 | P2  | TWD | 5   | AV6      | +0.24 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
| 49  | 10  | 0.26  | 108 | P2  | TWD | 11  | AV3      | +0.24 | TEH | TEC  |   |      |   | 61  |   | COLD | 610UL |
| 49  | 12  | 0.14  | 107 | P2  | TWD | 7   | AV3      | -0.15 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
|     |     | 0.08  | 69  | P2  | TWD | 4   | AV2      | -0.15 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
| 49  | 24  | 0.16  | 82  | P2  | TWD | 7   | AV3      | +0.32 | TEH | TEC  |   |      |   | 67  |   | COLD | 610UL |
| 49  | 158 | 0.12  | 101 | P2  | TWD | 5   | AV6      | +0.24 | TEH | TEC  |   |      |   | 69  |   | COLD | 610UL |
|     |     | 0.14  | 130 | P2  | TWD | 6   | AV7      | +0.24 | TEH | TEC  |   |      |   | 69  |   | COLD | 610UL |
| 49  | 160 | 0.17  | 107 | P2  | TWD | 7   | AV7      | +0.20 | TEH | TEC  |   |      |   | 68  |   | COLD | 610UL |
| 49  | 162 | 0.11  | 135 | P2  | TWD | 5   | AV3      | -0.20 | TEH | TEC  |   |      |   | 68  |   | COLD | 610UL |
| 50  | 7   | 0.15  | 112 | P2  | TWD | 6   | AV3      | -0.17 | TEH | TEC  |   |      |   | 52  |   | COLD | 610UL |
| 50  | 9   | 0.11  | 124 | P2  | TWD | 5   | AV7      | +0.26 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
|     |     | 0.08  | 65  | P2  | TWD | 4   | AV1      | +0.22 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
| 50  | 11  | 0.11  | 60  | P2  | TWD | 5   | AV1      | -0.18 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
|     |     | 0.13  | 128 | P2  | TWD | 6   | AV3      | -0.17 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
|     |     | 0.10  | 82  | P2  | TWD | 5   | AV7      | +0.24 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
| 50  | 161 | 0.20  | 117 | P2  | TWD | 7   | AV6      | +0.29 | TEH | TEC  |   |      |   | 68  |   | COLD | 610UL |
| 51  | 8   | 0.16  | 131 | P2  | TWD | 7   | AV6      | +0.28 | TEH | TEC  |   |      |   | 61  |   | COLD | 610UL |
|     |     | 0.22  | 121 | P2  | TWD | 10  | AV3      | -0.11 | TEH | TEC  |   |      |   | 61  |   | COLD | 610UL |
| 51  | 10  | 0.10  | 85  | P2  | TWD | 5   | AV8      | -0.13 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
|     |     | 0.11  | 127 | P2  | TWD | 5   | AV3      | -0.15 | TEH | TEC  |   |      |   | 60  |   | COLD | 610UL |
| 51  | 14  | 0.20  | 106 | P2  | TWD | 9   | AV2      | -0.17 | TEH | TEC  |   |      |   | 61  |   | COLD | 610UL |
| 51  | 24  | 0.21  | 121 | P2  | TWD | 9   | AV3      | +0.30 | TEH | TEC  |   |      |   | 66  |   | COLD | 610UL |
| 51  | 162 | 0.16  | 98  | P2  | TWD | 6   | AV2      | -0.13 | TEH | TEC  |   |      |   | 69  |   | COLD | 610UL |
|     |     | 0.22  | 120 | P2  | TWD | 9   | AV3      | -0.09 | TEH | TEC  |   |      |   | 69  |   | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 52  | 9   | 0.14  | 88  | P2  | TWD | 7   | AV2      | -0.15 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.16  | 98  | P2  | TWD | 7   | AV7      | +0.24 | TEH | TEC    |        | 61    | COLD | 610UL |
| 52  | 11  | 0.11  | 136 | P2  | TWD | 5   | AV7      | +0.22 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.13  | 100 | P2  | TWD | 6   | AV6      | +0.26 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.14  | 113 | P2  | TWD | 6   | AV3      | -0.19 | TEH | TEC    |        | 60    | COLD | 610UL |
| 52  | 13  | 0.08  | 133 | P2  | TWD | 4   | AV7      | +0.26 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.13  | 111 | P2  | TWD | 6   | AV3      | +0.28 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.15  | 97  | P2  | TWD | 7   | AV2      | -0.17 | TEH | TEC    |        | 60    | COLD | 610UL |
| 52  | 17  | 0.10  | 121 | P2  | TWD | 5   | AV3      | -0.20 | TEH | TEC    |        | 60    | COLD | 610UL |
| 52  | 23  | 0.21  | 123 | P2  | TWD | 9   | AV3      | -0.11 | TEH | TEC    |        | 67    | COLD | 610UL |
| 52  | 161 | 0.18  | 127 | P2  | TWD | 7   | AV6      | +0.27 | TEH | TEC    |        | 69    | COLD | 610UL |
| 53  | 8   | 0.09  | 99  | P2  | TWD | 4   | AV7      | +0.30 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.10  | 126 | P2  | TWD | 5   | AV3      | -0.15 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.08  | 100 | P2  | TWD | 4   | AV2      | -0.15 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.09  | 58  | P2  | TWD | 4   | AV1      | -0.13 | TEH | TEC    |        | 60    | COLD | 610UL |
| 53  | 10  | 0.18  | 111 | P2  | TWD | 8   | AV2      | -0.20 | TEH | TEC    |        | 61    | COLD | 610UL |
| 53  | 24  | 0.28  | 88  | P2  | TWD | 12  | AV3      | +0.41 | TEH | TEC    |        | 67    | COLD | 610UL |
| 53  | 158 | 0.18  | 142 | P2  | TWD | 7   | AV3      | -0.16 | TEH | TEC    |        | 69    | COLD | 610UL |
|     |     | 0.13  | 116 | P2  | TWD | 5   | AV6      | +0.27 | TEH | TEC    |        | 69    | COLD | 610UL |
|     |     | 0.16  | 125 | P2  | TWD | 7   | AV7      | +0.24 | TEH | TEC    |        | 69    | COLD | 610UL |
| 53  | 160 | 0.15  | 96  | P2  | TWD | 6   | AV7      | +0.24 | TEH | TEC    |        | 68    | COLD | 610UL |
|     |     | 0.11  | 102 | P2  | TWD | 5   | AV3      | -0.13 | TEH | TEC    |        | 68    | COLD | 610UL |
|     |     | 0.16  | 130 | P2  | TWD | 6   | AV2      | -0.15 | TEH | TEC    |        | 68    | COLD | 610UL |
| 53  | 162 | 0.23  | 126 | P2  | TWD | 9   | AV3      | -0.17 | TEH | TEC    |        | 68    | COLD | 610UL |
|     |     | 0.13  | 128 | P2  | TWD | 5   | AV6      | +0.26 | TEH | TEC    |        | 68    | COLD | 610UL |
| 54  | 9   | 0.10  | 85  | P2  | TWD | 5   | AV8      | +0.19 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.34  | 118 | P2  | TWD | 13  | AV7      | +0.26 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.17  | 121 | P2  | TWD | 8   | AV3      | -0.15 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.19  | 91  | P2  | TWD | 8   | AV2      | -0.15 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.13  | 108 | P2  | TWD | 6   | AV1      | -0.11 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.09  | 67  | P2  | TWD | 4   | AV6      | -0.09 | TEH | TEC    |        | 60    | COLD | 610UL |
| 54  | 11  | 0.15  | 87  | P2  | TWD | 7   | AV7      | +0.26 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.12  | 73  | P2  | TWD | 6   | AV2      | -0.11 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.10  | 56  | P2  | TWD | 5   | AV8      | +0.11 | TEH | TEC    |        | 61    | COLD | 610UL |
| 54  | 13  | 0.16  | 68  | P2  | TWD | 7   | AV7      | +0.35 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.13  | 54  | P2  | TWD | 6   | AV1      | -0.11 | TEH | TEC    |        | 61    | COLD | 610UL |
| 54  | 15  | 0.09  | 120 | P2  | TWD | 4   | AV7      | +0.26 | TEH | TEC    |        | 60    | COLD | 610UL |
| 54  | 139 | 0.11  | 61  | P2  | TWD | 5   | AV6      | +0.26 | TEH | TEC    |        | 41    | COLD | 610UL |
| 54  | 153 | 0.09  | 90  | P2  | TWD | 4   | AV6      | -0.13 | TEH | TEC    |        | 65    | COLD | 610UL |
| 54  | 161 | 0.51  | 110 | P2  | TWD | 16  | AV6      | +0.26 | TEH | TEC    |        | 68    | COLD | 610UL |
|     |     | 0.17  | 123 | P2  | TWD | 7   | AV3      | -0.13 | TEH | TEC    |        | 68    | COLD | 610UL |
|     |     | 0.14  | 84  | P2  | TWD | 5   | AV1      | -0.18 | TEH | TEC    |        | 68    | COLD | 610UL |
| 55  | 10  | 0.11  | 76  | P2  | TWD | 5   | AV7      | +0.26 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.13  | 115 | P2  | TWD | 6   | AV1      | -0.13 | TEH | TEC    |        | 60    | COLD | 610UL |
| 55  | 12  | 0.16  | 109 | P2  | TWD | 7   | AV3      | -0.13 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.14  | 114 | P2  | TWD | 7   | AV2      | -0.11 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.18  | 84  | P2  | TWD | 8   | AV1      | +0.04 | TEH | TEC    |        | 61    | COLD | 610UL |
| 55  | 14  | 0.30  | 124 | P2  | TWD | 12  | AV3      | -0.22 | TEH | TEC    |        | 61    | COLD | 610UL |
| 55  | 24  | 0.12  | 105 | P2  | TWD | 5   | AV3      | +0.30 | TEH | TEC    |        | 66    | COLD | 610UL |
| 55  | 146 | 0.13  | 76  | P2  | TWD | 5   | AV6      | +0.20 | TEH | TEC    |        | 62    | COLD | 610UL |
| 55  | 158 | 0.11  | 46  | P2  | TWD | 5   | AV7      | +0.26 | TEH | TEC    |        | 68    | COLD | 610UL |
|     |     | 0.11  | 90  | P2  | TWD | 4   | AV6      | +0.22 | TEH | TEC    |        | 68    | COLD | 610UL |
|     |     | 0.12  | 112 | P2  | TWD | 5   | AV3      | -0.15 | TEH | TEC    |        | 68    | COLD | 610UL |
| 55  | 160 | 0.17  | 111 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 69    | COLD | 610UL |
|     |     | 0.41  | 119 | P2  | TWD | 14  | AV7      | +0.27 | TEH | TEC    |        | 69    | COLD | 610UL |
| 56  | 9   | 0.18  | 59  | P2  | TWD | 8   | AV7      | +0.24 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.42  | 110 | P2  | TWD | 16  | AV3      | -0.15 | TEH | TEC    |        | 61    | COLD | 610UL |
| 56  | 11  | 0.09  | 85  | P2  | TWD | 4   | AV7      | +0.24 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.08  | 87  | P2  | TWD | 4   | AV6      | +0.24 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.10  | 92  | P2  | TWD | 5   | AV3      | -0.15 | TEH | TEC    |        | 60    | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW   | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-------|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| ===== |     |       |     |     |     |     |          |       |     |        |        |       |      |       |
| 56    | 13  | 0.13  | 145 | P2  | TWD | 6   | AV7      | +0.24 | TEH | TEC    |        | 60    | COLD | 610UL |
|       |     | 0.09  | 81  | P2  | TWD | 4   | AV2      | -0.15 | TEH | TEC    |        | 60    | COLD | 610UL |
| 56    | 15  | 0.12  | 103 | P2  | TWD | 6   | AV7      | +0.15 | TEH | TEC    |        | 61    | COLD | 610UL |
| 56    | 51  | 0.14  | 107 | P2  | TWD | 6   | AV3      | -0.22 | TEH | TEC    |        | 44    | COLD | 610UL |
| 56    | 139 | 0.12  | 126 | P2  | TWD | 5   | AV6      | +0.20 | TEH | TEC    |        | 42    | COLD | 610UL |
| 56    | 155 | 0.10  | 103 | P2  | TWD | 4   | AV6      | +0.29 | TEH | TEC    |        | 65    | COLD | 610UL |
| 56    | 159 | 0.13  | 121 | P2  | TWD | 6   | AV6      | +0.24 | TEH | TEC    |        | 69    | COLD | 610UL |
|       |     | 0.21  | 155 | P2  | TWD | 8   | AV8      | +0.31 | TEH | TEC    |        | 69    | COLD | 610UL |
| 56    | 161 | 0.11  | 83  | P2  | TWD | 5   | AV3      | -0.11 | TEH | TEC    |        | 69    | COLD | 610UL |
|       |     | 0.25  | 131 | P2  | TWD | 10  | AV6      | +0.24 | TEH | TEC    |        | 69    | COLD | 610UL |
| 57    | 10  | 0.16  | 90  | P2  | TWD | 7   | AV8      | +0.26 | TEH | TEC    |        | 61    | COLD | 610UL |
|       |     | 0.25  | 107 | P2  | TWD | 11  | AV7      | +0.26 | TEH | TEC    |        | 61    | COLD | 610UL |
|       |     | 0.15  | 72  | P2  | TWD | 7   | AV1      | -0.11 | TEH | TEC    |        | 61    | COLD | 610UL |
| 57    | 12  | 0.13  | 119 | P2  | TWD | 6   | AV7      | +0.24 | TEH | TEC    |        | 60    | COLD | 610UL |
|       |     | 0.13  | 82  | P2  | TWD | 6   | AV1      | +0.07 | TEH | TEC    |        | 60    | COLD | 610UL |
| 57    | 16  | 0.09  | 118 | P2  | TWD | 4   | AV6      | +0.24 | TEH | TEC    |        | 60    | COLD | 610UL |
|       |     | 0.11  | 136 | P2  | TWD | 5   | AV3      | -0.13 | TEH | TEC    |        | 60    | COLD | 610UL |
| 57    | 24  | 0.30  | 107 | P2  | TWD | 13  | AV3      | +0.37 | TEH | TEC    |        | 67    | COLD | 610UL |
| 57    | 152 | 0.10  | 70  | P2  | TWD | 4   | AV6      | +0.27 | TEH | TEC    |        | 65    | COLD | 610UL |
| 57    | 154 | 0.14  | 94  | P2  | TWD | 6   | AV7      | +0.29 | TEH | TEC    |        | 65    | COLD | 610UL |
|       |     | 0.14  | 103 | P2  | TWD | 6   | AV6      | +0.22 | TEH | TEC    |        | 65    | COLD | 610UL |
| 57    | 158 | 0.19  | 133 | P2  | TWD | 7   | AV3      | -0.18 | TEH | TEC    |        | 69    | COLD | 610UL |
|       |     | 0.17  | 118 | P2  | TWD | 7   | AV6      | +0.22 | TEH | TEC    |        | 69    | COLD | 610UL |
|       |     | 0.25  | 126 | P2  | TWD | 9   | AV7      | +0.20 | TEH | TEC    |        | 69    | COLD | 610UL |
| 57    | 160 | 0.19  | 111 | P2  | TWD | 7   | AV2      | -0.15 | TEH | TEC    |        | 68    | COLD | 610UL |
|       |     | 0.21  | 126 | P2  | TWD | 8   | AV7      | +0.26 | TEH | TEC    |        | 68    | COLD | 610UL |
| 58    | 9   | 0.12  | 127 | P2  | TWD | 6   | AV6      | -0.22 | TEH | TEC    |        | 60    | COLD | 610UL |
|       |     | 0.13  | 92  | P2  | TWD | 6   | AV7      | +0.26 | TEH | TEC    |        | 60    | COLD | 610UL |
| 58    | 11  | 0.12  | 81  | P2  | TWD | 6   | AV7      | +0.22 | TEH | TEC    |        | 61    | COLD | 610UL |
|       |     | 0.15  | 129 | P2  | TWD | 7   | AV3      | -0.13 | TEH | TEC    |        | 61    | COLD | 610UL |
| 58    | 13  | 0.21  | 69  | P2  | TWD | 9   | AV7      | +0.24 | TEH | TEC    |        | 61    | COLD | 610UL |
| 58    | 15  | 0.11  | 124 | P2  | TWD | 5   | AV3      | -0.17 | TEH | TEC    |        | 60    | COLD | 610UL |
| 58    | 51  | 0.14  | 146 | P2  | TWD | 6   | AV3      | -0.17 | TEH | TEC    |        | 43    | COLD | 610UL |
| 58    | 143 | 0.14  | 110 | P2  | TWD | 6   | AV6      | +0.22 | TEH | TEC    |        | 58    | COLD | 610UL |
| 58    | 159 | 0.21  | 99  | P2  | TWD | 8   | AV6      | +0.26 | TEH | TEC    |        | 68    | COLD | 610UL |
| 58    | 161 | 0.12  | 92  | P2  | TWD | 5   | AV6      | +0.26 | TEH | TEC    |        | 68    | COLD | 610UL |
| 59    | 10  | 0.14  | 109 | P2  | TWD | 7   | AV8      | +0.24 | TEH | TEC    |        | 60    | COLD | 610UL |
|       |     | 0.27  | 115 | P2  | TWD | 11  | AV7      | +0.26 | TEH | TEC    |        | 60    | COLD | 610UL |
|       |     | 0.12  | 135 | P2  | TWD | 5   | AV3      | -0.13 | TEH | TEC    |        | 60    | COLD | 610UL |
|       |     | 0.17  | 107 | P2  | TWD | 7   | AV2      | -0.15 | TEH | TEC    |        | 60    | COLD | 610UL |
|       |     | 0.16  | 95  | P2  | TWD | 7   | AV1      | -0.16 | TEH | TEC    |        | 60    | COLD | 610UL |
| 59    | 12  | 0.21  | 107 | P2  | TWD | 9   | AV7      | +0.26 | TEH | TEC    |        | 61    | COLD | 610UL |
| 59    | 14  | 0.28  | 112 | P2  | TWD | 12  | AV3      | -0.13 | TEH | TEC    |        | 61    | COLD | 610UL |
|       |     | 0.11  | 99  | P2  | TWD | 6   | AV7      | +0.24 | TEH | TEC    |        | 61    | COLD | 610UL |
| 59    | 154 | 0.13  | 120 | P2  | TWD | 5   | AV6      | +0.22 | TEH | TEC    |        | 64    | COLD | 610UL |
|       |     | 0.11  | 81  | P2  | TWD | 4   | AV7      | +0.24 | TEH | TEC    |        | 64    | COLD | 610UL |
| 59    | 156 | 0.13  | 74  | P2  | TWD | 6   | AV6      | +0.24 | TEH | TEC    |        | 73    | COLD | 610UL |
| 59    | 158 | 0.16  | 140 | P2  | TWD | 6   | AV2      | -0.11 | TEH | TEC    |        | 68    | COLD | 610UL |
|       |     | 0.21  | 90  | P2  | TWD | 8   | AV3      | +0.07 | TEH | TEC    |        | 68    | COLD | 610UL |
|       |     | 0.16  | 90  | P2  | TWD | 6   | AV6      | +0.31 | TEH | TEC    |        | 68    | COLD | 610UL |
|       |     | 0.30  | 103 | P2  | TWD | 11  | AV7      | +0.24 | TEH | TEC    |        | 68    | COLD | 610UL |
| 59    | 160 | 0.14  | 119 | P2  | TWD | 6   | AV1      | -0.09 | TEH | TEC    |        | 69    | COLD | 610UL |
|       |     | 0.19  | 123 | P2  | TWD | 8   | AV7      | +0.24 | TEH | TEC    |        | 69    | COLD | 610UL |
|       |     | 0.18  | 111 | P2  | TWD | 7   | AV8      | +0.22 | TEH | TEC    |        | 69    | COLD | 610UL |
| 60    | 11  | 0.13  | 136 | P2  | TWD | 6   | AV7      | +0.22 | TEH | TEC    |        | 60    | COLD | 610UL |
|       |     | 0.32  | 126 | P2  | TWD | 13  | AV3      | +0.30 | TEH | TEC    |        | 60    | COLD | 610UL |
| 60    | 13  | 0.09  | 98  | P2  | TWD | 4   | AV8      | +0.20 | TEH | TEC    |        | 60    | COLD | 610UL |
|       |     | 0.14  | 99  | P2  | TWD | 6   | AV7      | +0.22 | TEH | TEC    |        | 60    | COLD | 610UL |
|       |     | 0.19  | 98  | P2  | TWD | 8   | AV3      | -0.15 | TEH | TEC    |        | 60    | COLD | 610UL |
|       |     | 0.08  | 129 | P2  | TWD | 4   | AV2      | -0.13 | TEH | TEC    |        | 60    | COLD | 610UL |
|       |     | 0.11  | 78  | P2  | TWD | 5   | AV1      | -0.20 | TEH | TEC    |        | 60    | COLD | 610UL |
| 60    | 23  | 0.18  | 104 | P2  | TWD | 8   | AV3      | -0.15 | TEH | TEC    |        | 67    | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 60  | 51  | 0.13  | 115 | P2  | TWD | 6   | AV3      | -0.20 | TEH | TEC    |        | 44    | COLD | 610UL |
| 60  | 153 | 0.14  | 88  | P2  | TWD | 6   | AV6      | -0.18 | TEH | TEC    |        | 64    | COLD | 610UL |
| 60  | 157 | 0.19  | 115 | P2  | TWD | 8   | AV7      | +0.27 | TEH | TEC    |        | 73    | COLD | 610UL |
|     |     | 0.12  | 109 | P2  | TWD | 5   | AV3      | +0.24 | TEH | TEC    |        | 73    | COLD | 610UL |
|     |     | 0.12  | 92  | P2  | TWD | 5   | AV8      | +0.24 | TEH | TEC    |        | 73    | COLD | 610UL |
| 60  | 159 | 0.18  | 124 | P2  | TWD | 7   | AV1      | +0.20 | TEH | TEC    |        | 69    | COLD | 610UL |
|     |     | 0.44  | 121 | P2  | TWD | 15  | AV2      | +0.13 | TEH | TEC    |        | 69    | COLD | 610UL |
|     |     | 0.31  | 118 | P2  | TWD | 11  | AV3      | +0.04 | TEH | TEC    |        | 69    | COLD | 610UL |
|     |     | 0.22  | 127 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 69    | COLD | 610UL |
|     |     | 0.12  | 122 | P2  | TWD | 5   | AV7      | +0.20 | TEH | TEC    |        | 69    | COLD | 610UL |
|     |     | 0.14  | 116 | P2  | TWD | 6   | AV8      | +0.27 | TEH | TEC    |        | 69    | COLD | 610UL |
| 61  | 10  | 0.22  | 116 | P2  | TWD | 9   | AV7      | +0.26 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.22  | 119 | P2  | TWD | 9   | AV3      | -0.13 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.13  | 124 | P2  | TWD | 6   | AV2      | -0.15 | TEH | TEC    |        | 60    | COLD | 610UL |
| 61  | 12  | 0.15  | 131 | P2  | TWD | 7   | AV7      | +0.22 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.23  | 113 | P2  | TWD | 10  | AV3      | +0.28 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.13  | 86  | P2  | TWD | 6   | AV1      | -0.15 | TEH | TEC    |        | 60    | COLD | 610UL |
| 61  | 14  | 0.18  | 111 | P2  | TWD | 8   | AV7      | +0.26 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.34  | 117 | P2  | TWD | 13  | AV3      | -0.11 | TEH | TEC    |        | 60    | COLD | 610UL |
| 61  | 16  | 0.12  | 107 | P2  | TWD | 5   | AV6      | +0.19 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.16  | 113 | P2  | TWD | 7   | AV3      | +0.26 | TEH | TEC    |        | 60    | COLD | 610UL |
| 61  | 158 | 0.12  | 100 | P2  | TWD | 5   | AV2      | -0.16 | TEH | TEC    |        | 69    | COLD | 610UL |
|     |     | 0.35  | 125 | P2  | TWD | 13  | AV3      | +0.31 | TEH | TEC    |        | 69    | COLD | 610UL |
|     |     | 0.20  | 125 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 69    | COLD | 610UL |
| 61  | 160 | 0.13  | 134 | P2  | TWD | 5   | AV7      | +0.22 | TEH | TEC    |        | 68    | COLD | 610UL |
|     |     | 0.16  | 97  | P2  | TWD | 6   | AV3      | -0.15 | TEH | TEC    |        | 68    | COLD | 610UL |
| 62  | 11  | 0.18  | 111 | P2  | TWD | 8   | AV7      | +0.26 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.13  | 98  | P2  | TWD | 6   | AV6      | -0.22 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.27  | 110 | P2  | TWD | 11  | AV3      | +0.31 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.12  | 73  | P2  | TWD | 6   | AV1      | -0.13 | TEH | TEC    |        | 61    | COLD | 610UL |
| 62  | 13  | 0.19  | 101 | P2  | TWD | 8   | AV7      | +0.26 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.28  | 113 | P2  | TWD | 12  | AV3      | -0.17 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.18  | 94  | P2  | TWD | 8   | AV2      | -0.17 | TEH | TEC    |        | 61    | COLD | 610UL |
| 62  | 15  | 0.08  | 103 | P2  | TWD | 4   | AV3      | -0.13 | TEH | TEC    |        | 60    | COLD | 610UL |
| 62  | 17  | 0.18  | 90  | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 61    | COLD | 610UL |
| 62  | 139 | 0.12  | 117 | P2  | TWD | 5   | AV6      | +0.26 | TEH | TEC    |        | 41    | COLD | 610UL |
| 62  | 157 | 0.13  | 90  | P2  | TWD | 5   | AV1      | -0.16 | TEH | TEC    |        | 72    | COLD | 610UL |
|     |     | 0.15  | 92  | P2  | TWD | 5   | AV8      | +0.00 | TEH | TEC    |        | 72    | COLD | 610UL |
| 62  | 159 | 0.17  | 90  | P2  | TWD | 7   | AV3      | +0.35 | TEH | TEC    |        | 68    | COLD | 610UL |
| 63  | 12  | 0.16  | 115 | P2  | TWD | 7   | AV1      | +0.00 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.12  | 67  | P2  | TWD | 6   | AV7      | +0.20 | TEH | TEC    |        | 61    | COLD | 610UL |
| 63  | 14  | 0.20  | 122 | P2  | TWD | 9   | AV3      | -0.07 | TEH | TEC    |        | 61    | COLD | 610UL |
| 63  | 16  | 0.12  | 130 | P2  | TWD | 6   | AV3      | -0.11 | TEH | TEC    |        | 61    | COLD | 610UL |
| 63  | 156 | 0.24  | 125 | P2  | TWD | 9   | AV3      | +0.27 | TEH | TEC    |        | 73    | COLD | 610UL |
|     |     | 0.15  | 100 | P2  | TWD | 6   | AV7      | +0.33 | TEH | TEC    |        | 73    | COLD | 610UL |
| 63  | 158 | 0.28  | 109 | P2  | TWD | 10  | AV7      | +0.24 | TEH | TEC    |        | 68    | COLD | 610UL |
|     |     | 0.22  | 128 | P2  | TWD | 8   | AV6      | +0.20 | TEH | TEC    |        | 68    | COLD | 610UL |
|     |     | 0.13  | 123 | P2  | TWD | 5   | AV3      | -0.15 | TEH | TEC    |        | 68    | COLD | 610UL |
|     |     | 0.19  | 101 | P2  | TWD | 7   | AV2      | -0.15 | TEH | TEC    |        | 68    | COLD | 610UL |
| 64  | 11  | 0.22  | 120 | P2  | TWD | 9   | AV3      | -0.13 | TEH | TEC    |        | 60    | COLD | 610UL |
| 64  | 13  | 0.21  | 122 | P2  | TWD | 9   | AV7      | +0.26 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.09  | 58  | P2  | TWD | 4   | AV1      | -0.15 | TEH | TEC    |        | 60    | COLD | 610UL |
| 64  | 15  | 0.13  | 102 | P2  | TWD | 6   | AV2      | +0.04 | TEH | TEC    |        | 61    | COLD | 610UL |
| 64  | 23  | 0.19  | 114 | P2  | TWD | 9   | AV3      | -0.11 | TEH | TEC    |        | 67    | COLD | 610UL |
| 64  | 27  | 0.13  | 108 | P2  | TWD | 6   | AV3      | -0.17 | TEH | TEC    |        | 67    | COLD | 610UL |
| 64  | 153 | 0.15  | 51  | P2  | TWD | 6   | AV7      | +0.24 | TEH | TEC    |        | 64    | COLD | 610UL |
| 64  | 157 | 0.17  | 103 | P2  | TWD | 7   | AV7      | +0.24 | TEH | TEC    |        | 73    | COLD | 610UL |
| 65  | 12  | 0.13  | 98  | P2  | TWD | 6   | AV8      | +0.26 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.11  | 59  | P2  | TWD | 5   | AV6      | -0.20 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.16  | 118 | P2  | TWD | 7   | AV3      | +0.31 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.08  | 69  | P2  | TWD | 4   | AV2      | +0.24 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.13  | 81  | P2  | TWD | 6   | AV1      | -0.15 | TEH | TEC    |        | 60    | COLD | 610UL |
| 65  | 14  | 0.14  | 104 | P2  | TWD | 7   | AV3      | -0.17 | TEH | TEC    |        | 60    | COLD | 610UL |
| 65  | 64  | 0.16  | 123 | P2  | TWD | 7   | AV3      | +0.20 | TEH | TEC    |        | 11    | COLD | 610UL |
| 65  | 104 | 0.14  | 115 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 20    | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND    | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|--------|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 65  | 158 | 0.22  | 131 | P2  | TWD 9  |     | AV2      | -0.18 | TEH | TEC    |        | 69    | COLD | 610UL |
|     |     | 0.28  | 120 | P2  | TWD 11 |     | AV3      | +0.27 | TEH | TEC    |        | 69    | COLD | 610UL |
|     |     | 0.30  | 129 | P2  | TWD 11 |     | AV7      | +0.24 | TEH | TEC    |        | 69    | COLD | 610UL |
|     |     | 0.16  | 137 | P2  | TWD 6  |     | AV8      | +0.20 | TEH | TEC    |        | 69    | COLD | 610UL |
| 66  | 13  | 0.22  | 105 | P2  | TWD 10 |     | AV7      | +0.28 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.26  | 102 | P2  | TWD 11 |     | AV3      | +0.22 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.33  | 100 | P2  | TWD 13 |     | AV2      | +0.20 | TEH | TEC    |        | 61    | COLD | 610UL |
| 66  | 23  | 0.21  | 109 | P2  | TWD 9  |     | AV3      | -0.17 | TEH | TEC    |        | 66    | COLD | 610UL |
| 66  | 155 | 0.17  | 86  | P2  | TWD 7  |     | AV1      | +0.24 | TEH | TEC    |        | 64    | COLD | 610UL |
| 66  | 157 | 0.19  | 72  | P2  | TWD 7  |     | AV7      | -0.15 | TEH | TEC    |        | 72    | COLD | 610UL |
| 67  | 12  | 0.18  | 119 | P2  | TWD 8  |     | AV6      | +0.13 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.39  | 119 | P2  | TWD 15 |     | AV3      | -0.09 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.12  | 98  | P2  | TWD 6  |     | AV7      | +0.18 | TEH | TEC    |        | 61    | COLD | 610UL |
| 67  | 18  | 0.11  | 117 | P2  | TWD 5  |     | AV7      | -0.13 | TEH | TEC    |        | 60    | COLD | 610UL |
| 67  | 22  | 0.09  | 93  | P2  | TWD 4  |     | AV3      | -0.17 | TEH | TEC    |        | 60    | COLD | 610UL |
| 67  | 102 | 0.13  | 131 | P2  | TWD 5  |     | AV3      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
| 67  | 156 | 0.15  | 81  | P2  | TWD 6  |     | AV1      | -0.14 | TEH | TEC    |        | 73    | COLD | 610UL |
|     |     | 0.25  | 122 | P2  | TWD 10 |     | AV3      | +0.29 | TEH | TEC    |        | 73    | COLD | 610UL |
|     |     | 0.15  | 121 | P2  | TWD 6  |     | AV6      | -0.18 | TEH | TEC    |        | 73    | COLD | 610UL |
|     |     | 0.21  | 86  | P2  | TWD 8  |     | AV7      | -0.18 | TEH | TEC    |        | 73    | COLD | 610UL |
| 67  | 158 | 0.11  | 97  | P2  | TWD 4  |     | AV8      | +0.20 | TEH | TEC    |        | 68    | COLD | 610UL |
|     |     | 0.19  | 137 | P2  | TWD 7  |     | AV7      | +0.22 | TEH | TEC    |        | 68    | COLD | 610UL |
|     |     | 0.16  | 93  | P2  | TWD 6  |     | AV3      | +0.31 | TEH | TEC    |        | 68    | COLD | 610UL |
| 68  | 13  | 0.09  | 96  | P2  | TWD 4  |     | AV8      | +0.24 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.06  | 113 | P2  | TWD 3  |     | AV7      | +0.22 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.31  | 137 | P2  | TWD 12 |     | AV6      | -0.02 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.27  | 117 | P2  | TWD 11 |     | AV3      | +0.31 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.17  | 85  | P2  | TWD 8  |     | AV2      | +0.26 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.09  | 138 | P2  | TWD 4  |     | AV1      | -0.11 | TEH | TEC    |        | 60    | COLD | 610UL |
| 68  | 15  | 0.15  | 97  | P2  | TWD 7  |     | AV7      | -0.11 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.15  | 101 | P2  | TWD 7  |     | AV2      | +0.24 | TEH | TEC    |        | 61    | COLD | 610UL |
| 68  | 17  | 0.09  | 99  | P2  | TWD 4  |     | AV7      | +0.20 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.14  | 115 | P2  | TWD 7  |     | AV3      | +0.30 | TEH | TEC    |        | 60    | COLD | 610UL |
| 68  | 51  | 0.14  | 81  | P2  | TWD 6  |     | AV3      | -0.13 | TEH | TEC    |        | 44    | COLD | 610UL |
| 68  | 65  | 0.17  | 71  | P2  | TWD 8  |     | AV3      | -0.02 | TEH | TEC    |        | 12    | COLD | 610UL |
| 68  | 97  | 0.11  | 133 | P2  | TWD 5  |     | AV6      | -0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
| 68  | 109 | 0.13  | 138 | P2  | TWD 6  |     | AV3      | +0.04 | TEH | TEC    |        | 24    | COLD | 610UL |
|     |     | 0.13  | 136 | P2  | TWD 6  |     | AV6      | +0.02 | TEH | TEC    |        | 24    | COLD | 610UL |
| 68  | 157 | 0.22  | 127 | P2  | TWD 9  |     | AV3      | +0.29 | TEH | TEC    |        | 73    | COLD | 610UL |
|     |     | 0.19  | 99  | P2  | TWD 8  |     | AV7      | +0.22 | TEH | TEC    |        | 73    | COLD | 610UL |
| 69  | 14  | 0.14  | 117 | P2  | TWD 7  |     | AV3      | +0.24 | TEH | TEC    |        | 60    | COLD | 610UL |
| 69  | 104 | 0.20  | 128 | P2  | TWD 9  |     | AV6      | +0.00 | TEH | TEC    |        | 20    | COLD | 610UL |
| 69  | 152 | 0.11  | 62  | P2  | TWD 5  |     | AV1      | +0.33 | TEH | TEC    |        | 65    | COLD | 610UL |
| 69  | 156 | 0.28  | 107 | P2  | TWD 9  |     | AV3      | +0.24 | TEH | TEC    |        | 72    | COLD | 610UL |
|     |     | 0.24  | 107 | P2  | TWD 8  |     | AV6      | +0.00 | TEH | TEC    |        | 72    | COLD | 610UL |
|     |     | 0.15  | 97  | P2  | TWD 5  |     | AV7      | -0.15 | TEH | TEC    |        | 72    | COLD | 610UL |
|     |     | 0.16  | 93  | P2  | TWD 6  |     | AV8      | +0.24 | TEH | TEC    |        | 72    | COLD | 610UL |
| 70  | 15  | 0.09  | 63  | P2  | TWD 4  |     | AV8      | +0.26 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.07  | 131 | P2  | TWD 3  |     | AV7      | -0.17 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.10  | 116 | P2  | TWD 5  |     | AV6      | -0.17 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.24  | 110 | P2  | TWD 10 |     | AV3      | +0.30 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.10  | 123 | P2  | TWD 5  |     | AV2      | +0.26 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.09  | 93  | P2  | TWD 4  |     | AV1      | -0.13 | TEH | TEC    |        | 60    | COLD | 610UL |
| 70  | 17  | 0.37  | 99  | P2  | TWD 14 |     | AV3      | +0.28 | TEH | TEC    |        | 61    | COLD | 610UL |
| 70  | 19  | 0.09  | 62  | P2  | TWD 4  |     | AV8      | -0.13 | TEH | TEC    |        | 60    | COLD | 610UL |
| 70  | 21  | 0.09  | 58  | P2  | TWD 4  |     | AV3      | +0.30 | TEH | TEC    |        | 60    | COLD | 610UL |
| 70  | 47  | 0.17  | 139 | P2  | TWD 7  |     | AV3      | +0.17 | TEH | TEC    |        | 39    | COLD | 610UL |
| 70  | 99  | 0.15  | 331 | P2  | TWD 6  |     | AV3      | +0.00 | TEH | TEC    |        | 17    | COLD | 610UL |
| 71  | 14  | 0.19  | 120 | P2  | TWD 9  |     | AV3      | +0.28 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.14  | 77  | P2  | TWD 7  |     | AV2      | +0.28 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.12  | 88  | P2  | TWD 6  |     | AV7      | -0.15 | TEH | TEC    |        | 61    | COLD | 610UL |
| 71  | 16  | 0.18  | 90  | P2  | TWD 8  |     | AV3      | +0.26 | TEH | TEC    |        | 61    | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 71  | 18  | 0.25  | 104 | P2  | TWD | 10  | AV3      | +0.33 | TEH | TEC    |        | 60    | COLD | 610UL |
| 71  | 20  | 0.09  | 61  | P2  | TWD | 4   | AV2      | +0.20 | TEH | TEC    |        | 60    | COLD | 610UL |
| 71  | 154 | 0.17  | 108 | P2  | TWD | 7   | AV3      | +0.11 | TEH | TEC    |        | 65    | COLD | 610UL |
|     |     | 0.14  | 108 | P2  | TWD | 6   | AV7      | -0.13 | TEH | TEC    |        | 65    | COLD | 610UL |
|     |     | 0.12  | 52  | P2  | TWD | 5   | AV8      | +0.09 | TEH | TEC    |        | 65    | COLD | 610UL |
| 72  | 15  | 0.16  | 70  | P2  | TWD | 7   | AV6      | -0.28 | TEH | TEC    |        | 61    | COLD | 610UL |
| 72  | 17  | 0.12  | 122 | P2  | TWD | 6   | AV6      | -0.15 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.16  | 119 | P2  | TWD | 7   | AV3      | +0.26 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.08  | 52  | P2  | TWD | 4   | AV1      | -0.15 | TEH | TEC    |        | 60    | COLD | 610UL |
| 72  | 75  | 0.14  | 129 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 72  | 99  | 0.14  | 131 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
| 73  | 14  | 0.14  | 111 | P2  | TWD | 7   | AV2      | -0.48 | TEH | TEC    |        | 60    | COLD | 610UL |
| 73  | 16  | 0.23  | 136 | P2  | TWD | 10  | AV6      | -0.02 | TEH | TEC    |        | 60    | COLD | 610UL |
| 73  | 76  | 0.16  | 140 | P2  | TWD | 7   | AV3      | +0.09 | TEH | TEC    |        | 3     | COLD | 610UL |
| 73  | 150 | 0.09  | 81  | P2  | TWD | 4   | AV6      | -0.07 | TEH | TEC    |        | 65    | COLD | 610UL |
| 74  | 15  | 0.11  | 119 | P2  | TWD | 5   | AV8      | +0.22 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.11  | 92  | P2  | TWD | 5   | AV3      | +0.28 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.08  | 119 | P2  | TWD | 4   | AV2      | +0.24 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.09  | 61  | P2  | TWD | 4   | AV1      | -0.40 | TEH | TEC    |        | 60    | COLD | 610UL |
| 74  | 65  | 0.10  | 90  | P2  | TWD | 5   | AV2      | -0.15 | TEH | TEC    |        | 11    | COLD | 610UL |
| 74  | 67  | 0.11  | 106 | P2  | TWD | 5   | AV6      | +0.22 | TEH | TEC    |        | 9     | COLD | 610UL |
|     |     | 0.13  | 92  | P2  | TWD | 5   | AV2      | +0.18 | TEH | TEC    |        | 9     | COLD | 610UL |
| 74  | 75  | 0.14  | 135 | P2  | TWD | 6   | AV2      | -0.04 | TEH | TEC    |        | 3     | COLD | 610UL |
| 74  | 85  | 0.20  | 142 | P2  | TWD | 8   | AV3      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
| 74  | 95  | 0.17  | 129 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 74  | 97  | 0.15  | 81  | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.16  | 104 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.13  | 122 | P2  | TWD | 5   | AV4      | +0.24 | TEH | TEC    |        | 13    | COLD | 610UL |
| 74  | 99  | 0.16  | 115 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 17    | COLD | 610UL |
| 74  | 101 | 0.17  | 110 | P2  | TWD | 7   | AV2      | -0.02 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.19  | 122 | P2  | TWD | 8   | AV3      | +0.02 | TEH | TEC    |        | 17    | COLD | 610UL |
| 74  | 151 | 0.12  | 66  | P2  | TWD | 5   | AV6      | +0.02 | TEH | TEC    |        | 64    | COLD | 610UL |
| 75  | 18  | 0.09  | 132 | P2  | TWD | 4   | AV5      | -0.17 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.13  | 88  | P2  | TWD | 6   | AV4      | +0.30 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.12  | 69  | P2  | TWD | 5   | AV3      | +0.30 | TEH | TEC    |        | 60    | COLD | 610UL |
| 75  | 66  | 0.17  | 136 | P2  | TWD | 7   | AV3      | +0.02 | TEH | TEC    |        | 9     | COLD | 610UL |
| 75  | 86  | 0.19  | 81  | P2  | TWD | 7   | AV7      | +0.22 | TEH | TEC    |        | 5     | COLD | 610UL |
| 75  | 94  | 0.14  | 140 | P2  | TWD | 6   | AV6      | +0.07 | TEH | TEC    |        | 8     | COLD | 610UL |
| 75  | 100 | 0.13  | 127 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
| 75  | 152 | 0.21  | 94  | P2  | TWD | 8   | AV4      | +0.22 | TEH | TEC    |        | 64    | COLD | 610UL |
|     |     | 0.12  | 98  | P2  | TWD | 5   | AV5      | -0.11 | TEH | TEC    |        | 64    | COLD | 610UL |
| 76  | 17  | 0.10  | 88  | P2  | TWD | 5   | AV8      | +0.20 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.17  | 120 | P2  | TWD | 7   | AV3      | +0.22 | TEH | TEC    |        | 60    | COLD | 610UL |
| 76  | 21  | 0.15  | 94  | P2  | TWD | 7   | AV5      | -0.15 | TEH | TEC    |        | 61    | COLD | 610UL |
| 76  | 69  | 0.21  | 78  | P2  | TWD | 10  | AV4      | +0.04 | TEH | TEC    |        | 10    | COLD | 610UL |
|     |     | 0.12  | 76  | P2  | TWD | 6   | AV5      | -0.07 | TEH | TEC    |        | 10    | COLD | 610UL |
| 76  | 73  | 0.21  | 121 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 76  | 77  | 0.20  | 118 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 76  | 91  | 0.14  | 138 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
| 76  | 99  | 0.14  | 144 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.13  | 143 | P2  | TWD | 5   | AV4      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.15  | 128 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.13  | 128 | P2  | TWD | 5   | AV6      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.11  | 111 | P2  | TWD | 5   | AV8      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
| 76  | 153 | 0.17  | 74  | P2  | TWD | 7   | AV4      | +0.18 | TEH | TEC    |        | 64    | COLD | 610UL |
| 77  | 16  | 0.11  | 106 | P2  | TWD | 5   | AV8      | +0.22 | TEH | TEC    |        | 60    | COLD | 610UL |
| 77  | 18  | 0.08  | 34  | P2  | TWD | 4   | AV7      | -0.13 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.09  | 78  | P2  | TWD | 4   | AV5      | -0.13 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.09  | 45  | P2  | TWD | 4   | AV1      | +0.20 | TEH | TEC    |        | 60    | COLD | 610UL |
| 77  | 20  | 0.16  | 72  | P2  | TWD | 7   | AV5      | -0.15 | TEH | TEC    |        | 61    | COLD | 610UL |
|     |     | 0.12  | 43  | P2  | TWD | 6   | AV8      | -0.13 | TEH | TEC    |        | 61    | COLD | 610UL |
| 77  | 68  | 0.14  | 108 | P2  | TWD | 6   | AV7      | +0.07 | TEH | TEC    |        | 9     | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 77  | 76  | 0.19  | 115 | P2  | TWD | 8   | AV5      | -0.11 | TEH | TEC    |        | 3     | COLD | 610UL |
| 77  | 88  | 0.09  | 84  | P2  | TWD | 4   | AV2      | -0.13 | TEH | TEC    |        | 7     | COLD | 610UL |
| 77  | 92  | 0.10  | 111 | P2  | TWD | 4   | AV7      | -0.13 | TEH | TEC    |        | 7     | COLD | 610UL |
| 77  | 94  | 0.15  | 81  | P2  | TWD | 6   | AV6      | +0.22 | TEH | TEC    |        | 7     | COLD | 610UL |
| 77  | 104 | 0.13  | 61  | P2  | TWD | 6   | AV5      | -0.13 | TEH | TEC    |        | 20    | COLD | 610UL |
|     |     | 0.11  | 106 | P2  | TWD | 5   | AV4      | -0.15 | TEH | TEC    |        | 20    | COLD | 610UL |
| 77  | 152 | 0.14  | 88  | P2  | TWD | 6   | AV4      | +0.31 | TEH | TEC    |        | 65    | COLD | 610UL |
|     |     | 0.12  | 92  | P2  | TWD | 5   | AV7      | -0.13 | TEH | TEC    |        | 65    | COLD | 610UL |
| 78  | 19  | 0.13  | 79  | P2  | TWD | 6   | AV4      | +0.26 | TEH | TEC    |        | 60    | COLD | 610UL |
| 78  | 51  | 0.10  | 113 | P2  | TWD | 5   | AV3      | -0.17 | TEH | TEC    |        | 22    | COLD | 610UL |
| 78  | 69  | 0.11  | 111 | P2  | TWD | 5   | AV3      | +0.20 | TEH | TEC    |        | 9     | COLD | 610UL |
| 78  | 75  | 0.20  | 132 | P2  | TWD | 9   | AV2      | -0.09 | TEH | TEC    |        | 3     | COLD | 610UL |
|     |     | 0.16  | 141 | P2  | TWD | 7   | AV3      | -0.13 | TEH | TEC    |        | 3     | COLD | 610UL |
| 78  | 83  | 0.18  | 138 | P2  | TWD | 8   | AV5      | +0.09 | TEH | TEC    |        | 1     | COLD | 610UL |
| 78  | 85  | 0.16  | 124 | P2  | TWD | 7   | AV3      | +0.02 | TEH | TEC    |        | 1     | COLD | 610UL |
| 78  | 95  | 0.23  | 117 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.17  | 92  | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 78  | 97  | 0.19  | 118 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 78  | 99  | 0.25  | 119 | P2  | TWD | 10  | AV4      | -0.02 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.26  | 97  | P2  | TWD | 10  | AV6      | +0.04 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.32  | 118 | P2  | TWD | 12  | AV5      | -0.07 | TEH | TEC    |        | 17    | COLD | 610UL |
| 78  | 101 | 0.15  | 108 | P2  | TWD | 7   | AV5      | +0.02 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.17  | 144 | P2  | TWD | 7   | AV6      | +0.29 | TEH | TEC    |        | 17    | COLD | 610UL |
| 78  | 105 | 0.15  | 111 | P2  | TWD | 6   | AV4      | +0.15 | TEH | TEC    |        | 19    | COLD | 610UL |
| 78  | 109 | 0.16  | 142 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |
| 78  | 151 | 0.12  | 120 | P2  | TWD | 5   | AV6      | -0.02 | TEH | TEC    |        | 64    | COLD | 610UL |
| 79  | 20  | 0.12  | 94  | P2  | TWD | 6   | AV5      | -0.15 | TEH | TEC    |        | 60    | COLD | 610UL |
|     |     | 0.12  | 101 | P2  | TWD | 5   | AV1      | +0.20 | TEH | TEC    |        | 60    | COLD | 610UL |
| 79  | 22  | 0.13  | 112 | P2  | TWD | 6   | AV4      | +0.17 | TEH | TEC    |        | 66    | COLD | 610UL |
| 79  | 56  | 0.17  | 131 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 16    | COLD | 610UL |
| 79  | 86  | 0.19  | 98  | P2  | TWD | 7   | AV3      | +0.09 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.25  | 99  | P2  | TWD | 9   | AV4      | +0.11 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.18  | 100 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
| 79  | 94  | 0.14  | 145 | P2  | TWD | 6   | AV2      | +0.09 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.10  | 116 | P2  | TWD | 5   | AV3      | +0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.13  | 155 | P2  | TWD | 6   | AV4      | +0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.11  | 117 | P2  | TWD | 5   | AV6      | +0.07 | TEH | TEC    |        | 8     | COLD | 610UL |
| 79  | 96  | 0.22  | 117 | P2  | TWD | 9   | AV2      | -0.04 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.16  | 104 | P2  | TWD | 7   | AV5      | +0.07 | TEH | TEC    |        | 14    | COLD | 610UL |
| 79  | 98  | 0.15  | 111 | P2  | TWD | 6   | AV6      | +0.09 | TEH | TEC    |        | 14    | COLD | 610UL |
| 79  | 100 | 0.14  | 134 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
| 79  | 104 | 0.11  | 112 | P2  | TWD | 5   | AV4      | -0.18 | TEH | TEC    |        | 19    | COLD | 610UL |
| 80  | 17  | 0.57  | 115 | P2  | TWD | 19  | AV3      | +1.00 | TEH | TEC    | LOCOK  | 60    | COLD | 610UL |
| 80  | 23  | 0.12  | 90  | P2  | TWD | 6   | AV4      | +0.24 | TEH | TEC    |        | 67    | COLD | 610UL |
| 80  | 73  | 0.18  | 75  | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 80  | 77  | 0.20  | 110 | P2  | TWD | 9   | AV3      | +0.04 | TEH | TEC    |        | 4     | COLD | 610UL |
|     |     | 0.17  | 88  | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 80  | 83  | 0.17  | 122 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 80  | 85  | 0.18  | 117 | P2  | TWD | 8   | AV3      | +0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.21  | 126 | P2  | TWD | 10  | AV4      | +0.04 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.14  | 135 | P2  | TWD | 7   | AV7      | +0.04 | TEH | TEC    |        | 2     | COLD | 610UL |
| 80  | 87  | 0.16  | 114 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.15  | 124 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
| 80  | 91  | 0.14  | 146 | P2  | TWD | 6   | AV3      | -0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
| 80  | 95  | 0.18  | 116 | P2  | TWD | 7   | AV5      | +0.09 | TEH | TEC    |        | 14    | COLD | 610UL |
| 80  | 99  | 0.11  | 129 | P2  | TWD | 5   | AV4      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.16  | 119 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
| 80  | 101 | 0.14  | 129 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
| 80  | 105 | 0.18  | 139 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 20    | COLD | 610UL |
|     |     | 0.10  | 77  | P2  | TWD | 5   | AV5      | +0.00 | TEH | TEC    |        | 20    | COLD | 610UL |
| 81  | 18  | 0.14  | 28  | P2  | TWD | 7   | AV6      | +0.50 | TEH | TEC    |        | 61    | COLD | 610UL |
| 81  | 70  | 0.11  | 125 | P2  | TWD | 5   | AV5      | +0.13 | TEH | TEC    |        | 9     | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 81  | 72  | 0.15  | 90  | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 81  | 74  | 0.16  | 141 | P2  | TWD | 7   | AV2      | +0.02 | TEH | TEC    |        | 3     | COLD | 610UL |
| 81  | 76  | 0.14  | 137 | P2  | TWD | 6   | AV4      | -0.11 | TEH | TEC    |        | 3     | COLD | 610UL |
|     |     | 0.20  | 121 | P2  | TWD | 9   | AV5      | -0.07 | TEH | TEC    |        | 3     | COLD | 610UL |
| 81  | 80  | 0.21  | 86  | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.20  | 109 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 81  | 82  | 0.20  | 122 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.14  | 126 | P2  | TWD | 7   | AV5      | +0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
| 81  | 84  | 0.20  | 117 | P2  | TWD | 9   | AV3      | +0.09 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.20  | 125 | P2  | TWD | 9   | AV4      | -0.13 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.19  | 102 | P2  | TWD | 9   | AV5      | +0.04 | TEH | TEC    |        | 2     | COLD | 610UL |
| 81  | 86  | 0.22  | 120 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.18  | 125 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
| 81  | 88  | 0.08  | 81  | P2  | TWD | 4   | AV2      | -0.07 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.13  | 137 | P2  | TWD | 5   | AV5      | +0.18 | TEH | TEC    |        | 7     | COLD | 610UL |
| 81  | 92  | 0.14  | 138 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.12  | 118 | P2  | TWD | 5   | AV4      | -0.11 | TEH | TEC    |        | 7     | COLD | 610UL |
| 81  | 94  | 0.11  | 116 | P2  | TWD | 5   | AV4      | -0.18 | TEH | TEC    |        | 7     | COLD | 610UL |
| 81  | 96  | 0.15  | 128 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.18  | 125 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.15  | 107 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 81  | 98  | 0.21  | 116 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.20  | 87  | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 82  | 69  | 0.12  | 81  | P2  | TWD | 5   | AV4      | -0.18 | TEH | TEC    |        | 9     | COLD | 610UL |
| 82  | 73  | 0.15  | 148 | P2  | TWD | 7   | AV2      | -0.07 | TEH | TEC    |        | 3     | COLD | 610UL |
| 82  | 75  | 0.15  | 133 | P2  | TWD | 7   | AV5      | +0.07 | TEH | TEC    |        | 3     | COLD | 610UL |
|     |     | 0.14  | 122 | P2  | TWD | 6   | AV6      | +0.09 | TEH | TEC    |        | 3     | COLD | 610UL |
| 82  | 85  | 0.20  | 125 | P2  | TWD | 8   | AV3      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
| 82  | 87  | 0.24  | 112 | P2  | TWD | 9   | AV4      | +0.07 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.17  | 59  | P2  | TWD | 7   | AV5      | +0.07 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.21  | 94  | P2  | TWD | 8   | AV6      | +0.09 | TEH | TEC    |        | 5     | COLD | 610UL |
| 82  | 89  | 0.11  | 65  | P2  | TWD | 5   | AV4      | -0.13 | TEH | TEC    |        | 7     | COLD | 610UL |
| 82  | 95  | 0.19  | 131 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.23  | 123 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 82  | 97  | 0.26  | 96  | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.23  | 107 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.18  | 110 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.15  | 85  | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.18  | 104 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 82  | 99  | 0.21  | 112 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 17    | COLD | 610UL |
| 82  | 109 | 0.16  | 119 | P2  | TWD | 6   | AV4      | +0.09 | TEH | TEC    |        | 23    | COLD | 610UL |
|     |     | 0.12  | 143 | P2  | TWD | 5   | AV3      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |
| 83  | 28  | 0.13  | 103 | P2  | TWD | 6   | AV5      | +0.17 | TEH | TEC    |        | 66    | COLD | 610UL |
| 83  | 58  | 0.15  | 110 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 15    | COLD | 610UL |
| 83  | 76  | 0.23  | 111 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 83  | 80  | 0.24  | 128 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
| 83  | 86  | 0.24  | 97  | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.21  | 90  | P2  | TWD | 8   | AV7      | -0.04 | TEH | TEC    |        | 5     | COLD | 610UL |
| 83  | 88  | 0.22  | 131 | P2  | TWD | 9   | AV3      | -0.07 | TEH | TEC    |        | 8     | COLD | 610UL |
| 83  | 94  | 0.23  | 132 | P2  | TWD | 9   | AV4      | +0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
| 83  | 98  | 0.12  | 116 | P2  | TWD | 5   | AV2      | -0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.12  | 86  | P2  | TWD | 5   | AV4      | +0.04 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.15  | 113 | P2  | TWD | 6   | AV6      | +0.11 | TEH | TEC    |        | 14    | COLD | 610UL |
| 83  | 100 | 0.12  | 138 | P2  | TWD | 5   | AV5      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
| 84  | 23  | 0.19  | 101 | P2  | TWD | 9   | AV3      | +0.02 | TEH | TEC    |        | 67    | COLD | 610UL |
| 84  | 75  | 0.18  | 113 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
|     |     | 0.18  | 88  | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 84  | 77  | 0.17  | 127 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 84  | 81  | 0.15  | 99  | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 84  | 83  | 0.33  | 92  | P2  | TWD | 13  | AV3      | -0.11 | TEH | TEC    |        | 2     | COLD | 610UL |
| 84  | 85  | 0.29  | 135 | P2  | TWD | 12  | AV4      | +0.09 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.17  | 123 | P2  | TWD | 8   | AV5      | +0.09 | TEH | TEC    |        | 2     | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 84  | 87  | 0.20  | 118 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.21  | 111 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
| 84  | 89  | 0.18  | 144 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
| 84  | 95  | 0.17  | 122 | P2  | TWD | 7   | AV1      | +0.04 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.31  | 124 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.27  | 129 | P2  | TWD | 10  | AV3      | +0.04 | TEH | TEC    |        | 14    | COLD | 610UL |
| 84  | 97  | 0.20  | 133 | P2  | TWD | 8   | AV2      | +0.04 | TEH | TEC    |        | 14    | COLD | 610UL |
| 84  | 99  | 0.12  | 108 | P2  | TWD | 5   | AV5      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.15  | 140 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
| 84  | 101 | 0.16  | 133 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.12  | 133 | P2  | TWD | 5   | AV5      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
| 85  | 70  | 0.13  | 142 | P2  | TWD | 5   | AV6      | +0.22 | TEH | TEC    |        | 9     | COLD | 610UL |
|     |     | 0.22  | 108 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 9     | COLD | 610UL |
| 85  | 86  | 0.12  | 116 | P2  | TWD | 5   | AV4      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.18  | 128 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.13  | 104 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
| 85  | 92  | 0.28  | 121 | P2  | TWD | 10  | AV2      | +0.04 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.12  | 133 | P2  | TWD | 5   | AV3      | -0.13 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.10  | 100 | P2  | TWD | 4   | AV4      | -0.13 | TEH | TEC    |        | 7     | COLD | 610UL |
| 85  | 96  | 0.20  | 120 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.15  | 86  | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 85  | 98  | 0.19  | 108 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 86  | 23  | 0.13  | 127 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 66    | COLD | 610UL |
| 86  | 71  | 0.13  | 127 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 9     | COLD | 610UL |
| 86  | 73  | 0.23  | 123 | P2  | TWD | 10  | AV4      | +0.02 | TEH | TEC    |        | 3     | COLD | 610UL |
| 86  | 81  | 0.16  | 114 | P2  | TWD | 7   | AV5      | +0.33 | TEH | TEC    |        | 1     | COLD | 610UL |
| 86  | 85  | 0.31  | 112 | P2  | TWD | 12  | AV2      | +0.04 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.26  | 120 | P2  | TWD | 10  | AV3      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.28  | 115 | P2  | TWD | 11  | AV4      | +0.09 | TEH | TEC    |        | 1     | COLD | 610UL |
| 86  | 87  | 0.27  | 101 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.27  | 95  | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.23  | 106 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.40  | 103 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.26  | 92  | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.20  | 60  | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
| 86  | 89  | 0.16  | 129 | P2  | TWD | 6   | AV4      | -0.13 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.17  | 92  | P2  | TWD | 7   | AV6      | +0.27 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.12  | 112 | P2  | TWD | 5   | AV7      | +0.22 | TEH | TEC    |        | 7     | COLD | 610UL |
| 86  | 95  | 0.21  | 130 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.18  | 100 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.18  | 127 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 86  | 97  | 0.15  | 130 | P2  | TWD | 6   | AV1      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.32  | 113 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 86  | 99  | 0.23  | 105 | P2  | TWD | 9   | AV6      | +0.02 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.16  | 135 | P2  | TWD | 7   | AV3      | +0.02 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.17  | 96  | P2  | TWD | 7   | AV1      | +0.02 | TEH | TEC    |        | 17    | COLD | 610UL |
| 87  | 70  | 0.14  | 62  | P2  | TWD | 7   | AV2      | +0.04 | TEH | TEC    |        | 10    | COLD | 610UL |
| 87  | 72  | 0.18  | 122 | P2  | TWD | 8   | AV2      | +0.07 | TEH | TEC    |        | 3     | COLD | 610UL |
|     |     | 0.16  | 134 | P2  | TWD | 7   | AV4      | -0.04 | TEH | TEC    |        | 3     | COLD | 610UL |
| 87  | 74  | 0.19  | 100 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
|     |     | 0.16  | 94  | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 87  | 76  | 0.18  | 141 | P2  | TWD | 8   | AV5      | +0.13 | TEH | TEC    |        | 4     | COLD | 610UL |
| 87  | 78  | 0.20  | 121 | P2  | TWD | 9   | AV4      | +0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
| 87  | 80  | 0.17  | 135 | P2  | TWD | 7   | AV5      | +0.02 | TEH | TEC    |        | 1     | COLD | 610UL |
| 87  | 82  | 0.16  | 133 | P2  | TWD | 7   | AV4      | +0.11 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.20  | 124 | P2  | TWD | 8   | AV7      | +0.02 | TEH | TEC    |        | 1     | COLD | 610UL |
| 87  | 84  | 0.16  | 113 | P2  | TWD | 7   | AV3      | +0.09 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.35  | 122 | P2  | TWD | 13  | AV4      | +0.11 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.28  | 127 | P2  | TWD | 11  | AV5      | +0.18 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.17  | 125 | P2  | TWD | 7   | AV6      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 87  | 86  | 0.30  | 86  | P2  | TWD | 11  | AV3      | +0.04 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.14  | 104 | P2  | TWD | 6   | AV4      | -0.07 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.42  | 115 | P2  | TWD | 14  | AV5      | -0.02 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.18  | 76  | P2  | TWD | 7   | AV6      | -0.02 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.16  | 93  | P2  | TWD | 6   | AV7      | -0.16 | TEH | TEC    |        | 5     | COLD | 610UL |
| 87  | 88  | 0.17  | 141 | P2  | TWD | 7   | AV3      | -0.09 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.15  | 126 | P2  | TWD | 6   | AV4      | -0.16 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.20  | 138 | P2  | TWD | 8   | AV5      | +0.11 | TEH | TEC    |        | 8     | COLD | 610UL |
| 87  | 90  | 0.12  | 119 | P2  | TWD | 5   | AV5      | +0.22 | TEH | TEC    |        | 7     | COLD | 610UL |
| 87  | 92  | 0.13  | 108 | P2  | TWD | 6   | AV4      | -0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
| 87  | 94  | 0.13  | 102 | P2  | TWD | 6   | AV4      | +0.07 | TEH | TEC    |        | 14    | COLD | 610UL |
| 87  | 96  | 0.12  | 116 | P2  | TWD | 5   | AV1      | +0.04 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.30  | 105 | P2  | TWD | 11  | AV2      | +0.09 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.35  | 107 | P2  | TWD | 13  | AV3      | -0.04 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.19  | 111 | P2  | TWD | 8   | AV4      | +0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
| 87  | 98  | 0.17  | 92  | P2  | TWD | 7   | AV8      | -0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
| 87  | 100 | 0.18  | 114 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.13  | 127 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.12  | 138 | P2  | TWD | 5   | AV7      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
| 88  | 29  | 0.11  | 121 | P2  | TWD | 5   | AV1      | +0.24 | TEH | TEC    |        | 66    | COLD | 610UL |
| 88  | 71  | 0.11  | 54  | P2  | TWD | 6   | AV6      | +0.17 | TEH | TEC    |        | 10    | COLD | 610UL |
| 88  | 73  | 0.30  | 111 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 88  | 75  | 0.18  | 107 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 88  | 79  | 0.12  | 111 | P2  | TWD | 6   | AV4      | +0.07 | TEH | TEC    |        | 2     | COLD | 610UL |
| 88  | 81  | 0.13  | 109 | P2  | TWD | 6   | AV6      | +0.07 | TEH | TEC    |        | 2     | COLD | 610UL |
| 88  | 85  | 0.41  | 116 | P2  | TWD | 16  | AV2      | +0.11 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.23  | 123 | P2  | TWD | 10  | AV3      | -0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.23  | 117 | P2  | TWD | 10  | AV4      | +0.07 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.20  | 144 | P2  | TWD | 9   | AV5      | +0.11 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.16  | 129 | P2  | TWD | 7   | AV7      | +0.04 | TEH | TEC    |        | 2     | COLD | 610UL |
| 88  | 87  | 0.20  | 125 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.17  | 105 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
| 88  | 89  | 0.17  | 136 | P2  | TWD | 7   | AV3      | +0.09 | TEH | TEC    |        | 8     | COLD | 610UL |
| 88  | 95  | 0.15  | 90  | P2  | TWD | 6   | AV3      | +0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.12  | 130 | P2  | TWD | 5   | AV4      | -0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.16  | 100 | P2  | TWD | 7   | AV6      | +0.07 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.19  | 115 | P2  | TWD | 8   | AV7      | +0.09 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.20  | 89  | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC    |        | 14    | COLD | 610UL |
| 88  | 97  | 0.24  | 124 | P2  | TWD | 10  | AV2      | +0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.34  | 113 | P2  | TWD | 13  | AV3      | +0.04 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.13  | 122 | P2  | TWD | 6   | AV4      | +0.09 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.11  | 111 | P2  | TWD | 5   | AV5      | +0.09 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.13  | 125 | P2  | TWD | 6   | AV6      | +0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
| 88  | 99  | 0.14  | 135 | P2  | TWD | 6   | AV1      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.12  | 139 | P2  | TWD | 5   | AV2      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.13  | 111 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.13  | 137 | P2  | TWD | 5   | AV7      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
| 88  | 105 | 0.15  | 131 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 20    | COLD | 610UL |
| 89  | 68  | 0.15  | 127 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 9     | COLD | 610UL |
|     |     | 0.17  | 133 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 9     | COLD | 610UL |
| 89  | 72  | 0.16  | 67  | P2  | TWD | 8   | AV1      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
|     |     | 0.16  | 113 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 89  | 74  | 0.21  | 137 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC    |        | 3     | COLD | 610UL |
| 89  | 76  | 0.20  | 140 | P2  | TWD | 9   | AV5      | +0.22 | TEH | TEC    |        | 3     | COLD | 610UL |
| 89  | 80  | 0.17  | 90  | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.24  | 79  | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.20  | 93  | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 89  | 82  | 0.34  | 120 | P2  | TWD | 14  | AV3      | +0.07 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.19  | 126 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    | LAR    | 2     | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 89  | 84  | 0.23  | 93  | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.14  | 96  | P2  | TWD | 7   | AV3      | +0.04 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.27  | 131 | P2  | TWD | 12  | AV4      | +0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.29  | 128 | P2  | TWD | 12  | AV5      | +0.04 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.26  | 125 | P2  | TWD | 11  | AV6      | +0.04 | TEH | TEC    |        | 2     | COLD | 610UL |
| 89  | 86  | 0.16  | 104 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.17  | 111 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.14  | 106 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.22  | 78  | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.17  | 136 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
| 89  | 88  | 0.18  | 136 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.22  | 130 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.26  | 117 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.18  | 113 | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
| 89  | 90  | 0.17  | 123 | P2  | TWD | 7   | AV6      | +0.13 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.21  | 106 | P2  | TWD | 8   | AV5      | +0.18 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.16  | 82  | P2  | TWD | 6   | AV4      | +0.04 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.19  | 105 | P2  | TWD | 7   | AV3      | +0.13 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.18  | 97  | P2  | TWD | 7   | AV2      | +0.15 | TEH | TEC    |        | 80    | COLD | 610UL |
| 89  | 92  | 0.11  | 119 | P2  | TWD | 5   | AV3      | -0.11 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.18  | 130 | P2  | TWD | 7   | AV5      | +0.16 | TEH | TEC    |        | 7     | COLD | 610UL |
| 89  | 94  | 0.17  | 60  | P2  | TWD | 7   | AV2      | +0.02 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.18  | 86  | P2  | TWD | 7   | AV3      | +0.11 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.14  | 90  | P2  | TWD | 6   | AV4      | +0.07 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.12  | 74  | P2  | TWD | 5   | AV5      | +0.09 | TEH | TEC    |        | 13    | COLD | 610UL |
| 89  | 96  | 0.17  | 101 | P2  | TWD | 7   | AV1      | -0.13 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.27  | 108 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.20  | 126 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.18  | 129 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.19  | 101 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.13  | 113 | P2  | TWD | 6   | AV7      | +0.11 | TEH | TEC    |        | 13    | COLD | 610UL |
| 89  | 98  | 0.40  | 128 | P2  | TWD | 14  | AV2      | +0.00 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.17  | 107 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.14  | 120 | P2  | TWD | 6   | AV6      | +0.04 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.19  | 121 | P2  | TWD | 8   | AV1      | +0.09 | TEH | TEC    |        | 17    | COLD | 610UL |
| 90  | 59  | 0.22  | 134 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 16    | COLD | 610UL |
| 90  | 69  | 0.15  | 102 | P2  | TWD | 6   | AV5      | -0.13 | TEH | TEC    |        | 9     | COLD | 610UL |
| 90  | 73  | 0.16  | 124 | P2  | TWD | 7   | AV4      | -0.07 | TEH | TEC    |        | 3     | COLD | 610UL |
|     |     | 0.18  | 108 | P2  | TWD | 8   | AV5      | -0.02 | TEH | TEC    |        | 3     | COLD | 610UL |
| 90  | 77  | 0.20  | 121 | P2  | TWD | 9   | AV6      | +0.15 | TEH | TEC    |        | 3     | COLD | 610UL |
| 90  | 83  | 0.20  | 136 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
| 90  | 85  | 0.34  | 131 | P2  | TWD | 13  | AV2      | +0.04 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.20  | 144 | P2  | TWD | 8   | AV4      | -0.04 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.27  | 136 | P2  | TWD | 11  | AV6      | +0.02 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.38  | 122 | P2  | TWD | 14  | AV7      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
| 90  | 87  | 0.26  | 71  | P2  | TWD | 10  | AV3      | +0.04 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.28  | 89  | P2  | TWD | 10  | AV4      | +0.09 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.31  | 75  | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.21  | 81  | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.29  | 104 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
| 90  | 89  | 0.19  | 89  | P2  | TWD | 7   | AV3      | +0.09 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.19  | 79  | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.19  | 105 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
| 90  | 91  | 0.23  | 118 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
| 90  | 93  | 0.24  | 127 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.11  | 151 | P2  | TWD | 5   | AV3      | -0.13 | TEH | TEC    |        | 7     | COLD | 610UL |
| 90  | 95  | 0.19  | 121 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.16  | 85  | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.15  | 93  | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.23  | 114 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.21  | 119 | P2  | TWD | 8   | AV5      | +0.02 | TEH | TEC    |        | 13    | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 90  | 97  | 0.36  | 105 | P2  | TWD | 13  | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.31  | 117 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.22  | 112 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.21  | 110 | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 91  | 76  | 0.21  | 116 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
|     |     | 0.21  | 112 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 91  | 78  | 0.12  | 113 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 91  | 82  | 0.16  | 115 | P2  | TWD | 7   | AV5      | -0.04 | TEH | TEC    |        | 1     | COLD | 610UL |
| 91  | 84  | 0.22  | 138 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.40  | 130 | P2  | TWD | 15  | AV4      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.27  | 113 | P2  | TWD | 11  | AV5      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.15  | 139 | P2  | TWD | 7   | AV6      | +0.09 | TEH | TEC    |        | 1     | COLD | 610UL |
| 91  | 86  | 0.39  | 94  | P2  | TWD | 13  | AV2      | +0.13 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.50  | 106 | P2  | TWD | 16  | AV3      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.26  | 112 | P2  | TWD | 9   | AV4      | +0.09 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.31  | 104 | P2  | TWD | 11  | AV5      | +0.09 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.22  | 111 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.20  | 47  | P2  | TWD | 8   | AV7      | +0.22 | TEH | TEC    |        | 5     | COLD | 610UL |
| 91  | 88  | 0.16  | 145 | P2  | TWD | 7   | AV5      | +0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.16  | 148 | P2  | TWD | 7   | AV6      | +0.16 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.19  | 143 | P2  | TWD | 8   | AV7      | -0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.15  | 130 | P2  | TWD | 7   | AV8      | +0.20 | TEH | TEC    |        | 8     | COLD | 610UL |
| 91  | 90  | 0.16  | 83  | P2  | TWD | 6   | AV3      | -0.09 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.22  | 126 | P2  | TWD | 8   | AV5      | +0.04 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.11  | 97  | P2  | TWD | 5   | AV6      | +0.24 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.19  | 115 | P2  | TWD | 7   | AV7      | +0.29 | TEH | TEC    |        | 7     | COLD | 610UL |
| 91  | 92  | 0.14  | 149 | P2  | TWD | 6   | AV3      | +0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.10  | 105 | P2  | TWD | 5   | AV4      | +0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.17  | 135 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.18  | 140 | P2  | TWD | 8   | AV6      | +0.15 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.16  | 110 | P2  | TWD | 7   | AV7      | +0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.26  | 130 | P2  | TWD | 10  | AV8      | +0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
| 91  | 94  | 0.15  | 113 | P2  | TWD | 6   | AV2      | +0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.14  | 104 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 14    | COLD | 610UL |
| 91  | 96  | 0.15  | 120 | P2  | TWD | 6   | AV1      | +0.07 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.14  | 134 | P2  | TWD | 6   | AV2      | +0.04 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.15  | 104 | P2  | TWD | 6   | AV3      | +0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
| 91  | 98  | 0.23  | 126 | P2  | TWD | 9   | AV1      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.12  | 133 | P2  | TWD | 5   | AV2      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.17  | 123 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.18  | 126 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
| 91  | 100 | 0.13  | 100 | P2  | TWD | 5   | AV4      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
| 92  | 73  | 0.15  | 129 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 92  | 75  | 0.16  | 62  | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 92  | 77  | 0.17  | 92  | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
|     |     | 0.25  | 120 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 92  | 79  | 0.12  | 131 | P2  | TWD | 6   | AV6      | +0.13 | TEH | TEC    |        | 2     | COLD | 610UL |
| 92  | 81  | 0.27  | 113 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.24  | 108 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.14  | 45  | P2  | TWD | 6   | AV8      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 92  | 83  | 0.13  | 108 | P2  | TWD | 6   | AV4      | +0.04 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.38  | 112 | P2  | TWD | 15  | AV5      | +0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
| 92  | 85  | 0.24  | 108 | P2  | TWD | 10  | AV2      | -0.09 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.15  | 116 | P2  | TWD | 7   | AV4      | +0.04 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.25  | 125 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.36  | 117 | P2  | TWD | 14  | AV6      | +0.09 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.43  | 117 | P2  | TWD | 16  | AV7      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 92  | 87  | 0.19  | 117 | P2  | TWD | 8   | AV1      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.28  | 112 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.18  | 123 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.21  | 106 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.25  | 129 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.22  | 123 | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 92  | 89  | 0.15  | 141 | P2  | TWD | 7   | AV3      | -0.24 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.13  | 140 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
| 92  | 91  | 0.20  | 134 | P2  | TWD | 8   | AV3      | +0.09 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.10  | 147 | P2  | TWD | 5   | AV4      | +0.04 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.15  | 149 | P2  | TWD | 6   | AV6      | +0.02 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
| 92  | 93  | 0.13  | 149 | P2  | TWD | 6   | AV4      | +0.07 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.15  | 146 | P2  | TWD | 7   | AV5      | +0.07 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.26  | 135 | P2  | TWD | 10  | AV6      | +0.13 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.12  | 127 | P2  | TWD | 5   | AV7      | +0.00 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
| 92  | 95  | 0.15  | 125 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.20  | 125 | P2  | TWD | 8   | AV3      | +0.07 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.36  | 116 | P2  | TWD | 13  | AV4      | +0.02 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.16  | 118 | P2  | TWD | 7   | AV5      | +0.11 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.23  | 117 | P2  | TWD | 9   | AV6      | +0.07 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
| 92  | 97  | 0.12  | 119 | P2  | TWD | 5   | AV2      | +0.07 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.15  | 78  | P2  | TWD | 6   | AV3      | +0.07 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.12  | 105 | P2  | TWD | 5   | AV4      | -0.02 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
| 92  | 99  | 0.15  | 128 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
|     |     | 0.14  | 119 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
|     |     | 0.15  | 135 | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
|     |     | 0.21  | 120 | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
| 92  | 101 | 0.17  | 109 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
|     |     | 0.21  | 136 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
| 93  | 72  | 0.15  | 111 | P2  | TWD | 7   | AV5      | +0.02 | TEH | TEC  |   |      |   | 4   |   | COLD | 610UL |
|     |     | 0.14  | 100 | P2  | TWD | 7   | AV6      | +0.04 | TEH | TEC  |   |      |   | 4   |   | COLD | 610UL |
| 93  | 74  | 0.18  | 135 | P2  | TWD | 8   | AV4      | +0.04 | TEH | TEC  |   |      |   | 3   |   | COLD | 610UL |
|     |     | 0.14  | 134 | P2  | TWD | 6   | AV2      | +0.04 | TEH | TEC  |   |      |   | 3   |   | COLD | 610UL |
| 93  | 76  | 0.15  | 133 | P2  | TWD | 7   | AV6      | +0.22 | TEH | TEC  |   |      |   | 3   |   | COLD | 610UL |
| 93  | 80  | 0.16  | 106 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.17  | 109 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.17  | 118 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
| 93  | 82  | 0.20  | 97  | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.18  | 68  | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.20  | 121 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.25  | 107 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
| 93  | 84  | 0.25  | 114 | P2  | TWD | 11  | AV2      | -0.09 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.28  | 109 | P2  | TWD | 11  | AV4      | +0.07 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.22  | 98  | P2  | TWD | 9   | AV5      | +0.09 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.23  | 131 | P2  | TWD | 10  | AV6      | +0.15 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.23  | 88  | P2  | TWD | 10  | AV7      | +0.04 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.21  | 105 | P2  | TWD | 9   | AV8      | +0.11 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
| 93  | 86  | 0.17  | 75  | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.39  | 101 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.31  | 107 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.26  | 117 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.20  | 101 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.32  | 105 | P2  | TWD | 12  | AV7      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
| 93  | 88  | 0.25  | 106 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.29  | 123 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.29  | 127 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.30  | 120 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.17  | 132 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
| 93  | 90  | 0.17  | 116 | P2  | TWD | 7   | AV2      | +0.04 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.14  | 105 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.21  | 126 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.19  | 102 | P2  | TWD | 8   | AV7      | +0.11 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
| 93  | 92  | 0.15  | 67  | P2  | TWD | 6   | AV2      | +0.29 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.18  | 137 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.13  | 117 | P2  | TWD | 5   | AV6      | +0.18 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND    | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |       |
|-----|-----|-------|-----|-----|--------|-----|----------|-------|-----|--------|--------|-------|-----|-------|-------|
| 93  | 94  | 0.19  | 115 | P2  | TWD 7  |     | AV2      | +0.00 | TEH | TEC    |        |       | 13  | COLD  | 610UL |
|     |     | 0.43  | 118 | P2  | TWD 14 |     | AV3      | +0.00 | TEH | TEC    |        |       | 13  | COLD  | 610UL |
|     |     | 0.17  | 112 | P2  | TWD 7  |     | AV4      | +0.00 | TEH | TEC    |        |       | 13  | COLD  | 610UL |
|     |     | 0.19  | 124 | P2  | TWD 7  |     | AV5      | +0.00 | TEH | TEC    |        |       | 13  | COLD  | 610UL |
|     |     | 0.33  | 111 | P2  | TWD 12 |     | AV6      | +0.00 | TEH | TEC    |        |       | 13  | COLD  | 610UL |
|     |     | 0.18  | 76  | P2  | TWD 7  |     | AV7      | +0.00 | TEH | TEC    |        |       | 13  | COLD  | 610UL |
|     |     | 0.14  | 110 | P2  | TWD 6  |     | AV1      | -0.04 | TEH | TEC    |        |       | 13  | COLD  | 610UL |
| 93  | 96  | 0.19  | 90  | P2  | TWD 8  |     | AV3      | +0.00 | TEH | TEC    |        |       | 13  | COLD  | 610UL |
| 93  | 98  | 0.17  | 132 | P2  | TWD 7  |     | AV2      | +0.00 | TEH | TEC    |        |       | 17  | COLD  | 610UL |
|     |     | 0.32  | 118 | P2  | TWD 12 |     | AV3      | +0.00 | TEH | TEC    |        |       | 17  | COLD  | 610UL |
|     |     | 0.15  | 115 | P2  | TWD 7  |     | AV4      | +0.00 | TEH | TEC    |        |       | 17  | COLD  | 610UL |
|     |     | 0.30  | 112 | P2  | TWD 12 |     | AV7      | +0.00 | TEH | TEC    |        |       | 17  | COLD  | 610UL |
| 93  | 100 | 0.21  | 112 | P2  | TWD 8  |     | AV2      | +0.00 | TEH | TEC    |        |       | 17  | COLD  | 610UL |
|     |     | 0.25  | 113 | P2  | TWD 10 |     | AV7      | +0.09 | TEH | TEC    |        |       | 17  | COLD  | 610UL |
| 93  | 104 | 0.15  | 110 | P2  | TWD 7  |     | AV3      | +0.00 | TEH | TEC    |        |       | 20  | COLD  | 610UL |
| 93  | 112 | 0.15  | 104 | P2  | TWD 7  |     | AV4      | -0.04 | TEH | TEC    |        |       | 27  | COLD  | 610UL |
| 94  | 69  | 0.14  | 126 | P2  | TWD 6  |     | AV3      | +0.00 | TEH | TEC    |        |       | 9   | COLD  | 610UL |
| 94  | 73  | 0.22  | 134 | P2  | TWD 9  |     | AV1      | +0.00 | TEH | TEC    |        |       | 3   | COLD  | 610UL |
| 94  | 81  | 0.15  | 100 | P2  | TWD 6  |     | AV3      | +0.22 | TEH | TEC    |        |       | 1   | COLD  | 610UL |
|     |     | 0.29  | 126 | P2  | TWD 11 |     | AV4      | +0.00 | TEH | TEC    |        |       | 1   | COLD  | 610UL |
|     |     | 0.28  | 115 | P2  | TWD 11 |     | AV6      | +0.13 | TEH | TEC    |        |       | 1   | COLD  | 610UL |
| 94  | 83  | 0.19  | 143 | P2  | TWD 8  |     | AV3      | +0.00 | TEH | TEC    |        |       | 1   | COLD  | 610UL |
|     |     | 0.27  | 121 | P2  | TWD 11 |     | AV5      | +0.18 | TEH | TEC    |        |       | 1   | COLD  | 610UL |
|     |     | 0.24  | 113 | P2  | TWD 10 |     | AV4      | +0.15 | TEH | TEC    |        |       | 1   | COLD  | 610UL |
|     |     | 0.17  | 114 | P2  | TWD 7  |     | AV8      | +0.00 | TEH | TEC    |        |       | 1   | COLD  | 610UL |
| 94  | 85  | 0.19  | 128 | P2  | TWD 8  |     | AV1      | +0.04 | TEH | TEC    |        |       | 1   | COLD  | 610UL |
|     |     | 0.52  | 124 | P2  | TWD 17 |     | AV2      | +0.07 | TEH | TEC    |        |       | 1   | COLD  | 610UL |
|     |     | 0.24  | 124 | P2  | TWD 10 |     | AV3      | +0.04 | TEH | TEC    |        |       | 1   | COLD  | 610UL |
|     |     | 0.23  | 137 | P2  | TWD 10 |     | AV4      | +0.07 | TEH | TEC    |        |       | 1   | COLD  | 610UL |
|     |     | 0.22  | 134 | P2  | TWD 9  |     | AV7      | +0.04 | TEH | TEC    |        |       | 1   | COLD  | 610UL |
| 94  | 87  | 0.17  | 81  | P2  | TWD 7  |     | AV2      | +0.02 | TEH | TEC    |        |       | 5   | COLD  | 610UL |
|     |     | 0.32  | 93  | P2  | TWD 11 |     | AV3      | +0.13 | TEH | TEC    |        |       | 5   | COLD  | 610UL |
|     |     | 0.35  | 100 | P2  | TWD 12 |     | AV4      | +0.09 | TEH | TEC    |        |       | 5   | COLD  | 610UL |
|     |     | 0.35  | 117 | P2  | TWD 12 |     | AV5      | +0.09 | TEH | TEC    |        |       | 5   | COLD  | 610UL |
|     |     | 0.31  | 102 | P2  | TWD 11 |     | AV6      | +0.04 | TEH | TEC    |        |       | 5   | COLD  | 610UL |
|     |     | 0.32  | 88  | P2  | TWD 11 |     | AV7      | -0.02 | TEH | TEC    |        |       | 5   | COLD  | 610UL |
| 94  | 89  | 0.16  | 112 | P2  | TWD 6  |     | AV2      | -0.13 | TEH | TEC    |        |       | 7   | COLD  | 610UL |
|     |     | 0.23  | 118 | P2  | TWD 9  |     | AV3      | +0.07 | TEH | TEC    |        |       | 7   | COLD  | 610UL |
|     |     | 0.12  | 108 | P2  | TWD 5  |     | AV4      | -0.11 | TEH | TEC    |        |       | 7   | COLD  | 610UL |
|     |     | 0.13  | 126 | P2  | TWD 5  |     | AV5      | +0.22 | TEH | TEC    |        |       | 7   | COLD  | 610UL |
|     |     | 0.14  | 92  | P2  | TWD 6  |     | AV7      | +0.24 | TEH | TEC    |        |       | 7   | COLD  | 610UL |
| 94  | 91  | 0.21  | 132 | P2  | TWD 8  |     | AV6      | +0.11 | TEH | TEC    |        |       | 7   | COLD  | 610UL |
|     |     | 0.13  | 130 | P2  | TWD 5  |     | AV7      | -0.11 | TEH | TEC    |        |       | 7   | COLD  | 610UL |
| 94  | 93  | 0.10  | 42  | P2  | TWD 4  |     | AV2      | -0.13 | TEH | TEC    |        |       | 7   | COLD  | 610UL |
|     |     | 0.22  | 108 | P2  | TWD 8  |     | AV4      | +0.00 | TEH | TEC    |        |       | 7   | COLD  | 610UL |
| 94  | 95  | 0.40  | 126 | P2  | TWD 14 |     | AV2      | +0.00 | TEH | TEC    |        |       | 13  | COLD  | 610UL |
|     |     | 0.29  | 110 | P2  | TWD 11 |     | AV3      | +0.00 | TEH | TEC    |        |       | 13  | COLD  | 610UL |
|     |     | 0.40  | 115 | P2  | TWD 14 |     | AV4      | +0.00 | TEH | TEC    |        |       | 13  | COLD  | 610UL |
|     |     | 0.17  | 112 | P2  | TWD 7  |     | AV5      | +0.00 | TEH | TEC    |        |       | 13  | COLD  | 610UL |
| 94  | 97  | 0.35  | 113 | P2  | TWD 12 |     | AV2      | +0.00 | TEH | TEC    |        |       | 13  | COLD  | 610UL |
|     |     | 0.17  | 102 | P2  | TWD 7  |     | AV3      | +0.00 | TEH | TEC    |        |       | 13  | COLD  | 610UL |
| 94  | 99  | 0.22  | 94  | P2  | TWD 9  |     | AV3      | +0.09 | TEH | TEC    |        |       | 17  | COLD  | 610UL |
|     |     | 0.21  | 130 | P2  | TWD 8  |     | AV4      | +0.00 | TEH | TEC    |        |       | 17  | COLD  | 610UL |
|     |     | 0.23  | 118 | P2  | TWD 9  |     | AV5      | +0.09 | TEH | TEC    |        |       | 17  | COLD  | 610UL |
|     |     | 0.29  | 121 | P2  | TWD 11 |     | AV6      | +0.02 | TEH | TEC    |        |       | 17  | COLD  | 610UL |
| 94  | 105 | 0.14  | 110 | P2  | TWD 6  |     | AV2      | -0.04 | TEH | TEC    |        |       | 19  | COLD  | 610UL |
| 95  | 80  | 0.17  | 102 | P2  | TWD 7  |     | AV5      | +0.02 | TEH | TEC    |        |       | 1   | COLD  | 610UL |
| 95  | 84  | 0.31  | 137 | P2  | TWD 12 |     | AV2      | +0.02 | TEH | TEC    |        |       | 1   | COLD  | 610UL |
|     |     | 0.40  | 128 | P2  | TWD 15 |     | AV3      | +0.02 | TEH | TEC    |        |       | 1   | COLD  | 610UL |
|     |     | 0.43  | 118 | P2  | TWD 15 |     | AV4      | +0.09 | TEH | TEC    |        |       | 1   | COLD  | 610UL |
|     |     | 0.27  | 134 | P2  | TWD 11 |     | AV5      | +0.00 | TEH | TEC    |        |       | 1   | COLD  | 610UL |
|     |     | 0.35  | 128 | P2  | TWD 13 |     | AV7      | +0.07 | TEH | TEC    |        |       | 1   | COLD  | 610UL |
|     |     | 0.25  | 127 | P2  | TWD 10 |     | AV8      | +0.27 | TEH | TEC    |        |       | 1   | COLD  | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 95  | 86  | 0.55  | 109 | P2  | TWD | 17  | AV2      | +0.09 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.47  | 113 | P2  | TWD | 15  | AV4      | +0.09 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.33  | 105 | P2  | TWD | 12  | AV5      | +0.18 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.28  | 93  | P2  | TWD | 10  | AV6      | +0.02 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.46  | 115 | P2  | TWD | 15  | AV7      | -0.02 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.22  | 59  | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
| 95  | 88  | 0.26  | 133 | P2  | TWD | 10  | AV2      | +0.09 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.18  | 143 | P2  | TWD | 8   | AV3      | +0.09 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.20  | 142 | P2  | TWD | 9   | AV5      | +0.11 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.36  | 130 | P2  | TWD | 13  | AV6      | +0.07 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.30  | 128 | P2  | TWD | 11  | AV7      | +0.09 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.19  | 141 | P2  | TWD | 8   | AV8      | +0.13 | TEH | TEC    |        | 8     | COLD | 610UL |
| 95  | 90  | 0.18  | 103 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.22  | 119 | P2  | TWD | 8   | AV5      | +0.16 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.14  | 120 | P2  | TWD | 6   | AV6      | +0.16 | TEH | TEC    |        | 7     | COLD | 610UL |
| 95  | 92  | 0.16  | 141 | P2  | TWD | 7   | AV2      | +0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.17  | 137 | P2  | TWD | 7   | AV4      | +0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.11  | 108 | P2  | TWD | 5   | AV6      | -0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
| 95  | 94  | 0.27  | 118 | P2  | TWD | 10  | AV1      | +0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.30  | 120 | P2  | TWD | 11  | AV2      | +0.04 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.26  | 108 | P2  | TWD | 10  | AV3      | -0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.20  | 106 | P2  | TWD | 8   | AV6      | +0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.12  | 128 | P2  | TWD | 5   | AV7      | +0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
| 95  | 96  | 0.12  | 115 | P2  | TWD | 5   | AV2      | +0.22 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.23  | 101 | P2  | TWD | 9   | AV3      | -0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
| 95  | 98  | 0.21  | 136 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.18  | 136 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
| 95  | 100 | 0.26  | 130 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.30  | 132 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.26  | 95  | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.17  | 121 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
| 96  | 59  | 0.14  | 124 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 15    | COLD | 610UL |
| 96  | 73  | 0.26  | 98  | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
|     |     | 0.18  | 117 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 96  | 75  | 0.14  | 94  | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 96  | 79  | 0.18  | 112 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.15  | 86  | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 96  | 81  | 0.19  | 120 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.17  | 95  | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.16  | 110 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.16  | 85  | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 96  | 83  | 0.29  | 102 | P2  | TWD | 12  | AV1      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.18  | 43  | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.18  | 67  | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.29  | 98  | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.27  | 116 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.21  | 80  | P2  | TWD | 9   | AV8      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 96  | 85  | 0.38  | 115 | P2  | TWD | 15  | AV4      | +0.04 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.21  | 97  | P2  | TWD | 9   | AV5      | +0.13 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.37  | 106 | P2  | TWD | 14  | AV6      | +0.09 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.17  | 72  | P2  | TWD | 8   | AV8      | -0.07 | TEH | TEC    |        | 2     | COLD | 610UL |
| 96  | 87  | 0.29  | 108 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.39  | 106 | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.23  | 121 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.17  | 121 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.34  | 107 | P2  | TWD | 12  | AV6      | +0.18 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.34  | 105 | P2  | TWD | 12  | AV7      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
| 96  | 89  | 0.15  | 119 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.18  | 129 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.22  | 133 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.23  | 135 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.16  | 101 | P2  | TWD | 7   | AV8      | +0.18 | TEH | TEC    |        | 8     | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 96  | 91  | 0.10  | 90  | P2  | TWD | 5   | AV1      | +0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.15  | 114 | P2  | TWD | 7   | AV2      | +0.07 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.15  | 114 | P2  | TWD | 6   | AV3      | -0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.13  | 148 | P2  | TWD | 6   | AV4      | -0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.14  | 138 | P2  | TWD | 6   | AV5      | +0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
| 96  | 93  | 0.25  | 136 | P2  | TWD | 10  | AV2      | +0.07 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.10  | 152 | P2  | TWD | 5   | AV3      | +0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.18  | 126 | P2  | TWD | 8   | AV4      | +0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.14  | 123 | P2  | TWD | 6   | AV8      | +0.07 | TEH | TEC    |        | 8     | COLD | 610UL |
| 96  | 95  | 0.15  | 126 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.14  | 110 | P2  | TWD | 6   | AV3      | +0.04 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.23  | 120 | P2  | TWD | 9   | AV5      | +0.07 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.24  | 108 | P2  | TWD | 10  | AV6      | +0.07 | TEH | TEC    |        | 14    | COLD | 610UL |
| 96  | 97  | 0.34  | 104 | P2  | TWD | 13  | AV3      | +0.04 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.11  | 128 | P2  | TWD | 5   | AV4      | +0.13 | TEH | TEC    |        | 14    | COLD | 610UL |
| 97  | 58  | 0.21  | 128 | P2  | TWD | 9   | AV4      | +0.04 | TEH | TEC    |        | 16    | COLD | 610UL |
|     |     | 0.17  | 132 | P2  | TWD | 8   | AV5      | +0.04 | TEH | TEC    |        | 16    | COLD | 610UL |
| 97  | 60  | 0.18  | 117 | P2  | TWD | 8   | AV5      | +0.11 | TEH | TEC    |        | 16    | COLD | 610UL |
|     |     | 0.17  | 137 | P2  | TWD | 8   | AV3      | +0.04 | TEH | TEC    |        | 16    | COLD | 610UL |
| 97  | 70  | 0.12  | 113 | P2  | TWD | 5   | AV2      | +0.00 | TEH | TEC    |        | 9     | COLD | 610UL |
| 97  | 82  | 0.19  | 90  | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.19  | 82  | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.17  | 101 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.27  | 103 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.17  | 82  | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 97  | 84  | 0.32  | 92  | P2  | TWD | 13  | AV2      | +0.07 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.35  | 100 | P2  | TWD | 14  | AV3      | -0.09 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.23  | 106 | P2  | TWD | 10  | AV4      | +0.07 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.37  | 109 | P2  | TWD | 14  | AV5      | -0.07 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.44  | 127 | P2  | TWD | 16  | AV6      | -0.07 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.27  | 102 | P2  | TWD | 11  | AV7      | +0.18 | TEH | TEC    |        | 2     | COLD | 610UL |
| 97  | 86  | 0.33  | 112 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.48  | 118 | P2  | TWD | 16  | AV4      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.27  | 125 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.30  | 118 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.19  | 125 | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
| 97  | 88  | 0.13  | 133 | P2  | TWD | 5   | AV5      | +0.20 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.27  | 130 | P2  | TWD | 10  | AV6      | +0.07 | TEH | TEC    |        | 7     | COLD | 610UL |
| 97  | 90  | 0.14  | 88  | P2  | TWD | 6   | AV7      | +0.09 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.19  | 91  | P2  | TWD | 7   | AV6      | +0.15 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.19  | 91  | P2  | TWD | 7   | AV5      | +0.13 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.16  | 120 | P2  | TWD | 6   | AV4      | +0.11 | TEH | TEC    |        | 80    | COLD | 610UL |
| 97  | 92  | 0.24  | 117 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.14  | 73  | P2  | TWD | 6   | AV6      | +0.27 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.12  | 65  | P2  | TWD | 5   | AV7      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.23  | 95  | P2  | TWD | 9   | AV8      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
| 97  | 94  | 0.17  | 115 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.20  | 80  | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.23  | 111 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.24  | 101 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 97  | 96  | 0.18  | 127 | P2  | TWD | 7   | AV1      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.17  | 104 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.19  | 86  | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 97  | 98  | 0.16  | 140 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.26  | 127 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.20  | 120 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.19  | 124 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.19  | 90  | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 17    | COLD | 610UL |
| 97  | 100 | 0.21  | 89  | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.20  | 104 | P2  | TWD | 8   | AV5      | +0.07 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.28  | 113 | P2  | TWD | 11  | AV6      | +0.04 | TEH | TEC    |        | 17    | COLD | 610UL |
| 98  | 67  | 0.14  | 127 | P2  | TWD | 6   | AV1      | +0.00 | TEH | TEC    |        | 9     | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 98  | 69  | 0.14  | 117 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 9     | COLD | 610UL |
| 98  | 81  | 0.22  | 116 | P2  | TWD | 9   | AV3      | +0.02 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.15  | 115 | P2  | TWD | 6   | AV4      | -0.04 | TEH | TEC    |        | 1     | COLD | 610UL |
| 98  | 83  | 0.36  | 116 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.34  | 113 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.48  | 119 | P2  | TWD | 16  | AV5      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
| 98  | 85  | 0.17  | 135 | P2  | TWD | 7   | AV1      | +0.02 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.52  | 126 | P2  | TWD | 18  | AV2      | +0.04 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.33  | 118 | P2  | TWD | 13  | AV3      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.31  | 132 | P2  | TWD | 12  | AV4      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.17  | 138 | P2  | TWD | 7   | AV6      | +0.09 | TEH | TEC    |        | 1     | COLD | 610UL |
| 98  | 87  | 0.27  | 106 | P2  | TWD | 10  | AV3      | +0.11 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.30  | 122 | P2  | TWD | 11  | AV4      | -0.04 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.37  | 108 | P2  | TWD | 13  | AV5      | +0.09 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.50  | 110 | P2  | TWD | 16  | AV6      | +0.20 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.52  | 106 | P2  | TWD | 16  | AV7      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.34  | 80  | P2  | TWD | 12  | AV8      | -0.07 | TEH | TEC    |        | 5     | COLD | 610UL |
| 98  | 89  | 0.20  | 111 | P2  | TWD | 8   | AV6      | +0.07 | TEH | TEC    |        | 7     | COLD | 610UL |
| 98  | 91  | 0.28  | 109 | P2  | TWD | 10  | AV3      | +0.02 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.25  | 123 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
| 98  | 93  | 0.09  | 122 | P2  | TWD | 4   | AV1      | -0.20 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.17  | 128 | P2  | TWD | 7   | AV2      | +0.02 | TEH | TEC    |        | 7     | COLD | 610UL |
| 98  | 95  | 0.16  | 124 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.23  | 112 | P2  | TWD | 9   | AV8      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 98  | 97  | 0.41  | 111 | P2  | TWD | 14  | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 98  | 99  | 0.19  | 118 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 17    | COLD | 610UL |
| 98  | 101 | 0.20  | 125 | P2  | TWD | 8   | AV7      | +0.09 | TEH | TEC    |        | 17    | COLD | 610UL |
| 98  | 103 | 0.14  | 84  | P2  | TWD | 6   | AV2      | +0.18 | TEH | TEC    |        | 19    | COLD | 610UL |
| 99  | 68  | 0.15  | 70  | P2  | TWD | 8   | AV2      | +0.02 | TEH | TEC    |        | 10    | COLD | 610UL |
|     |     | 0.12  | 120 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 10    | COLD | 610UL |
| 99  | 72  | 0.15  | 127 | P2  | TWD | 7   | AV5      | +0.13 | TEH | TEC    |        | 3     | COLD | 610UL |
| 99  | 76  | 0.16  | 99  | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 99  | 82  | 0.45  | 130 | P2  | TWD | 16  | AV3      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
| 99  | 84  | 0.35  | 125 | P2  | TWD | 13  | AV2      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.34  | 123 | P2  | TWD | 13  | AV3      | +0.04 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.34  | 116 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.31  | 135 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.49  | 130 | P2  | TWD | 17  | AV6      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
| 99  | 86  | 0.25  | 87  | P2  | TWD | 9   | AV1      | +0.09 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.63  | 113 | P2  | TWD | 19  | AV4      | +0.07 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.41  | 104 | P2  | TWD | 14  | AV5      | +0.11 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.41  | 107 | P2  | TWD | 14  | AV6      | +0.02 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.28  | 99  | P2  | TWD | 10  | AV8      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
| 99  | 88  | 0.16  | 133 | P2  | TWD | 7   | AV3      | +0.09 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.18  | 125 | P2  | TWD | 8   | AV4      | +0.16 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.21  | 142 | P2  | TWD | 9   | AV5      | +0.11 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.27  | 141 | P2  | TWD | 11  | AV6      | +0.18 | TEH | TEC    |        | 8     | COLD | 610UL |
| 99  | 90  | 0.16  | 131 | P2  | TWD | 6   | AV4      | -0.18 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.16  | 122 | P2  | TWD | 6   | AV5      | +0.13 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.11  | 83  | P2  | TWD | 5   | AV6      | +0.22 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.25  | 128 | P2  | TWD | 9   | AV7      | +0.04 | TEH | TEC    |        | 7     | COLD | 610UL |
| 99  | 92  | 0.17  | 130 | P2  | TWD | 7   | AV1      | +0.13 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.39  | 123 | P2  | TWD | 14  | AV2      | +0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.25  | 132 | P2  | TWD | 10  | AV3      | +0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.41  | 128 | P2  | TWD | 15  | AV4      | +0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.23  | 136 | P2  | TWD | 9   | AV6      | +0.16 | TEH | TEC    |        | 8     | COLD | 610UL |
| 99  | 94  | 0.12  | 96  | P2  | TWD | 5   | AV1      | +0.04 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.24  | 120 | P2  | TWD | 9   | AV2      | -0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.32  | 105 | P2  | TWD | 12  | AV3      | +0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.13  | 112 | P2  | TWD | 6   | AV6      | +0.04 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.16  | 107 | P2  | TWD | 7   | AV7      | +0.07 | TEH | TEC    |        | 14    | COLD | 610UL |
| 99  | 96  | 0.11  | 138 | P2  | TWD | 5   | AV1      | -0.02 | TEH | TEC    |        | 14    | COLD | 610UL |

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Steam Generator Tube Inspection Report  
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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 99  | 102 | 0.17  | 133 | P2  | TWD | 7   | AV1      | +0.00 | TEH | TEC  |   |      |   | 20  |   | COLD | 610UL |
|     |     | 0.10  | 118 | P2  | TWD | 5   | AV2      | +0.00 | TEH | TEC  |   |      |   | 20  |   | COLD | 610UL |
| 100 | 79  | 0.20  | 90  | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.20  | 95  | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
| 100 | 81  | 0.28  | 89  | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.15  | 108 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.23  | 109 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.22  | 102 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
| 100 | 83  | 0.18  | 58  | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.47  | 116 | P2  | TWD | 17  | AV3      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.57  | 121 | P2  | TWD | 19  | AV4      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.20  | 91  | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.18  | 113 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.21  | 91  | P2  | TWD | 9   | AV8      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
| 100 | 85  | 0.27  | 96  | P2  | TWD | 11  | AV2      | -0.07 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.36  | 113 | P2  | TWD | 14  | AV3      | -0.02 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.20  | 79  | P2  | TWD | 9   | AV6      | +0.11 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.32  | 98  | P2  | TWD | 13  | AV7      | +0.07 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.23  | 111 | P2  | TWD | 10  | AV4      | +0.11 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
| 100 | 87  | 0.26  | 119 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.26  | 131 | P2  | TWD | 10  | AV6      | +0.22 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.17  | 103 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
| 100 | 89  | 0.16  | 135 | P2  | TWD | 7   | AV3      | -0.04 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.25  | 136 | P2  | TWD | 10  | AV4      | -0.20 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
| 100 | 91  | 0.13  | 151 | P2  | TWD | 6   | AV7      | +0.02 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
| 100 | 95  | 0.14  | 101 | P2  | TWD | 6   | AV2      | +0.02 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.13  | 67  | P2  | TWD | 6   | AV3      | +0.09 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.17  | 115 | P2  | TWD | 7   | AV4      | +0.07 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.20  | 106 | P2  | TWD | 8   | AV5      | +0.02 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.27  | 100 | P2  | TWD | 10  | AV7      | +0.02 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
| 100 | 97  | 0.28  | 127 | P2  | TWD | 11  | AV2      | +0.09 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.24  | 110 | P2  | TWD | 9   | AV3      | +0.07 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.12  | 127 | P2  | TWD | 5   | AV7      | +0.00 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
| 100 | 99  | 0.23  | 124 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
|     |     | 0.25  | 131 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
|     |     | 0.62  | 118 | P2  | TWD | 19  | AV4      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
|     |     | 0.16  | 136 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
| 100 | 103 | 0.14  | 124 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 20  |   | COLD | 610UL |
| 101 | 82  | 0.42  | 117 | P2  | TWD | 16  | AV2      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.35  | 93  | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.40  | 123 | P2  | TWD | 15  | AV4      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.37  | 123 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.17  | 90  | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.26  | 110 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
| 101 | 84  | 0.16  | 74  | P2  | TWD | 7   | AV1      | +0.04 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.52  | 106 | P2  | TWD | 18  | AV4      | +0.37 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.19  | 118 | P2  | TWD | 8   | AV5      | +0.09 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.39  | 106 | P2  | TWD | 15  | AV6      | -0.26 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.48  | 110 | P2  | TWD | 17  | AV7      | -0.07 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.28  | 113 | P2  | TWD | 12  | AV8      | -0.02 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
| 101 | 86  | 0.27  | 112 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.30  | 101 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.39  | 108 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.21  | 130 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.40  | 111 | P2  | TWD | 14  | AV7      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
| 101 | 88  | 0.10  | 77  | P2  | TWD | 4   | AV2      | -0.13 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.21  | 116 | P2  | TWD | 8   | AV5      | +0.11 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.22  | 120 | P2  | TWD | 8   | AV6      | +0.07 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 101 | 90  | 0.26  | 90  | P2  | TWD | 10  | AV8      | +0.07 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.16  | 98  | P2  | TWD | 6   | AV7      | +0.13 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.14  | 110 | P2  | TWD | 6   | AV6      | +0.17 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.39  | 108 | P2  | TWD | 13  | AV5      | +0.13 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.17  | 88  | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.16  | 95  | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
| 101 | 92  | 0.22  | 122 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.30  | 101 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.18  | 125 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.10  | 93  | P2  | TWD | 4   | AV6      | +0.20 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.19  | 109 | P2  | TWD | 7   | AV7      | -0.22 | TEH | TEC    |        | 7     | COLD | 610UL |
| 101 | 94  | 0.17  | 108 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.18  | 74  | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.24  | 104 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.19  | 110 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 101 | 96  | 0.31  | 108 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.25  | 104 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.15  | 122 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.19  | 124 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 101 | 98  | 0.24  | 121 | P2  | TWD | 10  | AV1      | +0.02 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.34  | 125 | P2  | TWD | 13  | AV2      | +0.00 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.27  | 113 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.16  | 93  | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC    |        | 17    | COLD | 610UL |
| 101 | 100 | 0.21  | 111 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 17    | COLD | 610UL |
| 101 | 104 | 0.17  | 125 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 20    | COLD | 610UL |
|     |     | 0.15  | 108 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 20    | COLD | 610UL |
| 101 | 112 | 0.14  | 108 | P2  | TWD | 6   | AV2      | +0.20 | TEH | TEC    |        | 27    | COLD | 610UL |
|     |     | 0.13  | 108 | P2  | TWD | 6   | AV3      | +0.09 | TEH | TEC    |        | 27    | COLD | 610UL |
| 102 | 65  | 0.16  | 109 | P2  | TWD | 7   | AV4      | +0.07 | TEH | TEC    |        | 11    | COLD | 610UL |
| 102 | 73  | 0.16  | 101 | P2  | TWD | 7   | AV5      | -0.02 | TEH | TEC    |        | 3     | COLD | 610UL |
| 102 | 75  | 0.15  | 128 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 3     | COLD | 610UL |
| 102 | 81  | 0.35  | 107 | P2  | TWD | 13  | AV3      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.24  | 136 | P2  | TWD | 10  | AV4      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.21  | 140 | P2  | TWD | 9   | AV5      | +0.09 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.35  | 124 | P2  | TWD | 13  | AV6      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.17  | 122 | P2  | TWD | 7   | AV7      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
| 102 | 83  | 0.31  | 123 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.27  | 130 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
| 102 | 85  | 0.28  | 130 | P2  | TWD | 11  | AV1      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.35  | 124 | P2  | TWD | 13  | AV2      | +0.09 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.42  | 130 | P2  | TWD | 15  | AV6      | +0.11 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.61  | 127 | P2  | TWD | 19  | AV7      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.17  | 117 | P2  | TWD | 7   | AV4      | +0.04 | TEH | TEC    |        | 1     | COLD | 610UL |
| 102 | 87  | 0.21  | 103 | P2  | TWD | 8   | AV1      | -0.07 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.27  | 108 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.43  | 108 | P2  | TWD | 14  | AV5      | -0.04 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.48  | 102 | P2  | TWD | 15  | AV6      | +0.02 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.26  | 85  | P2  | TWD | 10  | AV7      | +0.18 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.20  | 76  | P2  | TWD | 8   | AV8      | +0.16 | TEH | TEC    |        | 5     | COLD | 610UL |
| 102 | 89  | 0.14  | 90  | P2  | TWD | 6   | AV4      | -0.18 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.24  | 120 | P2  | TWD | 9   | AV5      | +0.20 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.27  | 112 | P2  | TWD | 10  | AV6      | +0.07 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.18  | 93  | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
| 102 | 91  | 0.12  | 107 | P2  | TWD | 5   | AV3      | -0.07 | TEH | TEC    |        | 7     | COLD | 610UL |
| 102 | 93  | 0.16  | 83  | P2  | TWD | 6   | AV1      | -0.02 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.16  | 126 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
| 102 | 95  | 0.19  | 126 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.17  | 101 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.19  | 107 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.16  | 106 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.18  | 78  | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 102 | 97  | 0.17  | 123 | P2  | TWD | 7   | AV1      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.35  | 113 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.24  | 90  | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 102 | 109 | 0.16  | 122 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 23    | COLD | 610UL |
| 103 | 60  | 0.10  | 78  | P2  | TWD | 5   | AV4      | -0.20 | TEH | TEC    |        | 15    | COLD | 610UL |
| 103 | 74  | 0.18  | 98  | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
|     |     | 0.24  | 103 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
|     |     | 0.19  | 110 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
|     |     | 0.16  | 88  | P2  | TWD | 8   | AV7      | +0.00 | TEH | TBC    |        | 4     | COLD | 610UL |
| 103 | 84  | 0.18  | 122 | P2  | TWD | 8   | AV1      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.38  | 127 | P2  | TWD | 14  | AV2      | +0.02 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.42  | 120 | P2  | TWD | 15  | AV3      | +0.11 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.41  | 125 | P2  | TWD | 15  | AV4      | +0.02 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.27  | 131 | P2  | TWD | 11  | AV5      | +0.02 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.28  | 116 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TBC    |        | 1     | COLD | 610UL |
|     |     | 0.34  | 135 | P2  | TWD | 13  | AV7      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.20  | 139 | P2  | TWD | 8   | AV8      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
| 103 | 86  | 0.38  | 115 | P2  | TWD | 13  | AV2      | +0.02 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.20  | 95  | P2  | TWD | 8   | AV3      | +0.02 | TEH | TBC    |        | 5     | COLD | 610UL |
|     |     | 0.41  | 116 | P2  | TWD | 14  | AV4      | +0.16 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.35  | 103 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.26  | 102 | P2  | TWD | 10  | AV7      | -0.09 | TEH | TEC    |        | 5     | COLD | 610UL |
| 103 | 88  | 0.21  | 131 | P2  | TWD | 9   | AV3      | +0.11 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.27  | 124 | P2  | TWD | 11  | AV5      | +0.27 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.38  | 127 | P2  | TWD | 14  | AV6      | +0.09 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.20  | 131 | P2  | TWD | 8   | AV7      | +0.13 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.35  | 131 | P2  | TWD | 13  | AV8      | +0.13 | TEH | TEC    |        | 8     | COLD | 610UL |
| 103 | 90  | 0.20  | 141 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.11  | 92  | P2  | TWD | 5   | AV3      | -0.11 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.10  | 136 | P2  | TWD | 4   | AV4      | -0.04 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.19  | 108 | P2  | TWD | 8   | AV5      | +0.07 | TEH | TEC    |        | 7     | COLD | 610UL |
| 103 | 92  | 0.15  | 144 | P2  | TWD | 7   | AV1      | +0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.22  | 134 | P2  | TWD | 9   | AV2      | +0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
| 103 | 94  | 0.13  | 131 | P2  | TWD | 6   | AV2      | +0.04 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.37  | 113 | P2  | TWD | 13  | AV3      | +0.07 | TEH | TBC    |        | 14    | COLD | 610UL |
| 103 | 96  | 0.12  | 113 | P2  | TWD | 5   | AV5      | +0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
| 103 | 100 | 0.21  | 120 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
| 104 | 73  | 0.17  | 103 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 104 | 77  | 0.14  | 102 | P2  | TWD | 7   | AV7      | +0.02 | TEH | TEC    |        | 4     | COLD | 610UL |
| 104 | 81  | 0.15  | 92  | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.31  | 108 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.22  | 112 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TBC    |        | 2     | COLD | 610UL |
| 104 | 83  | 0.42  | 108 | P2  | TWD | 16  | AV4      | +0.00 | TEH | TBC    |        | 2     | COLD | 610UL |
|     |     | 0.33  | 126 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.33  | 103 | P2  | TWD | 13  | AV8      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 104 | 85  | 0.24  | 101 | P2  | TWD | 10  | AV4      | -0.04 | TEH | TBC    |        | 2     | COLD | 610UL |
|     |     | 0.25  | 108 | P2  | TWD | 10  | AV5      | -0.09 | TEH | TBC    |        | 2     | COLD | 610UL |
|     |     | 0.28  | 100 | P2  | TWD | 12  | AV6      | +0.04 | TEH | TBC    |        | 2     | COLD | 610UL |
|     |     | 0.21  | 83  | P2  | TWD | 9   | AV7      | +0.00 | TEH | TBC    |        | 2     | COLD | 610UL |
| 104 | 87  | 0.15  | 86  | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.28  | 110 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
| 104 | 89  | 0.18  | 132 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.18  | 141 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.17  | 138 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.21  | 137 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
| 104 | 91  | 0.12  | 129 | P2  | TWD | 5   | AV1      | -0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.26  | 119 | P2  | TWD | 10  | AV2      | -0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
| 104 | 93  | 0.20  | 142 | P2  | TWD | 8   | AV3      | +0.09 | TEH | TEC    |        | 8     | COLD | 610UL |
| 104 | 95  | 0.14  | 103 | P2  | TWD | 6   | AV1      | +0.13 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.22  | 123 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.17  | 116 | P2  | TWD | 7   | AV3      | +0.09 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.11  | 106 | P2  | TWD | 5   | AV4      | -0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.11  | 144 | P2  | TWD | 5   | AV7      | +0.09 | TEH | TEC    |        | 14    | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 104 | 97  | 0.18  | 139 | P2  | TWD | 8   | AV2      | +0.02 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
| 104 | 99  | 0.17  | 134 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
|     |     | 0.22  | 134 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
|     |     | 0.14  | 142 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
| 105 | 78  | 0.23  | 124 | P2  | TWD | 10  | AV2      | +0.11 | TEH | TEC  |   |      |   | 3   |   | COLD | 610UL |
| 105 | 82  | 0.51  | 102 | P2  | TWD | 18  | AV3      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.17  | 69  | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.16  | 87  | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.28  | 91  | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.18  | 66  | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
| 105 | 84  | 0.17  | 69  | P2  | TWD | 8   | AV1      | +0.09 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.20  | 112 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.49  | 102 | P2  | TWD | 17  | AV3      | +0.04 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.20  | 78  | P2  | TWD | 9   | AV4      | -0.02 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.29  | 105 | P2  | TWD | 12  | AV5      | +0.13 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.20  | 87  | P2  | TWD | 9   | AV7      | +0.13 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
| 105 | 86  | 0.35  | 119 | P2  | TWD | 13  | AV2      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.20  | 125 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.46  | 115 | P2  | TWD | 15  | AV4      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.37  | 110 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.35  | 120 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.51  | 120 | P2  | TWD | 16  | AV7      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.23  | 103 | P2  | TWD | 9   | AV8      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
| 105 | 88  | 0.25  | 105 | P2  | TWD | 9   | AV1      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.26  | 122 | P2  | TWD | 10  | AV2      | +0.16 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.35  | 116 | P2  | TWD | 12  | AV3      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
| 105 | 90  | 0.12  | 137 | P2  | TWD | 5   | AV2      | +0.09 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.15  | 124 | P2  | TWD | 7   | AV4      | +0.07 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.22  | 111 | P2  | TWD | 9   | AV5      | +0.09 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.13  | 111 | P2  | TWD | 6   | AV6      | +0.02 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.26  | 126 | P2  | TWD | 10  | AV7      | +0.09 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
| 105 | 92  | 0.14  | 133 | P2  | TWD | 6   | AV8      | +0.11 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.12  | 145 | P2  | TWD | 5   | AV1      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.11  | 131 | P2  | TWD | 5   | AV2      | +0.20 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.25  | 117 | P2  | TWD | 10  | AV3      | +0.11 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.12  | 92  | P2  | TWD | 5   | AV4      | -0.11 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.10  | 56  | P2  | TWD | 4   | AV7      | -0.18 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
| 105 | 94  | 0.18  | 73  | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
|     |     | 0.25  | 99  | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
|     |     | 0.16  | 92  | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
|     |     | 0.19  | 98  | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
| 105 | 96  | 0.20  | 100 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
|     |     | 0.31  | 105 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
|     |     | 0.21  | 111 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
| 105 | 98  | 0.21  | 117 | P2  | TWD | 8   | AV2      | +0.04 | TEH | TEC  |   |      |   | 17  |   | COLD | 610UL |
|     |     | 0.28  | 116 | P2  | TWD | 11  | AV3      | +0.02 | TEH | TEC  |   |      |   | 17  |   | COLD | 610UL |
|     |     | 0.16  | 187 | P2  | TWD | 7   | AV4      | +0.02 | TEH | TEC  |   |      |   | 17  |   | COLD | 610UL |
| 106 | 81  | 0.24  | 124 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
|     |     | 0.25  | 134 | P2  | TWD | 10  | AV7      | +0.07 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
| 106 | 83  | 0.44  | 124 | P2  | TWD | 16  | AV3      | +0.00 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
|     |     | 0.31  | 126 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
|     |     | 0.27  | 130 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
| 106 | 85  | 0.28  | 129 | P2  | TWD | 11  | AV1      | +0.00 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
|     |     | 0.47  | 117 | P2  | TWD | 16  | AV2      | -0.02 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
|     |     | 0.29  | 132 | P2  | TWD | 12  | AV6      | +0.04 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
| 106 | 87  | 0.31  | 98  | P2  | TWD | 11  | AV1      | +0.24 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |
|     |     | 0.32  | 99  | P2  | TWD | 11  | AV2      | +0.04 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |
|     |     | 0.29  | 105 | P2  | TWD | 10  | AV5      | +0.02 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |
|     |     | 0.48  | 108 | P2  | TWD | 15  | AV6      | -0.04 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |
|     |     | 0.22  | 90  | P2  | TWD | 8   | AV7      | +0.02 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |
|     |     | 0.25  | 83  | P2  | TWD | 9   | AV8      | -0.13 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 106 | 89  | 0.18  | 122 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.25  | 120 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.22  | 120 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.33  | 95  | P2  | TWD | 12  | AV7      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
| 106 | 91  | 0.29  | 118 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
| 106 | 93  | 0.31  | 125 | P2  | TWD | 11  | AV2      | +0.07 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.24  | 120 | P2  | TWD | 9   | AV3      | +0.02 | TEH | TEC    |        | 7     | COLD | 610UL |
| 106 | 95  | 0.24  | 122 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 106 | 97  | 0.15  | 102 | P2  | TWD | 6   | AV1      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.30  | 122 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.40  | 123 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 107 | 68  | 0.13  | 133 | P2  | TWD | 5   | AV2      | +0.00 | TEH | TEC    |        | 9     | COLD | 610UL |
| 107 | 74  | 0.18  | 73  | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 107 | 76  | 0.19  | 71  | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 107 | 82  | 0.33  | 125 | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.18  | 138 | P2  | TWD | 8   | AV4      | +0.09 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.19  | 126 | P2  | TWD | 8   | AV5      | +0.02 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.15  | 126 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.21  | 130 | P2  | TWD | 9   | AV7      | +0.11 | TEH | TEC    |        | 1     | COLD | 610UL |
| 107 | 84  | 0.33  | 125 | P2  | TWD | 13  | AV3      | +0.04 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.34  | 125 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.41  | 135 | P2  | TWD | 15  | AV5      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.30  | 135 | P2  | TWD | 12  | AV7      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
| 107 | 86  | 0.33  | 104 | P2  | TWD | 12  | AV2      | +0.07 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.39  | 109 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.49  | 106 | P2  | TWD | 16  | AV6      | +0.02 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.60  | 103 | P2  | TWD | 18  | AV7      | +0.04 | TEH | TEC    |        | 5     | COLD | 610UL |
| 107 | 88  | 0.16  | 143 | P2  | TWD | 7   | AV1      | +0.16 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.19  | 114 | P2  | TWD | 8   | AV2      | +0.20 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.26  | 130 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.34  | 119 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.34  | 130 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.18  | 134 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.15  | 142 | P2  | TWD | 6   | AV7      | +0.09 | TEH | TEC    |        | 8     | COLD | 610UL |
| 107 | 90  | 0.12  | 134 | P2  | TWD | 5   | AV1      | +0.16 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.21  | 105 | P2  | TWD | 8   | AV2      | +0.04 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.13  | 120 | P2  | TWD | 5   | AV3      | -0.13 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.25  | 115 | P2  | TWD | 9   | AV4      | +0.07 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.25  | 105 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.16  | 133 | P2  | TWD | 6   | AV7      | +0.16 | TEH | TEC    |        | 7     | COLD | 610UL |
| 107 | 92  | 0.28  | 127 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.11  | 99  | P2  | TWD | 5   | AV6      | +0.13 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.14  | 141 | P2  | TWD | 6   | AV7      | +0.24 | TEH | TEC    |        | 8     | COLD | 610UL |
| 107 | 94  | 0.30  | 105 | P2  | TWD | 11  | AV2      | +0.07 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.13  | 75  | P2  | TWD | 6   | AV3      | +0.04 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.12  | 115 | P2  | TWD | 5   | AV4      | +0.07 | TEH | TEC    |        | 14    | COLD | 610UL |
| 107 | 98  | 0.26  | 112 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.14  | 116 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.19  | 131 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.26  | 126 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
|     |     | 0.16  | 122 | P2  | TWD | 7   | AV6      | +0.07 | TEH | TEC    |        | 18    | COLD | 610UL |
| 107 | 100 | 0.17  | 139 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 18    | COLD | 610UL |
| 107 | 102 | 0.13  | 128 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 19    | COLD | 610UL |
|     |     | 0.25  | 119 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 19    | COLD | 610UL |
| 108 | 77  | 0.21  | 89  | P2  | TWD | 10  | AV2      | +0.07 | TEH | TEC    |        | 4     | COLD | 610UL |
| 108 | 81  | 0.14  | 94  | P2  | TWD | 7   | AV2      | -0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
| 108 | 83  | 0.17  | 110 | P2  | TWD | 8   | AV1      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.35  | 104 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.30  | 107 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.25  | 100 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.22  | 95  | P2  | TWD | 10  | AV8      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 108 | 85  | 0.16  | 76  | P2  | TWD | 8   | AV1      | -0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.14  | 120 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.31  | 117 | P2  | TWD | 13  | AV6      | +0.04 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.52  | 119 | P2  | TWD | 19  | AV7      | +0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
| 108 | 87  | 0.14  | 110 | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.28  | 97  | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.25  | 95  | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
| 108 | 89  | 0.14  | 149 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.21  | 137 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.25  | 129 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.20  | 130 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
| 108 | 91  | 0.31  | 130 | P2  | TWD | 12  | AV3      | -0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.22  | 132 | P2  | TWD | 9   | AV4      | +0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.22  | 131 | P2  | TWD | 9   | AV5      | +0.07 | TEH | TEC    |        | 8     | COLD | 610UL |
| 108 | 93  | 0.18  | 140 | P2  | TWD | 8   | AV1      | +0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.28  | 126 | P2  | TWD | 11  | AV2      | +0.07 | TEH | TEC    |        | 8     | COLD | 610UL |
| 108 | 95  | 0.11  | 110 | P2  | TWD | 5   | AV1      | +0.11 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.27  | 117 | P2  | TWD | 11  | AV2      | -0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.28  | 118 | P2  | TWD | 11  | AV3      | +0.07 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.27  | 122 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.23  | 112 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 14    | COLD | 610UL |
| 109 | 70  | 0.14  | 138 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC    |        | 9     | COLD | 610UL |
| 109 | 76  | 0.23  | 136 | P2  | TWD | 10  | AV4      | +0.04 | TEH | TEC    |        | 3     | COLD | 610UL |
| 109 | 82  | 0.28  | 106 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.28  | 117 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 109 | 84  | 0.35  | 95  | P2  | TWD | 14  | AV1      | +0.09 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.30  | 96  | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.22  | 103 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.52  | 101 | P2  | TWD | 18  | AV4      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.29  | 102 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.44  | 99  | P2  | TWD | 16  | AV7      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.27  | 108 | P2  | TWD | 11  | AV8      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 109 | 86  | 0.29  | 107 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.54  | 117 | P2  | TWD | 17  | AV4      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.31  | 109 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.49  | 118 | P2  | TWD | 16  | AV6      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.54  | 121 | P2  | TWD | 17  | AV7      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.24  | 95  | P2  | TWD | 9   | AV8      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
| 109 | 88  | 0.18  | 86  | P2  | TWD | 7   | AV2      | +0.02 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.20  | 115 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
| 109 | 90  | 0.20  | 89  | P2  | TWD | 8   | AV8      | +0.02 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.24  | 120 | P2  | TWD | 9   | AV6      | +0.11 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.17  | 87  | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.28  | 109 | P2  | TWD | 10  | AV3      | +0.17 | TEH | TEC    |        | 80    | COLD | 610UL |
| 109 | 92  | 0.16  | 87  | P2  | TWD | 6   | AV2      | +0.15 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.14  | 136 | P2  | TWD | 6   | AV3      | -0.11 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.24  | 129 | P2  | TWD | 9   | AV4      | +0.11 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.11  | 138 | P2  | TWD | 5   | AV6      | +0.11 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.10  | 82  | P2  | TWD | 4   | AV7      | -0.15 | TEH | TEC    |        | 7     | COLD | 610UL |
| 109 | 94  | 0.31  | 117 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.21  | 122 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 109 | 96  | 0.16  | 103 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 109 | 98  | 0.24  | 124 | P2  | TWD | 9   | AV2      | +0.07 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.30  | 101 | P2  | TWD | 11  | AV3      | +0.04 | TEH | TEC    |        | 17    | COLD | 610UL |
| 109 | 100 | 0.32  | 109 | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.24  | 97  | P2  | TWD | 9   | AV3      | +0.13 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.22  | 105 | P2  | TWD | 9   | AV4      | +0.09 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.20  | 98  | P2  | TWD | 8   | AV5      | +0.11 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.17  | 87  | P2  | TWD | 7   | AV6      | +0.09 | TEH | TEC    |        | 17    | COLD | 610UL |
| 109 | 112 | 0.12  | 101 | P2  | TWD | 6   | AV3      | +0.13 | TEH | TEC    |        | 27    | COLD | 610UL |
| 110 | 59  | 0.16  | 119 | P2  | TWD | 7   | AV4      | +0.07 | TEH | TEC    |        | 16    | COLD | 610UL |
|     |     | 0.17  | 126 | P2  | TWD | 8   | AV3      | +0.04 | TEH | TEC    |        | 16    | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 110 | 75  | 0.17  | 122 | P2  | TWD | 8   | AV5      | +0.13 | TEH | TEC    |        | 3     | COLD | 610UL |
| 110 | 77  | 0.20  | 127 | P2  | TWD | 9   | AV3      | +0.04 | TEH | TEC    |        | 3     | COLD | 610UL |
| 110 | 83  | 0.43  | 124 | P2  | TWD | 15  | AV4      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.36  | 125 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.23  | 124 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
| 110 | 85  | 0.43  | 125 | P2  | TWD | 15  | AV3      | +0.02 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.22  | 123 | P2  | TWD | 9   | AV4      | +0.04 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.29  | 134 | P2  | TWD | 12  | AV5      | +0.04 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.59  | 120 | P2  | TWD | 19  | AV7      | +0.09 | TEH | TEC    |        | 1     | COLD | 610UL |
| 110 | 87  | 0.40  | 105 | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.29  | 87  | P2  | TWD | 10  | AV5      | +0.07 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.54  | 109 | P2  | TWD | 17  | AV6      | +0.07 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.49  | 101 | P2  | TWD | 16  | AV7      | +0.13 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.38  | 100 | P2  | TWD | 13  | AV8      | +0.22 | TEH | TEC    |        | 5     | COLD | 610UL |
| 110 | 89  | 0.17  | 101 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.64  | 113 | P2  | TWD | 19  | AV5      | +0.04 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.28  | 90  | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.12  | 103 | P2  | TWD | 5   | AV8      | -0.11 | TEH | TEC    |        | 7     | COLD | 610UL |
| 110 | 91  | 0.25  | 126 | P2  | TWD | 9   | AV5      | +0.09 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.21  | 127 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.26  | 104 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.10  | 124 | P2  | TWD | 4   | AV8      | -0.20 | TEH | TEC    |        | 7     | COLD | 610UL |
| 110 | 93  | 0.27  | 116 | P2  | TWD | 10  | AV2      | +0.07 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.37  | 120 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.22  | 111 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
| 110 | 95  | 0.26  | 108 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.29  | 101 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.24  | 117 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 110 | 97  | 0.17  | 117 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 110 | 99  | 0.45  | 118 | P2  | TWD | 15  | AV5      | +0.00 | TEH | TEC    |        | 17    | COLD | 610UL |
| 110 | 101 | 0.23  | 121 | P2  | TWD | 9   | AV2      | +0.02 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.25  | 87  | P2  | TWD | 10  | AV3      | +0.09 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.17  | 93  | P2  | TWD | 7   | AV1      | -0.04 | TEH | TEC    |        | 17    | COLD | 610UL |
|     |     | 0.16  | 100 | P2  | TWD | 7   | AV5      | +0.09 | TEH | TEC    |        | 17    | COLD | 610UL |
| 110 | 103 | 0.13  | 117 | P2  | TWD | 6   | AV2      | +0.09 | TEH | TEC    |        | 19    | COLD | 610UL |
| 111 | 74  | 0.24  | 116 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 111 | 76  | 0.18  | 98  | P2  | TWD | 9   | AV2      | +0.02 | TEH | TEC    |        | 4     | COLD | 610UL |
| 111 | 84  | 0.51  | 120 | P2  | TWD | 17  | AV3      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.45  | 122 | P2  | TWD | 16  | AV4      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.40  | 127 | P2  | TWD | 15  | AV5      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.40  | 128 | P2  | TWD | 14  | AV6      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.33  | 123 | P2  | TWD | 13  | AV7      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
| 111 | 86  | 0.29  | 110 | P2  | TWD | 10  | AV2      | +0.07 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.57  | 118 | P2  | TWD | 17  | AV4      | +0.09 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.22  | 94  | P2  | TWD | 8   | AV5      | +0.13 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.54  | 111 | P2  | TWD | 17  | AV6      | +0.07 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.52  | 112 | P2  | TWD | 16  | AV7      | +0.04 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.38  | 97  | P2  | TWD | 13  | AV8      | +0.07 | TEH | TEC    |        | 5     | COLD | 610UL |
| 111 | 88  | 0.23  | 133 | P2  | TWD | 9   | AV6      | +0.11 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.23  | 140 | P2  | TWD | 9   | AV3      | +0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
| 111 | 90  | 0.15  | 125 | P2  | TWD | 6   | AV3      | -0.20 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.28  | 123 | P2  | TWD | 10  | AV5      | +0.09 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.23  | 112 | P2  | TWD | 9   | AV6      | +0.09 | TEH | TEC    |        | 7     | COLD | 610UL |
| 111 | 92  | 0.24  | 134 | P2  | TWD | 10  | AV2      | +0.07 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.12  | 136 | P2  | TWD | 5   | AV6      | +0.15 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.15  | 138 | P2  | TWD | 7   | AV7      | +0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
| 111 | 94  | 0.13  | 120 | P2  | TWD | 6   | AV3      | +0.07 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.17  | 120 | P2  | TWD | 7   | AV4      | +0.02 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.43  | 111 | P2  | TWD | 15  | AV5      | +0.09 | TEH | TEC    |        | 14    | COLD | 610UL |
|     |     | 0.16  | 123 | P2  | TWD | 7   | AV6      | +0.09 | TEH | TEC    |        | 14    | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 111 | 96  | 0.11  | 126 | P2  | TWD | 5   | AV1      | +0.07 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.21  | 115 | P2  | TWD | 8   | AV2      | +0.02 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.19  | 125 | P2  | TWD | 8   | AV3      | +0.02 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.55  | 113 | P2  | TWD | 18  | AV4      | +0.00 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.14  | 138 | P2  | TWD | 6   | AV7      | -0.02 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
| 111 | 98  | 0.20  | 129 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
|     |     | 0.20  | 121 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
| 111 | 102 | 0.14  | 135 | P2  | TWD | 6   | AV3      | -0.04 | TEH | TEC  |   |      |   | 19  |   | COLD | 610UL |
| 112 | 73  | 0.38  | 121 | P2  | TWD | 15  | AV1      | +0.00 | TEH | TEC  |   |      |   | 4   |   | COLD | 610UL |
|     |     | 0.21  | 81  | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC  |   |      |   | 4   |   | COLD | 610UL |
|     |     | 0.33  | 91  | P2  | TWD | 14  | AV3      | +0.00 | TEH | TEC  |   |      |   | 4   |   | COLD | 610UL |
| 112 | 83  | 0.19  | 105 | P2  | TWD | 8   | AV2      | +0.09 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.19  | 66  | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.19  | 61  | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
| 112 | 85  | 0.39  | 120 | P2  | TWD | 15  | AV1      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.20  | 106 | P2  | TWD | 9   | AV3      | +0.07 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.19  | 112 | P2  | TWD | 9   | AV4      | +0.02 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.30  | 126 | P2  | TWD | 12  | AV5      | +0.04 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.13  | 109 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.24  | 121 | P2  | TWD | 11  | AV7      | +0.04 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
| 112 | 87  | 0.15  | 110 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.27  | 121 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.17  | 115 | P2  | TWD | 7   | AV6      | +0.22 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.16  | 90  | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
| 112 | 89  | 0.21  | 132 | P2  | TWD | 9   | AV2      | +0.09 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.19  | 135 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.23  | 135 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
| 112 | 91  | 0.18  | 135 | P2  | TWD | 8   | AV1      | +0.00 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.15  | 136 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.26  | 122 | P2  | TWD | 10  | AV3      | +0.09 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.25  | 137 | P2  | TWD | 10  | AV4      | +0.02 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.17  | 140 | P2  | TWD | 7   | AV5      | +0.07 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.20  | 140 | P2  | TWD | 9   | AV7      | +0.04 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
| 112 | 93  | 0.21  | 133 | P2  | TWD | 9   | AV2      | +0.04 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
| 112 | 95  | 0.15  | 119 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.43  | 123 | P2  | TWD | 15  | AV3      | +0.04 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
| 112 | 97  | 0.21  | 119 | P2  | TWD | 9   | AV3      | +0.09 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.35  | 115 | P2  | TWD | 13  | AV4      | +0.04 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
|     |     | 0.30  | 110 | P2  | TWD | 11  | AV5      | +0.02 | TEH | TEC  |   |      |   | 14  |   | COLD | 610UL |
| 112 | 99  | 0.28  | 126 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
| 112 | 101 | 0.17  | 118 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
|     |     | 0.30  | 122 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
|     |     | 0.43  | 118 | P2  | TWD | 15  | AV4      | +0.00 | TEH | TEC  |   |      |   | 18  |   | COLD | 610UL |
| 113 | 84  | 0.25  | 99  | P2  | TWD | 11  | AV2      | +0.02 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.26  | 113 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.44  | 120 | P2  | TWD | 17  | AV5      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.51  | 117 | P2  | TWD | 18  | AV6      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.42  | 117 | P2  | TWD | 16  | AV7      | +0.04 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.15  | 100 | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
| 113 | 86  | 0.17  | 123 | P2  | TWD | 7   | AV1      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.20  | 89  | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.25  | 94  | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.17  | 108 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.61  | 117 | P2  | TWD | 19  | AV6      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.56  | 115 | P2  | TWD | 17  | AV7      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.39  | 117 | P2  | TWD | 14  | AV8      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
| 113 | 88  | 0.14  | 77  | P2  | TWD | 6   | AV2      | -0.15 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.17  | 112 | P2  | TWD | 7   | AV3      | +0.07 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.33  | 106 | P2  | TWD | 12  | AV4      | +0.07 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.45  | 123 | P2  | TWD | 15  | AV5      | +0.07 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.37  | 120 | P2  | TWD | 13  | AV6      | +0.07 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 113 | 90  | 0.16  | 135 | P2  | TWD | 6   | AV3      | -0.11 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.28  | 115 | P2  | TWD | 10  | AV5      | +0.09 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.27  | 128 | P2  | TWD | 10  | AV6      | +0.09 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.30  | 122 | P2  | TWD | 11  | AV7      | +0.04 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
| 113 | 92  | 0.16  | 127 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.13  | 110 | P2  | TWD | 5   | AV6      | +0.15 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.14  | 92  | P2  | TWD | 6   | AV7      | +0.22 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
| 113 | 94  | 0.37  | 107 | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
|     |     | 0.40  | 101 | P2  | TWD | 14  | AV4      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
|     |     | 0.21  | 90  | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
| 113 | 96  | 0.27  | 97  | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
|     |     | 0.39  | 113 | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
|     |     | 0.37  | 102 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
|     |     | 0.17  | 103 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
| 113 | 98  | 0.18  | 106 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 17  |   | COLD | 610UL |
| 113 | 100 | 0.21  | 110 | P2  | TWD | 8   | AV2      | +0.07 | TEH | TEC  |   |      |   | 17  |   | COLD | 610UL |
| 114 | 67  | 0.13  | 111 | P2  | TWD | 5   | AV6      | +0.00 | TEH | TEC  |   |      |   | 9   |   | COLD | 610UL |
| 114 | 75  | 0.22  | 115 | P2  | TWD | 9   | AV1      | +0.04 | TEH | TEC  |   |      |   | 3   |   | COLD | 610UL |
|     |     | 0.23  | 112 | P2  | TWD | 10  | AV2      | +0.02 | TEH | TEC  |   |      |   | 3   |   | COLD | 610UL |
|     |     | 0.20  | 124 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |   |      |   | 3   |   | COLD | 610UL |
| 114 | 83  | 0.27  | 122 | P2  | TWD | 11  | AV4      | -0.09 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
|     |     | 0.58  | 128 | P2  | TWD | 19  | AV5      | +0.07 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
|     |     | 0.55  | 123 | P2  | TWD | 18  | AV6      | +0.09 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
|     |     | 0.17  | 122 | P2  | TWD | 7   | AV7      | +0.07 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
| 114 | 85  | 0.37  | 127 | P2  | TWD | 14  | AV1      | +0.00 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
|     |     | 0.58  | 126 | P2  | TWD | 19  | AV2      | +0.07 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
|     |     | 0.44  | 129 | P2  | TWD | 16  | AV4      | +0.07 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
|     |     | 0.23  | 126 | P2  | TWD | 10  | AV5      | +0.07 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
|     |     | 0.42  | 126 | P2  | TWD | 15  | AV7      | +0.04 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
| 114 | 87  | 0.36  | 83  | P2  | TWD | 12  | AV1      | -0.02 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |
|     |     | 0.35  | 94  | P2  | TWD | 12  | AV2      | +0.00 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |
|     |     | 0.54  | 105 | P2  | TWD | 17  | AV3      | +0.07 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |
|     |     | 0.38  | 93  | P2  | TWD | 13  | AV4      | +0.02 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |
|     |     | 0.59  | 105 | P2  | TWD | 18  | AV5      | +0.07 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |
|     |     | 0.43  | 96  | P2  | TWD | 14  | AV6      | +0.18 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |
|     |     | 0.43  | 92  | P2  | TWD | 14  | AV7      | +0.02 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |
| 114 | 89  | 0.20  | 128 | P2  | TWD | 8   | AV1      | +0.07 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.30  | 108 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.15  | 79  | P2  | TWD | 6   | AV4      | -0.27 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.12  | 99  | P2  | TWD | 5   | AV5      | +0.18 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.27  | 118 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.32  | 113 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
| 114 | 91  | 0.29  | 118 | P2  | TWD | 11  | AV3      | +0.04 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.20  | 131 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.16  | 143 | P2  | TWD | 6   | AV6      | +0.18 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.21  | 139 | P2  | TWD | 8   | AV7      | +0.18 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
| 114 | 93  | 0.16  | 110 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.14  | 88  | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
| 114 | 95  | 0.15  | 57  | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
|     |     | 0.26  | 109 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
|     |     | 0.31  | 114 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
|     |     | 0.38  | 117 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
| 114 | 97  | 0.19  | 108 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
| 114 | 99  | 0.40  | 117 | P2  | TWD | 14  | AV3      | +0.02 | TEH | TEC  |   |      |   | 17  |   | COLD | 610UL |
|     |     | 0.18  | 119 | P2  | TWD | 7   | AV2      | +0.02 | TEH | TEC  |   |      |   | 17  |   | COLD | 610UL |
| 114 | 101 | 0.27  | 111 | P2  | TWD | 10  | AV2      | +0.07 | TEH | TEC  |   |      |   | 17  |   | COLD | 610UL |
|     |     | 0.27  | 105 | P2  | TWD | 10  | AV3      | +0.07 | TEH | TEC  |   |      |   | 17  |   | COLD | 610UL |
| 115 | 72  | 0.13  | 86  | P2  | TWD | 5   | AV2      | -0.07 | TEH | TEC  |   |      |   | 9   |   | COLD | 610UL |
|     |     | 0.17  | 128 | P2  | TWD | 7   | AV1      | +0.00 | TEH | TEC  |   |      |   | 9   |   | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1   | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|-----|------|---|-----|---|------|-------|
| 115 | 84  | 0.47  | 115 | P2  | TWD | 16  | AV1      | +0.00 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
|     |     | 0.27  | 132 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
|     |     | 0.41  | 117 | P2  | TWD | 15  | AV3      | +0.00 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
|     |     | 0.22  | 127 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
|     |     | 0.20  | 134 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
|     |     | 0.19  | 124 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
|     |     | 0.60  | 129 | P2  | TWD | 19  | AV7      | +0.00 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
|     |     | 0.24  | 120 | P2  | TWD | 10  | AV8      | +0.00 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
| 115 | 86  | 0.27  | 87  | P2  | TWD | 10  | AV1      | +0.04 | TEH | TEC  |     |      |   | 5   |   | COLD | 610UL |
|     |     | 0.44  | 98  | P2  | TWD | 14  | AV2      | +0.07 | TEH | TEC  |     |      |   | 5   |   | COLD | 610UL |
|     |     | 0.58  | 108 | P2  | TWD | 18  | AV3      | +0.09 | TEH | TEC  |     |      |   | 5   |   | COLD | 610UL |
|     |     | 0.56  | 108 | P2  | TWD | 17  | AV4      | +0.07 | TEH | TEC  |     |      |   | 5   |   | COLD | 610UL |
|     |     | 0.31  | 92  | P2  | TWD | 11  | AV5      | +0.07 | TEH | TEC  |     |      |   | 5   |   | COLD | 610UL |
|     |     | 0.60  | 106 | P2  | TWD | 18  | AV7      | -0.07 | TEH | TEC  |     |      |   | 5   |   | COLD | 610UL |
|     |     | 0.41  | 107 | P2  | TWD | 14  | AV8      | +0.07 | TEH | TEC  |     |      |   | 5   |   | COLD | 610UL |
| 115 | 88  | 0.13  | 96  | P2  | TWD | 5   | AV2      | +0.26 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.17  | 109 | P2  | TWD | 7   | AV3      | +0.07 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.27  | 116 | P2  | TWD | 10  | AV6      | +0.09 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.27  | 115 | P2  | TWD | 10  | AV7      | +0.04 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.24  | 116 | P2  | TWD | 9   | AV8      | +0.09 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
| 115 | 90  | 0.13  | 137 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.13  | 128 | P2  | TWD | 6   | AV3      | +0.02 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.29  | 131 | P2  | TWD | 11  | AV5      | +0.07 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.30  | 132 | P2  | TWD | 11  | AV6      | +0.13 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.21  | 136 | P2  | TWD | 9   | AV7      | +0.07 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
| 115 | 92  | 0.19  | 129 | P2  | TWD | 8   | AV2      | +0.02 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.16  | 134 | P2  | TWD | 7   | AV7      | +0.11 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
| 115 | 94  | 0.17  | 133 | P2  | TWD | 7   | AV3      | +0.02 | TEH | TEC  |     |      |   | 14  |   | COLD | 610UL |
| 115 | 98  | 0.11  | 144 | P2  | TWD | 5   | AV1      | +0.00 | TEH | TEC  |     |      |   | 18  |   | COLD | 610UL |
|     |     | 0.20  | 140 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |     |      |   | 18  |   | COLD | 610UL |
|     |     | 0.26  | 125 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC  |     |      |   | 18  |   | COLD | 610UL |
|     |     | 0.16  | 92  | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |     |      |   | 18  |   | COLD | 610UL |
| 116 | 83  | 0.20  | 101 | P2  | TWD | 9   | AV2      | -0.02 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
|     |     | 0.28  | 97  | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
|     |     | 0.41  | 105 | P2  | TWD | 15  | AV4      | +0.00 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
|     |     | 0.20  | 81  | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
| 116 | 85  | 0.45  | 125 | P2  | TWD | 17  | AV1      | -0.02 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
|     |     | 0.32  | 112 | P2  | TWD | 13  | AV7      | +0.02 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
|     |     | 0.24  | 110 | P2  | TWD | 10  | AV8      | +0.07 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
| 116 | 87  | 0.21  | 126 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
|     |     | 0.23  | 104 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
|     |     | 0.19  | 90  | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
|     |     | 0.47  | 116 | P2  | TWD | 16  | AV5      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
|     |     | 0.52  | 112 | P2  | TWD | 17  | AV6      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
|     |     | 0.66  | 114 | P2  | TWD | 19  | AV7      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
|     |     | 0.27  | 103 | P2  | TWD | 10  | AV8      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
| 116 | 89  | 0.18  | 131 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
| 116 | 91  | 0.17  | 123 | P2  | TWD | 7   | AV3      | +0.11 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.16  | 129 | P2  | TWD | 7   | AV5      | +0.07 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.16  | 133 | P2  | TWD | 7   | AV6      | +0.07 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.10  | 128 | P2  | TWD | 5   | AV7      | +0.04 | TEH | TEC  | LAR |      |   | 8   |   | COLD | 610UL |
| 116 | 97  | 0.15  | 102 | P2  | TWD | 6   | AV2      | +0.04 | TEH | TEC  |     |      |   | 14  |   | COLD | 610UL |
| 117 | 84  | 0.43  | 123 | P2  | TWD | 15  | AV2      | +0.07 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
|     |     | 0.42  | 119 | P2  | TWD | 15  | AV5      | +0.00 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
|     |     | 0.30  | 134 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
|     |     | 0.34  | 124 | P2  | TWD | 13  | AV7      | +0.00 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
| 117 | 86  | 0.18  | 91  | P2  | TWD | 7   | AV2      | -0.09 | TEH | TEC  |     |      |   | 5   |   | COLD | 610UL |
|     |     | 0.37  | 99  | P2  | TWD | 13  | AV4      | +0.02 | TEH | TEC  |     |      |   | 5   |   | COLD | 610UL |
|     |     | 0.43  | 106 | P2  | TWD | 14  | AV6      | -0.07 | TEH | TEC  |     |      |   | 5   |   | COLD | 610UL |
|     |     | 0.46  | 113 | P2  | TWD | 15  | AV7      | -0.02 | TEH | TEC  |     |      |   | 5   |   | COLD | 610UL |
|     |     | 0.40  | 109 | P2  | TWD | 14  | AV8      | +0.13 | TEH | TEC  |     |      |   | 5   |   | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1 | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|---|------|---|-----|---|------|-------|
| 117 | 88  | 0.21  | 126 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.15  | 128 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.19  | 133 | P2  | TWD | 8   | AV6      | +0.00 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
| 117 | 90  | 0.38  | 120 | P2  | TWD | 13  | AV5      | +0.07 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.35  | 118 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.25  | 121 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.18  | 118 | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
| 117 | 92  | 0.26  | 126 | P2  | TWD | 10  | AV2      | +0.07 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.20  | 108 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.20  | 127 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.13  | 61  | P2  | TWD | 5   | AV6      | +0.29 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.13  | 86  | P2  | TWD | 5   | AV7      | +0.29 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
| 117 | 94  | 0.19  | 86  | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
| 117 | 100 | 0.22  | 118 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 17  |   | COLD | 610UL |
| 118 | 83  | 0.19  | 120 | P2  | TWD | 8   | AV4      | -0.02 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
|     |     | 0.52  | 127 | P2  | TWD | 17  | AV6      | +0.00 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
|     |     | 0.26  | 128 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
| 118 | 85  | 0.40  | 117 | P2  | TWD | 15  | AV2      | +0.11 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
|     |     | 0.37  | 127 | P2  | TWD | 14  | AV3      | +0.07 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
|     |     | 0.34  | 127 | P2  | TWD | 13  | AV4      | +0.07 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
|     |     | 0.52  | 118 | P2  | TWD | 17  | AV5      | +0.00 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
|     |     | 0.60  | 116 | P2  | TWD | 19  | AV7      | +0.04 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
| 118 | 87  | 0.33  | 104 | P2  | TWD | 12  | AV2      | -0.02 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |
|     |     | 0.17  | 77  | P2  | TWD | 7   | AV3      | +0.09 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |
|     |     | 0.47  | 94  | P2  | TWD | 15  | AV4      | -0.02 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |
|     |     | 0.42  | 113 | P2  | TWD | 14  | AV5      | +0.07 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |
|     |     | 0.19  | 99  | P2  | TWD | 7   | AV7      | +0.11 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |
|     |     | 0.22  | 82  | P2  | TWD | 8   | AV8      | +0.04 | TEH | TEC  |   |      |   | 5   |   | COLD | 610UL |
| 118 | 89  | 0.17  | 111 | P2  | TWD | 7   | AV2      | +0.07 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.33  | 123 | P2  | TWD | 12  | AV5      | +0.09 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
| 118 | 91  | 0.10  | 85  | P2  | TWD | 4   | AV4      | -0.13 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.21  | 121 | P2  | TWD | 8   | AV5      | +0.11 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.31  | 121 | P2  | TWD | 11  | AV6      | +0.04 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.27  | 118 | P2  | TWD | 10  | AV7      | -0.15 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.15  | 139 | P2  | TWD | 6   | AV8      | +0.11 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
| 118 | 93  | 0.17  | 126 | P2  | TWD | 7   | AV1      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.29  | 115 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.39  | 113 | P2  | TWD | 13  | AV6      | +0.07 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
| 118 | 95  | 0.22  | 99  | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
|     |     | 0.36  | 117 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
| 118 | 97  | 0.17  | 111 | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC  |   |      |   | 13  |   | COLD | 610UL |
| 119 | 82  | 0.24  | 131 | P2  | TWD | 10  | AV5      | +0.16 | TEH | TEC  |   |      |   | 1   |   | COLD | 610UL |
| 119 | 84  | 0.17  | 92  | P2  | TWD | 8   | AV1      | +0.00 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.37  | 117 | P2  | TWD | 15  | AV2      | +0.02 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
|     |     | 0.19  | 117 | P2  | TWD | 8   | AV6      | +0.02 | TEH | TEC  |   |      |   | 2   |   | COLD | 610UL |
| 119 | 86  | 0.38  | 120 | P2  | TWD | 13  | AV1      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.45  | 116 | P2  | TWD | 15  | AV2      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.58  | 111 | P2  | TWD | 18  | AV4      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.24  | 98  | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.37  | 123 | P2  | TWD | 13  | AV7      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
|     |     | 0.17  | 81  | P2  | TWD | 7   | AV8      | +0.00 | TEH | TEC  |   |      |   | 6   |   | COLD | 610UL |
| 119 | 88  | 0.21  | 94  | P2  | TWD | 8   | AV2      | +0.31 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.66  | 118 | P2  | TWD | 19  | AV5      | +0.00 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.33  | 113 | P2  | TWD | 12  | AV6      | +0.09 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
|     |     | 0.20  | 91  | P2  | TWD | 8   | AV3      | -0.04 | TEH | TEC  |   |      |   | 7   |   | COLD | 610UL |
| 119 | 90  | 0.12  | 133 | P2  | TWD | 5   | AV1      | +0.02 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.13  | 120 | P2  | TWD | 6   | AV3      | -0.04 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.21  | 138 | P2  | TWD | 9   | AV5      | +0.04 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.25  | 132 | P2  | TWD | 10  | AV6      | +0.04 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.20  | 127 | P2  | TWD | 8   | AV7      | +0.07 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
| 119 | 92  | 0.19  | 135 | P2  | TWD | 8   | AV5      | +0.02 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |
|     |     | 0.13  | 90  | P2  | TWD | 6   | AV7      | +0.09 | TEH | TEC  |   |      |   | 8   |   | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 119 | 94  | 0.14  | 120 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 14    | COLD | 610UL |
| 120 | 83  | 0.19  | 119 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.24  | 108 | P2  | TWD | 10  | AV4      | +0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.17  | 73  | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 120 | 85  | 0.13  | 86  | P2  | TWD | 6   | AV2      | +0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.39  | 116 | P2  | TWD | 15  | AV4      | +0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.42  | 121 | P2  | TWD | 16  | AV5      | -0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.24  | 122 | P2  | TWD | 11  | AV8      | +0.11 | TEH | TEC    |        | 2     | COLD | 610UL |
| 120 | 87  | 0.26  | 106 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.40  | 116 | P2  | TWD | 14  | AV5      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.38  | 110 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.28  | 105 | P2  | TWD | 11  | AV7      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
| 120 | 89  | 0.17  | 125 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.17  | 120 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.15  | 137 | P2  | TWD | 7   | AV8      | -0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
| 120 | 91  | 0.33  | 125 | P2  | TWD | 12  | AV2      | +0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.18  | 128 | P2  | TWD | 8   | AV5      | +0.13 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.21  | 126 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.26  | 125 | P2  | TWD | 10  | AV7      | +0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.19  | 129 | P2  | TWD | 8   | AV8      | +0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
| 120 | 93  | 0.15  | 129 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
| 120 | 97  | 0.12  | 112 | P2  | TWD | 5   | AV3      | +0.07 | TEH | TEC    |        | 14    | COLD | 610UL |
| 121 | 82  | 0.22  | 86  | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.20  | 110 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 121 | 84  | 0.29  | 126 | P2  | TWD | 11  | AV6      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.19  | 126 | P2  | TWD | 8   | AV7      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
| 121 | 86  | 0.24  | 73  | P2  | TWD | 9   | AV2      | +0.02 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.68  | 108 | P2  | TWD | 19  | AV5      | +0.02 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.50  | 113 | P2  | TWD | 16  | AV7      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
| 121 | 88  | 0.15  | 139 | P2  | TWD | 7   | AV2      | +0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.26  | 132 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.35  | 123 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.23  | 118 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.14  | 147 | P2  | TWD | 6   | AV8      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
| 121 | 90  | 0.36  | 128 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.23  | 119 | P2  | TWD | 9   | AV5      | -0.02 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.33  | 126 | P2  | TWD | 12  | AV6      | +0.20 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.41  | 128 | P2  | TWD | 14  | AV7      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.25  | 104 | P2  | TWD | 9   | AV8      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
| 121 | 92  | 0.14  | 140 | P2  | TWD | 6   | AV2      | +0.18 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.21  | 116 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.34  | 105 | P2  | TWD | 12  | AV7      | +0.13 | TEH | TEC    |        | 7     | COLD | 610UL |
| 121 | 94  | 0.22  | 108 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
|     |     | 0.21  | 101 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 122 | 83  | 0.28  | 126 | P2  | TWD | 11  | AV2      | -0.02 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.45  | 120 | P2  | TWD | 16  | AV3      | +0.04 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.54  | 126 | P2  | TWD | 18  | AV4      | +0.02 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.27  | 127 | P2  | TWD | 11  | AV5      | +0.02 | TEH | TEC    |        | 1     | COLD | 610UL |
| 122 | 85  | 0.40  | 125 | P2  | TWD | 15  | AV2      | +0.11 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.47  | 125 | P2  | TWD | 16  | AV3      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.19  | 123 | P2  | TWD | 8   | AV4      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.39  | 128 | P2  | TWD | 14  | AV6      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.43  | 133 | P2  | TWD | 15  | AV7      | +0.04 | TEH | TEC    |        | 1     | COLD | 610UL |
| 122 | 87  | 0.30  | 98  | P2  | TWD | 11  | AV2      | +0.09 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.38  | 102 | P2  | TWD | 13  | AV3      | +0.09 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.49  | 108 | P2  | TWD | 16  | AV4      | +0.13 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.63  | 117 | P2  | TWD | 19  | AV5      | +0.16 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.40  | 108 | P2  | TWD | 13  | AV6      | +0.02 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.20  | 76  | P2  | TWD | 8   | AV7      | +0.02 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.21  | 105 | P2  | TWD | 8   | AV8      | -0.04 | TEH | TEC    |        | 5     | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1   | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|-----|------|---|-----|---|------|-------|
| 122 | 89  | 0.18  | 99  | P2  | TWD | 7   | AV3      | +0.11 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.26  | 113 | P2  | TWD | 10  | AV4      | +0.13 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.17  | 75  | P2  | TWD | 7   | AV6      | +0.07 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.30  | 119 | P2  | TWD | 11  | AV5      | +0.07 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.16  | 77  | P2  | TWD | 6   | AV2      | +0.04 | TEH | TEC  | LAR |      |   | 7   |   | COLD | 610UL |
| 122 | 91  | 0.17  | 129 | P2  | TWD | 7   | AV1      | +0.00 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.23  | 86  | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.36  | 124 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.18  | 126 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.15  | 102 | P2  | TWD | 6   | AV7      | -0.16 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.15  | 115 | P2  | TWD | 6   | AV8      | +0.00 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
| 122 | 93  | 0.17  | 107 | P2  | TWD | 7   | AV7      | +0.22 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.28  | 116 | P2  | TWD | 10  | AV2      | +0.04 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
| 122 | 95  | 0.24  | 103 | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |     |      |   | 13  |   | COLD | 610UL |
|     |     | 0.16  | 137 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC  |     |      |   | 13  |   | COLD | 610UL |
| 122 | 99  | 0.19  | 114 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |     |      |   | 17  |   | COLD | 610UL |
|     |     | 0.17  | 180 | P2  | TWD | 7   | AV7      | +0.29 | TEH | TEC  |     |      |   | 17  |   | COLD | 610UL |
| 123 | 84  | 0.32  | 120 | P2  | TWD | 13  | AV6      | -0.02 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
|     |     | 0.56  | 112 | P2  | TWD | 19  | AV7      | +0.07 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
| 123 | 86  | 0.14  | 108 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
|     |     | 0.45  | 116 | P2  | TWD | 15  | AV3      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
|     |     | 0.14  | 70  | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
|     |     | 0.47  | 122 | P2  | TWD | 16  | AV5      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
| 123 | 88  | 0.27  | 121 | P2  | TWD | 10  | AV7      | +0.00 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.17  | 101 | P2  | TWD | 7   | AV8      | +0.07 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.13  | 62  | P2  | TWD | 5   | AV2      | -0.18 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
| 123 | 90  | 0.16  | 130 | P2  | TWD | 7   | AV3      | +0.02 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.56  | 124 | P2  | TWD | 18  | AV4      | +0.09 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.51  | 123 | P2  | TWD | 17  | AV5      | +0.07 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.12  | 105 | P2  | TWD | 5   | AV6      | +0.02 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.23  | 140 | P2  | TWD | 9   | AV7      | +0.11 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
| 123 | 92  | 0.16  | 132 | P2  | TWD | 7   | AV2      | +0.02 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.16  | 77  | P2  | TWD | 7   | AV7      | +0.24 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
| 123 | 94  | 0.16  | 144 | P2  | TWD | 7   | AV2      | -0.02 | TEH | TEC  |     |      |   | 14  |   | COLD | 610UL |
|     |     | 0.13  | 107 | P2  | TWD | 6   | AV3      | +0.18 | TEH | TEC  |     |      |   | 14  |   | COLD | 610UL |
|     |     | 0.29  | 107 | P2  | TWD | 11  | AV4      | +0.09 | TEH | TEC  |     |      |   | 14  |   | COLD | 610UL |
| 123 | 98  | 0.12  | 134 | P2  | TWD | 5   | AV2      | +0.00 | TEH | TEC  |     |      |   | 18  |   | COLD | 610UL |
|     |     | 0.18  | 146 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |     |      |   | 18  |   | COLD | 610UL |
| 124 | 83  | 0.21  | 112 | P2  | TWD | 9   | AV3      | +0.02 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
|     |     | 0.28  | 124 | P2  | TWD | 12  | AV4      | -0.02 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
|     |     | 0.29  | 125 | P2  | TWD | 12  | AV5      | +0.02 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
|     |     | 0.21  | 97  | P2  | TWD | 9   | AV6      | +0.02 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
| 124 | 85  | 0.24  | 103 | P2  | TWD | 10  | AV2      | +0.02 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
|     |     | 0.37  | 119 | P2  | TWD | 15  | AV3      | +0.04 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
|     |     | 0.24  | 115 | P2  | TWD | 11  | AV4      | -0.02 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
|     |     | 0.45  | 127 | P2  | TWD | 17  | AV5      | +0.02 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
|     |     | 0.27  | 124 | P2  | TWD | 12  | AV8      | +0.09 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
| 124 | 87  | 0.23  | 116 | P2  | TWD | 9   | AV1      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
|     |     | 0.17  | 112 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
|     |     | 0.24  | 123 | P2  | TWD | 9   | AV4      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
|     |     | 0.34  | 125 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
|     |     | 0.15  | 111 | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
| 124 | 89  | 0.30  | 136 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC  | LAR |      |   | 8   |   | COLD | 610UL |
| 124 | 91  | 0.29  | 131 | P2  | TWD | 11  | AV6      | +0.13 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.30  | 131 | P2  | TWD | 11  | AV7      | +0.07 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.18  | 117 | P2  | TWD | 8   | AV5      | +0.07 | TEH | TEC  | LAR |      |   | 8   |   | COLD | 610UL |
| 124 | 93  | 0.15  | 138 | P2  | TWD | 6   | AV2      | +0.09 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.15  | 140 | P2  | TWD | 7   | AV4      | +0.13 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
| 125 | 82  | 0.16  | 82  | P2  | TWD | 8   | AV4      | -0.02 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |
|     |     | 0.13  | 111 | P2  | TWD | 6   | AV7      | -0.02 | TEH | TEC  |     |      |   | 2   |   | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 125 | 84  | 0.23  | 114 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.18  | 119 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.23  | 124 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
| 125 | 86  | 0.42  | 105 | P2  | TWD | 14  | AV4      | +0.07 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.42  | 102 | P2  | TWD | 14  | AV5      | -0.07 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.46  | 118 | P2  | TWD | 15  | AV6      | +0.13 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.19  | 80  | P2  | TWD | 7   | AV8      | +0.11 | TEH | TEC    |        | 5     | COLD | 610UL |
| 125 | 88  | 0.13  | 143 | P2  | TWD | 6   | AV2      | +0.13 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.16  | 134 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.14  | 144 | P2  | TWD | 6   | AV8      | +0.16 | TEH | TEC    |        | 8     | COLD | 610UL |
| 125 | 90  | 0.08  | 103 | P2  | TWD | 3   | AV1      | +0.29 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.13  | 74  | P2  | TWD | 5   | AV2      | -0.13 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.26  | 121 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.35  | 118 | P2  | TWD | 12  | AV6      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
| 125 | 92  | 0.10  | 108 | P2  | TWD | 4   | AV7      | +0.24 | TEH | TEC    |        | 7     | COLD | 610UL |
| 125 | 94  | 0.16  | 97  | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 125 | 96  | 0.20  | 111 | P2  | TWD | 8   | AV1      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 126 | 83  | 0.22  | 124 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 1     | COLD | 610UL |
| 126 | 85  | 0.39  | 121 | P2  | TWD | 14  | AV4      | +0.04 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.35  | 129 | P2  | TWD | 13  | AV7      | +0.07 | TEH | TEC    |        | 1     | COLD | 610UL |
|     |     | 0.26  | 136 | P2  | TWD | 10  | AV3      | -0.11 | TEH | TEC    |        | 1     | COLD | 610UL |
| 126 | 87  | 0.18  | 78  | P2  | TWD | 7   | AV2      | +0.09 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.18  | 97  | P2  | TWD | 7   | AV3      | +0.04 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.20  | 105 | P2  | TWD | 8   | AV5      | +0.16 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.40  | 104 | P2  | TWD | 14  | AV7      | +0.00 | TEH | TEC    |        | 5     | COLD | 610UL |
| 126 | 89  | 0.15  | 114 | P2  | TWD | 6   | AV5      | +0.24 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.27  | 106 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
| 126 | 91  | 0.15  | 88  | P2  | TWD | 6   | AV7      | -0.13 | TEH | TEC    |        | 7     | COLD | 610UL |
| 126 | 93  | 0.26  | 97  | P2  | TWD | 10  | AV2      | +0.02 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.14  | 118 | P2  | TWD | 6   | AV6      | +0.24 | TEH | TEC    |        | 7     | COLD | 610UL |
| 126 | 95  | 0.17  | 73  | P2  | TWD | 7   | AV5      | +0.00 | TEH | TEC    |        | 13    | COLD | 610UL |
| 127 | 68  | 0.17  | 132 | P2  | TWD | 7   | AV3      | +0.07 | TEH | TEC    |        | 9     | COLD | 610UL |
|     |     | 0.18  | 90  | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 9     | COLD | 610UL |
| 127 | 74  | 0.19  | 113 | P2  | TWD | 9   | AV3      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 127 | 84  | 0.36  | 98  | P2  | TWD | 14  | AV2      | +0.09 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.32  | 94  | P2  | TWD | 13  | AV3      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.28  | 83  | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.28  | 121 | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.55  | 117 | P2  | TWD | 19  | AV6      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 127 | 86  | 0.29  | 122 | P2  | TWD | 11  | AV3      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.22  | 103 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.22  | 107 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
| 127 | 88  | 0.17  | 98  | P2  | TWD | 7   | AV2      | -0.13 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.13  | 121 | P2  | TWD | 5   | AV6      | +0.20 | TEH | TEC    |        | 7     | COLD | 610UL |
| 127 | 90  | 0.25  | 131 | P2  | TWD | 10  | AV1      | +0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.24  | 134 | P2  | TWD | 10  | AV4      | +0.11 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.24  | 121 | P2  | TWD | 10  | AV7      | +0.11 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.18  | 128 | P2  | TWD | 8   | AV8      | +0.07 | TEH | TEC    |        | 8     | COLD | 610UL |
| 127 | 92  | 0.13  | 132 | P2  | TWD | 6   | AV3      | +0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.11  | 108 | P2  | TWD | 5   | AV7      | -0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
| 127 | 102 | 0.12  | 123 | P2  | TWD | 5   | AV2      | -0.02 | TEH | TEC    |        | 19    | COLD | 610UL |
| 128 | 67  | 0.12  | 63  | P2  | TWD | 6   | AV6      | -0.15 | TEH | TEC    |        | 10    | COLD | 610UL |
| 128 | 83  | 0.15  | 104 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
| 128 | 85  | 0.22  | 102 | P2  | TWD | 10  | AV2      | +0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.34  | 113 | P2  | TWD | 14  | AV3      | +0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.51  | 117 | P2  | TWD | 18  | AV5      | +0.00 | TEH | TEC    |        | 2     | COLD | 610UL |
|     |     | 0.13  | 117 | P2  | TWD | 6   | AV6      | -0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
| 128 | 87  | 0.15  | 87  | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
| 128 | 91  | 0.18  | 125 | P2  | TWD | 8   | AV2      | -0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.18  | 133 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.12  | 129 | P2  | TWD | 5   | AV5      | +0.07 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.17  | 139 | P2  | TWD | 7   | AV6      | +0.09 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.18  | 146 | P2  | TWD | 8   | AV7      | +0.04 | TEH | TEC    |        | 8     | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1   | UTIL | 2 | CAL | # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|-----|------|---|-----|---|------|-------|
| 128 | 97  | 0.16  | 112 | P2  | TWD | 7   | AV2      | +0.04 | TEH | TEC  |     |      |   | 14  |   | COLD | 610UL |
| 128 | 103 | 0.19  | 102 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |     |      |   | 20  |   | COLD | 610UL |
| 128 | 117 | 0.13  | 112 | P2  | TWD | 6   | AV7      | -0.13 | TEH | TEC  |     |      |   | 28  |   | COLD | 610UL |
|     |     | 0.12  | 98  | P2  | TWD | 6   | AV5      | -0.13 | TEH | TEC  |     |      |   | 28  |   | COLD | 610UL |
| 129 | 68  | 0.19  | 55  | P2  | TWD | 9   | AV2      | +0.00 | TEH | TEC  |     |      |   | 10  |   | COLD | 610UL |
| 129 | 84  | 0.44  | 128 | P2  | TWD | 16  | AV3      | +0.00 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
|     |     | 0.26  | 128 | P2  | TWD | 10  | AV4      | +0.00 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
|     |     | 0.33  | 131 | P2  | TWD | 13  | AV5      | +0.00 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
|     |     | 0.23  | 140 | P2  | TWD | 10  | AV7      | +0.04 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
| 129 | 86  | 0.54  | 111 | P2  | TWD | 17  | AV4      | +0.02 | TEH | TEC  |     |      |   | 5   |   | COLD | 610UL |
|     |     | 0.27  | 97  | P2  | TWD | 10  | AV5      | -0.02 | TEH | TEC  |     |      |   | 5   |   | COLD | 610UL |
|     |     | 0.51  | 110 | P2  | TWD | 16  | AV6      | +0.02 | TEH | TEC  |     |      |   | 5   |   | COLD | 610UL |
|     |     | 0.37  | 91  | P2  | TWD | 13  | AV7      | +0.02 | TEH | TEC  |     |      |   | 5   |   | COLD | 610UL |
| 129 | 88  | 0.14  | 148 | P2  | TWD | 6   | AV2      | -0.18 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.15  | 146 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
| 129 | 90  | 0.34  | 121 | P2  | TWD | 12  | AV3      | -0.07 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.55  | 118 | P2  | TWD | 17  | AV4      | +0.00 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.35  | 100 | P2  | TWD | 12  | AV5      | +0.00 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.20  | 126 | P2  | TWD | 8   | AV6      | +0.13 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.33  | 113 | P2  | TWD | 12  | AV7      | +0.11 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
| 129 | 92  | 0.13  | 129 | P2  | TWD | 5   | AV2      | +0.20 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.10  | 59  | P2  | TWD | 4   | AV3      | -0.09 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.08  | 42  | P2  | TWD | 3   | AV6      | +0.33 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.15  | 128 | P2  | TWD | 6   | AV7      | -0.11 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
| 129 | 94  | 0.18  | 105 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |     |      |   | 13  |   | COLD | 610UL |
|     |     | 0.21  | 116 | P2  | TWD | 8   | AV3      | +0.00 | TEH | TEC  |     |      |   | 13  |   | COLD | 610UL |
|     |     | 0.19  | 100 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC  |     |      |   | 13  |   | COLD | 610UL |
| 129 | 102 | 0.11  | 130 | P2  | TWD | 5   | AV2      | +0.00 | TEH | TEC  |     |      |   | 20  |   | COLD | 610UL |
|     |     | 0.17  | 112 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC  |     |      |   | 20  |   | COLD | 610UL |
|     |     | 0.29  | 117 | P2  | TWD | 12  | AV4      | +0.00 | TEH | TEC  |     |      |   | 20  |   | COLD | 610UL |
| 130 | 85  | 0.17  | 113 | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
|     |     | 0.56  | 120 | P2  | TWD | 18  | AV3      | -0.02 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
|     |     | 0.58  | 124 | P2  | TWD | 19  | AV5      | +0.04 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
|     |     | 0.45  | 134 | P2  | TWD | 16  | AV6      | +0.02 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
|     |     | 0.30  | 139 | P2  | TWD | 12  | AV7      | +0.11 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
| 130 | 87  | 0.26  | 104 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC  |     |      |   | 5   |   | COLD | 610UL |
|     |     | 0.18  | 53  | P2  | TWD | 7   | AV7      | +0.04 | TEH | TEC  |     |      |   | 5   |   | COLD | 610UL |
| 130 | 89  | 0.23  | 113 | P2  | TWD | 9   | AV2      | +0.04 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.21  | 100 | P2  | TWD | 8   | AV5      | +0.09 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.25  | 94  | P2  | TWD | 10  | AV6      | +0.11 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
| 130 | 91  | 0.20  | 103 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
|     |     | 0.24  | 107 | P2  | TWD | 9   | AV6      | +0.09 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
| 130 | 93  | 0.35  | 124 | P2  | TWD | 12  | AV2      | +0.07 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
| 130 | 95  | 0.19  | 129 | P2  | TWD | 7   | AV4      | +0.00 | TEH | TEC  |     |      |   | 13  |   | COLD | 610UL |
|     |     | 0.16  | 110 | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC  |     |      |   | 13  |   | COLD | 610UL |
|     |     | 0.15  | 107 | P2  | TWD | 6   | AV8      | +0.00 | TEH | TEC  |     |      |   | 13  |   | COLD | 610UL |
| 130 | 97  | 0.16  | 106 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |     |      |   | 13  |   | COLD | 610UL |
| 130 | 103 | 0.16  | 119 | P2  | TWD | 7   | AV2      | +0.02 | TEH | TEC  |     |      |   | 19  |   | COLD | 610UL |
|     |     | 0.15  | 127 | P2  | TWD | 6   | AV4      | -0.04 | TEH | TEC  |     |      |   | 19  |   | COLD | 610UL |
| 131 | 82  | 0.27  | 100 | P2  | TWD | 11  | AV4      | +0.33 | TEH | TEC  |     |      |   | 1   |   | COLD | 610UL |
| 131 | 86  | 0.19  | 104 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
|     |     | 0.20  | 112 | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
|     |     | 0.44  | 118 | P2  | TWD | 15  | AV6      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
|     |     | 0.42  | 124 | P2  | TWD | 14  | AV7      | +0.00 | TEH | TEC  |     |      |   | 6   |   | COLD | 610UL |
|     |     | 0.14  | 108 | P2  | TWD | 6   | AV8      | +0.00 | TEH | TEC  | LAR |      |   | 6   |   | COLD | 610UL |
| 131 | 88  | 0.20  | 112 | P2  | TWD | 8   | AV6      | +0.07 | TEH | TEC  |     |      |   | 7   |   | COLD | 610UL |
| 131 | 90  | 0.35  | 136 | P2  | TWD | 13  | AV1      | -0.02 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.13  | 137 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.18  | 128 | P2  | TWD | 8   | AV3      | -0.02 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |
|     |     | 0.11  | 150 | P2  | TWD | 5   | AV7      | +0.13 | TEH | TEC  |     |      |   | 8   |   | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|------|-------|
| 131 | 92  | 0.12  | 151 | P2  | TWD | 5   | AV3      | -0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.14  | 142 | P2  | TWD | 6   | AV6      | +0.11 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.15  | 142 | P2  | TWD | 7   | AV7      | +0.07 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.10  | 130 | P2  | TWD | 5   | AV8      | +0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
| 131 | 94  | 0.21  | 101 | P2  | TWD | 9   | AV3      | +0.33 | TEH | TEC    |        | 14    | COLD | 610UL |
| 131 | 102 | 0.15  | 128 | P2  | TWD | 6   | AV2      | -0.07 | TEH | TEC    |        | 19    | COLD | 610UL |
| 131 | 104 | 0.13  | 75  | P2  | TWD | 6   | AV3      | +0.20 | TEH | TEC    | LAR    | 19    | COLD | 610UL |
| 132 | 67  | 0.25  | 102 | P2  | TWD | 11  | AV8      | +0.00 | TEH | TEC    |        | 10    | COLD | 610UL |
| 132 | 71  | 0.20  | 124 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 4     | COLD | 610UL |
| 132 | 85  | 0.17  | 64  | P2  | TWD | 8   | AV3      | +0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
| 132 | 87  | 0.24  | 122 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
|     |     | 0.17  | 135 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        | 6     | COLD | 610UL |
| 132 | 89  | 0.26  | 133 | P2  | TWD | 10  | AV4      | +0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
| 132 | 91  | 0.33  | 138 | P2  | TWD | 13  | AV5      | +0.04 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.18  | 132 | P2  | TWD | 8   | AV6      | +0.09 | TEH | TEC    |        | 8     | COLD | 610UL |
| 132 | 93  | 0.15  | 145 | P2  | TWD | 6   | AV4      | -0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.12  | 149 | P2  | TWD | 5   | AV6      | +0.02 | TEH | TEC    |        | 8     | COLD | 610UL |
| 132 | 95  | 0.14  | 115 | P2  | TWD | 6   | AV4      | -0.09 | TEH | TEC    |        | 14    | COLD | 610UL |
| 132 | 103 | 0.17  | 125 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 20    | COLD | 610UL |
|     |     | 0.15  | 105 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 20    | COLD | 610UL |
|     |     | 0.32  | 126 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC    |        | 20    | COLD | 610UL |
|     |     | 0.15  | 112 | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC    |        | 20    | COLD | 610UL |
| 133 | 68  | 0.25  | 97  | P2  | TWD | 11  | AV5      | +0.00 | TEH | TEC    | LAR    | 10    | COLD | 610UL |
| 133 | 70  | 0.15  | 112 | P2  | TWD | 6   | AV6      | +0.04 | TEH | TEC    |        | 9     | COLD | 610UL |
| 133 | 82  | 0.15  | 126 | P2  | TWD | 7   | AV6      | +0.02 | TEH | TEC    |        | 2     | COLD | 610UL |
| 133 | 86  | 0.17  | 62  | P2  | TWD | 7   | AV6      | +0.16 | TEH | TEC    |        | 5     | COLD | 610UL |
|     |     | 0.17  | 65  | P2  | TWD | 7   | AV4      | +0.04 | TEH | TEC    | LAR    | 5     | COLD | 610UL |
| 133 | 88  | 0.20  | 139 | P2  | TWD | 8   | AV2      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
|     |     | 0.20  | 121 | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        | 8     | COLD | 610UL |
| 133 | 90  | 0.30  | 116 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.26  | 124 | P2  | TWD | 10  | AV3      | -0.04 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.63  | 119 | P2  | TWD | 19  | AV4      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.64  | 110 | P2  | TWD | 19  | AV5      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.36  | 127 | P2  | TWD | 13  | AV6      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.62  | 120 | P2  | TWD | 19  | AV8      | +0.00 | TEH | TEC    |        | 7     | COLD | 610UL |
| 133 | 92  | 0.12  | 129 | P2  | TWD | 5   | AV2      | +0.22 | TEH | TEC    |        | 7     | COLD | 610UL |
|     |     | 0.24  | 113 | P2  | TWD | 9   | AV7      | +0.02 | TEH | TEC    |        | 7     | COLD | 610UL |
| 133 | 102 | 0.24  | 117 | P2  | TWD | 10  | AV2      | +0.00 | TEH | TEC    |        | 20    | COLD | 610UL |
|     |     | 0.15  | 132 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 20    | COLD | 610UL |
| 134 | 67  | 0.38  | 103 | P2  | TWD | 13  | AV4      | -0.28 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.27  | 102 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.23  | 111 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.19  | 114 | P2  | TWD | 7   | AV3      | +0.11 | TEH | TEC    |        | 80    | COLD | 610UL |
| 134 | 71  | 0.25  | 125 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 102   | COLD | 610UL |
| 134 | 73  | 0.17  | 99  | P2  | TWD | 7   | AV8      | +0.07 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.13  | 70  | P2  | TWD | 5   | AV7      | -0.15 | TEH | TEC    |        | 80    | COLD | 610UL |
| 134 | 77  | 0.14  | 67  | P2  | TWD | 6   | AV4      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
| 134 | 79  | 0.11  | 56  | P2  | TWD | 5   | AV6      | +0.00 | TEH | TEC    | LAR    | 80    | COLD | 610UL |
| 134 | 85  | 0.16  | 116 | P2  | TWD | 6   | AV8      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.13  | 123 | P2  | TWD | 5   | AV7      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.54  | 98  | P2  | TWD | 17  | AV6      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.27  | 100 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.21  | 103 | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.12  | 121 | P2  | TWD | 5   | AV1      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
| 134 | 87  | 0.13  | 75  | P2  | TWD | 5   | AV5      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
| 134 | 89  | 0.14  | 86  | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.25  | 107 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.28  | 101 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.29  | 97  | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.19  | 125 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |
|     |     | 0.17  | 52  | P2  | TWD | 7   | AV2      | +0.00 | TEH | TEC    |        | 80    | COLD | 610UL |

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |       |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|--------|--------|-------|-----|-------|-------|
| 134 | 91  | 0.37  | 129 | P2  | TWD | 12  | AV8      | +0.11 | TEH | TEC    |        |       | 102 | COLD  | 610UL |
|     |     | 0.18  | 134 | P2  | TWD | 7   | AV7      | -0.11 | TEH | TEC    |        |       | 102 | COLD  | 610UL |
|     |     | 0.20  | 121 | P2  | TWD | 8   | AV6      | +0.18 | TEH | TEC    |        |       | 102 | COLD  | 610UL |
|     |     | 0.23  | 134 | P2  | TWD | 8   | AV5      | +0.13 | TEH | TEC    |        |       | 102 | COLD  | 610UL |
| 134 | 93  | 0.19  | 113 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
| 134 | 103 | 0.32  | 112 | P2  | TWD | 11  | AV8      | +0.02 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.22  | 111 | P2  | TWD | 8   | AV7      | +0.04 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.14  | 82  | P2  | TWD | 6   | AV6      | +0.07 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.32  | 109 | P2  | TWD | 11  | AV5      | +0.33 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.23  | 99  | P2  | TWD | 9   | AV4      | -0.24 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.13  | 70  | P2  | TWD | 5   | AV3      | -0.33 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.17  | 99  | P2  | TWD | 7   | AV2      | -0.20 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
| 135 | 76  | 0.17  | 106 | P2  | TWD | 7   | AV7      | +0.09 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.12  | 123 | P2  | TWD | 5   | AV6      | +0.07 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
| 135 | 78  | 0.12  | 111 | P2  | TWD | 5   | AV2      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
| 135 | 80  | 0.14  | 79  | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.13  | 62  | P2  | TWD | 5   | AV2      | +0.09 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
| 135 | 82  | 0.15  | 105 | P2  | TWD | 6   | AV7      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.26  | 126 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.29  | 115 | P2  | TWD | 10  | AV5      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
| 135 | 84  | 0.19  | 115 | P2  | TWD | 7   | AV6      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.25  | 89  | P2  | TWD | 9   | AV5      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.42  | 106 | P2  | TWD | 14  | AV4      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
| 135 | 90  | 0.27  | 111 | P2  | TWD | 10  | AV8      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.46  | 98  | P2  | TWD | 15  | AV6      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.21  | 98  | P2  | TWD | 8   | AV5      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.21  | 61  | P2  | TWD | 8   | AV4      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.19  | 121 | P2  | TWD | 7   | AV3      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.16  | 109 | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.13  | 98  | P2  | TWD | 5   | AV1      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.29  | 122 | P2  | TWD | 10  | AV7      | +0.04 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
| 135 | 92  | 0.30  | 87  | P2  | TWD | 11  | AV7      | +0.04 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.15  | 69  | P2  | TWD | 6   | AV6      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.14  | 102 | P2  | TWD | 5   | AV2      | +0.07 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
| 135 | 94  | 0.11  | 97  | P2  | TWD | 5   | AV6      | +0.02 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.18  | 123 | P2  | TWD | 7   | AV3      | +0.13 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
| 135 | 96  | 0.26  | 123 | P2  | TWD | 9   | AV3      | +0.04 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.31  | 108 | P2  | TWD | 11  | AV2      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
|     |     | 0.14  | 63  | P2  | TWD | 6   | AV1      | +0.00 | TEH | TEC    |        |       | 80  | COLD  | 610UL |
| 136 | 83  | 0.29  | 125 | P2  | TWD | 11  | AV6      | +0.11 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
|     |     | 0.17  | 81  | P2  | TWD | 7   | AV4      | -0.07 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
| 136 | 85  | 0.17  | 140 | P2  | TWD | 7   | AV8      | +0.07 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
|     |     | 0.53  | 130 | P2  | TWD | 17  | AV7      | +0.13 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
|     |     | 0.31  | 118 | P2  | TWD | 11  | AV6      | +0.07 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
|     |     | 0.15  | 132 | P2  | TWD | 6   | AV5      | +0.09 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
|     |     | 0.36  | 128 | P2  | TWD | 13  | AV4      | +0.04 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
|     |     | 0.25  | 129 | P2  | TWD | 10  | AV3      | +0.13 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
| 136 | 87  | 0.20  | 129 | P2  | TWD | 8   | AV6      | +0.02 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
|     |     | 0.16  | 137 | P2  | TWD | 6   | AV5      | +0.00 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
|     |     | 0.31  | 130 | P2  | TWD | 11  | AV4      | -0.02 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
| 136 | 89  | 0.25  | 126 | P2  | TWD | 10  | AV7      | +0.16 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
|     |     | 0.28  | 129 | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
|     |     | 0.30  | 131 | P2  | TWD | 11  | AV4      | +0.00 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
|     |     | 0.25  | 117 | P2  | TWD | 10  | AV3      | +0.00 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
| 136 | 91  | 0.29  | 131 | P2  | TWD | 11  | AV7      | +0.11 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
|     |     | 0.26  | 136 | P2  | TWD | 10  | AV6      | +0.07 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
|     |     | 0.37  | 125 | P2  | TWD | 13  | AV5      | +0.09 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
|     |     | 0.56  | 119 | P2  | TWD | 18  | AV4      | +0.11 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
|     |     | 0.50  | 121 | P2  | TWD | 16  | AV3      | +0.04 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
|     |     | 0.39  | 120 | P2  | TWD | 14  | AV2      | +0.02 | TEH | TEC    |        |       | 81  | COLD  | 610UL |
|     |     | 0.19  | 136 | P2  | TWD | 8   | AV1      | +0.02 | TEH | TEC    |        |       | 81  | COLD  | 610UL |

St. Lucie Unit 2  
Steam Generator Tube Inspection Report  
Attachment 2 to Enclosure 1

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**SG 2B Wear Indications 1-19% TWD at AVB locations (continued)**

| ROW | COL | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT   | EXT | UTIL | 1   | UTIL | 2 | CAL # | LEG  | PROBE |
|-----|-----|-------|-----|-----|-----|-----|----------|-------|-----|------|-----|------|---|-------|------|-------|
| 137 | 90  | 0.25  | 105 | P2  | TWD | 9   | AV7      | +0.00 | TEH | TEC  |     |      |   | 80    | COLD | 610UL |
|     |     | 0.25  | 113 | P2  | TWD | 9   | AV6      | +0.00 | TEH | TEC  |     |      |   | 80    | COLD | 610UL |
|     |     | 0.16  | 123 | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC  |     |      |   | 80    | COLD | 610UL |
|     |     | 0.41  | 110 | P2  | TWD | 14  | AV2      | +0.00 | TEH | TEC  |     |      |   | 80    | COLD | 610UL |
|     |     | 0.18  | 78  | P2  | TWD | 7   | AV1      | +0.00 | TEH | TEC  |     |      |   | 80    | COLD | 610UL |
|     |     | 0.48  | 119 | P2  | TWD | 15  | AV4      | +0.15 | TEH | TEC  |     |      |   | 80    | COLD | 610UL |
|     |     | 0.14  | 86  | P2  | TWD | 6   | AV8      | +0.00 | TEH | TEC  | LAR |      |   | 80    | COLD | 610UL |
| 138 | 85  | 0.17  | 67  | P2  | TWD | 7   | AV7      | +0.00 | TEH | TEC  |     |      |   | 80    | COLD | 610UL |
|     |     | 0.27  | 98  | P2  | TWD | 10  | AV6      | +0.00 | TEH | TEC  |     |      |   | 80    | COLD | 610UL |
|     |     | 0.11  | 88  | P2  | TWD | 5   | AV5      | +0.00 | TEH | TEC  |     |      |   | 80    | COLD | 610UL |
|     |     | 0.38  | 108 | P2  | TWD | 13  | AV4      | +0.00 | TEH | TEC  |     |      |   | 80    | COLD | 610UL |
|     |     | 0.15  | 75  | P2  | TWD | 6   | AV3      | +0.00 | TEH | TEC  |     |      |   | 80    | COLD | 610UL |
|     |     | 0.15  | 92  | P2  | TWD | 6   | AV2      | +0.00 | TEH | TEC  |     |      |   | 80    | COLD | 610UL |
| 139 | 92  | 0.16  | 136 | P2  | TWD | 7   | AV7      | +0.02 | TEH | TEC  |     |      |   | 81    | COLD | 610UL |

Total Tubes : 815  
Total Records: 2095