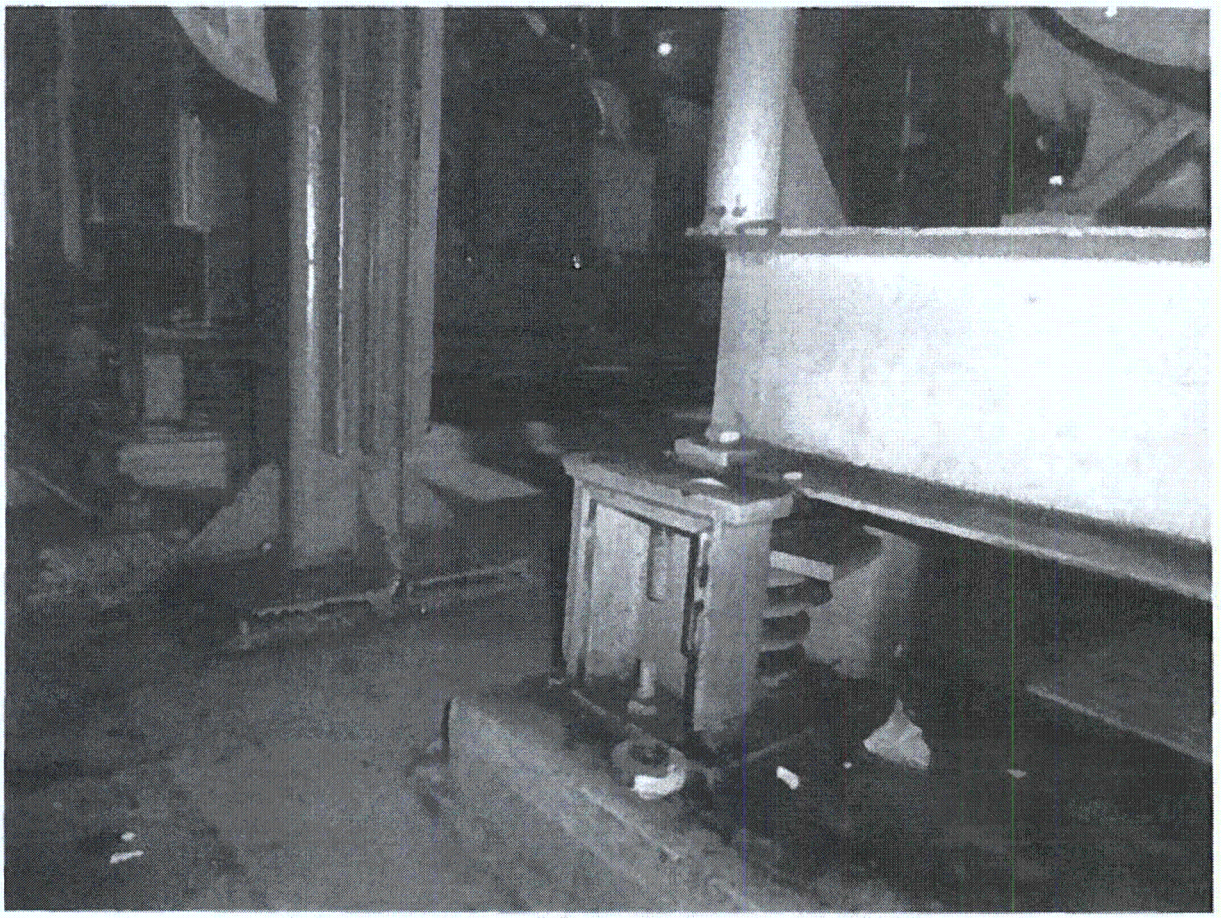
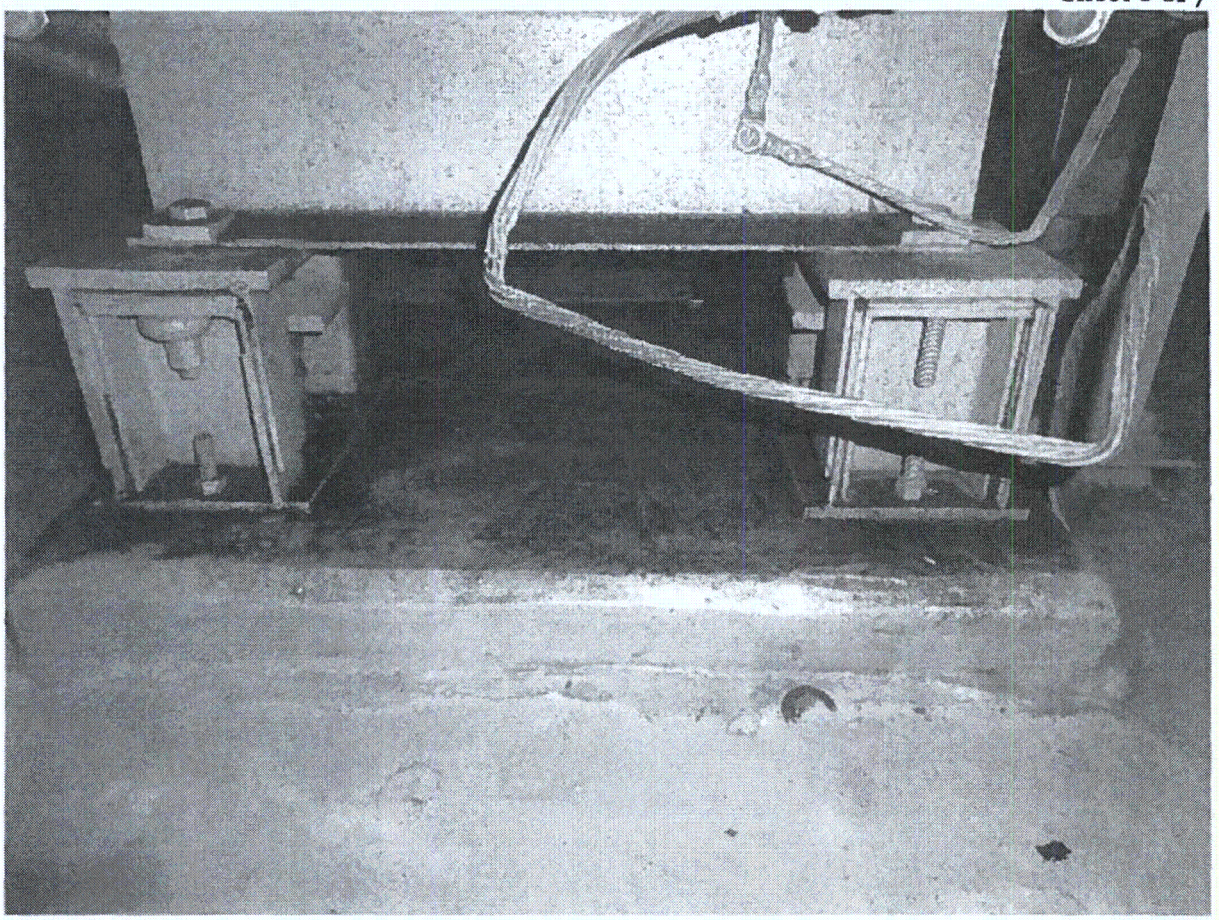
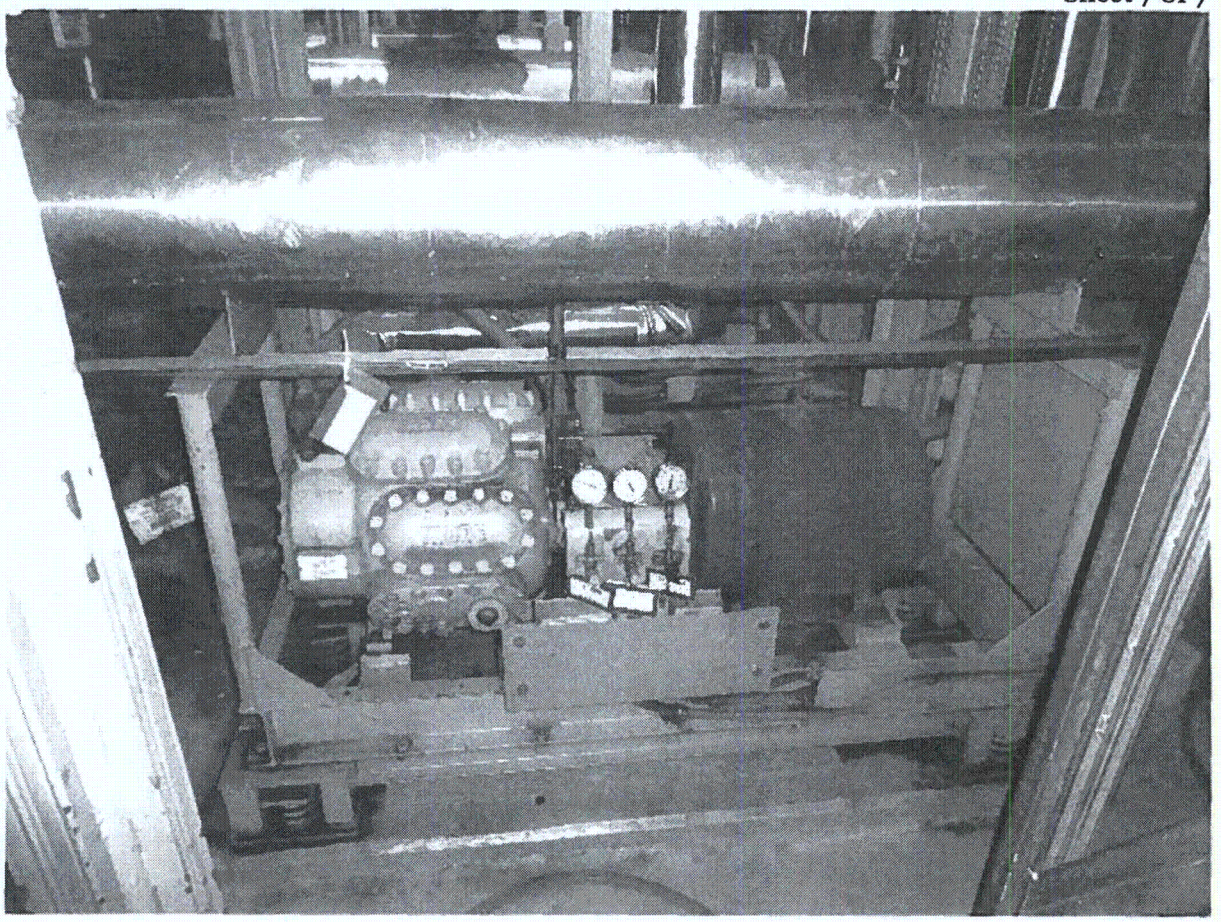


3: Southwest Support Missing Hardware (1Z41-B008A)



4: Southeast Support Missing Hardware (1Z41-B008A)



5: Pipe Supported by Steel Frame Over Equipment (1Z41-B008A)

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R43-C001A* Equip. Class[1] *12*

Equipment Description *DG 1A AIR COMPRESSOR 1A1*

Location: Bldg. *DIESEL* Floor El. *130* Room, Area *DIESEL GENERATOR ROOM 1A*

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☐ N☒

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☐ N☐ U☐ N/A☒

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[1] Enter the equipment class name from Appendix B: Classes of Equipment.

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R43-C001A* Equip. Class[1] *12*

Equipment Description *DG 1A AIR COMPRESSOR 1A1*

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐
   There is a 1" diameter pipe which has an angle column support with a base plate containing an anchor that is missing a nut and washer (see photographs 3 and 4). The support has a small load as it only supports this pipe which spans an approximate total of 20 feet. The three (3) properly installed anchors are judged to be seismically adequate. CR 525155 has been written to replace the anchor with a nut and washer.

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐
    There is a missing screw on the fan belt housing cover plate for 1R43-C001A (see photograph 5). There are 7 other screws which are determined to be adequate to secure the cover plate. It is judged to be seismically adequate. CR 524556 has been written to install the missing screw.

Comments (Additional pages may be added as necessary)

See 1R43-F015A for AWC information.

Evaluated by: *Juan Vizcaya* Date: *09/25/2012*

Patrick Kelly *09/25/2012*

Status: Y☒ N☐ U☐

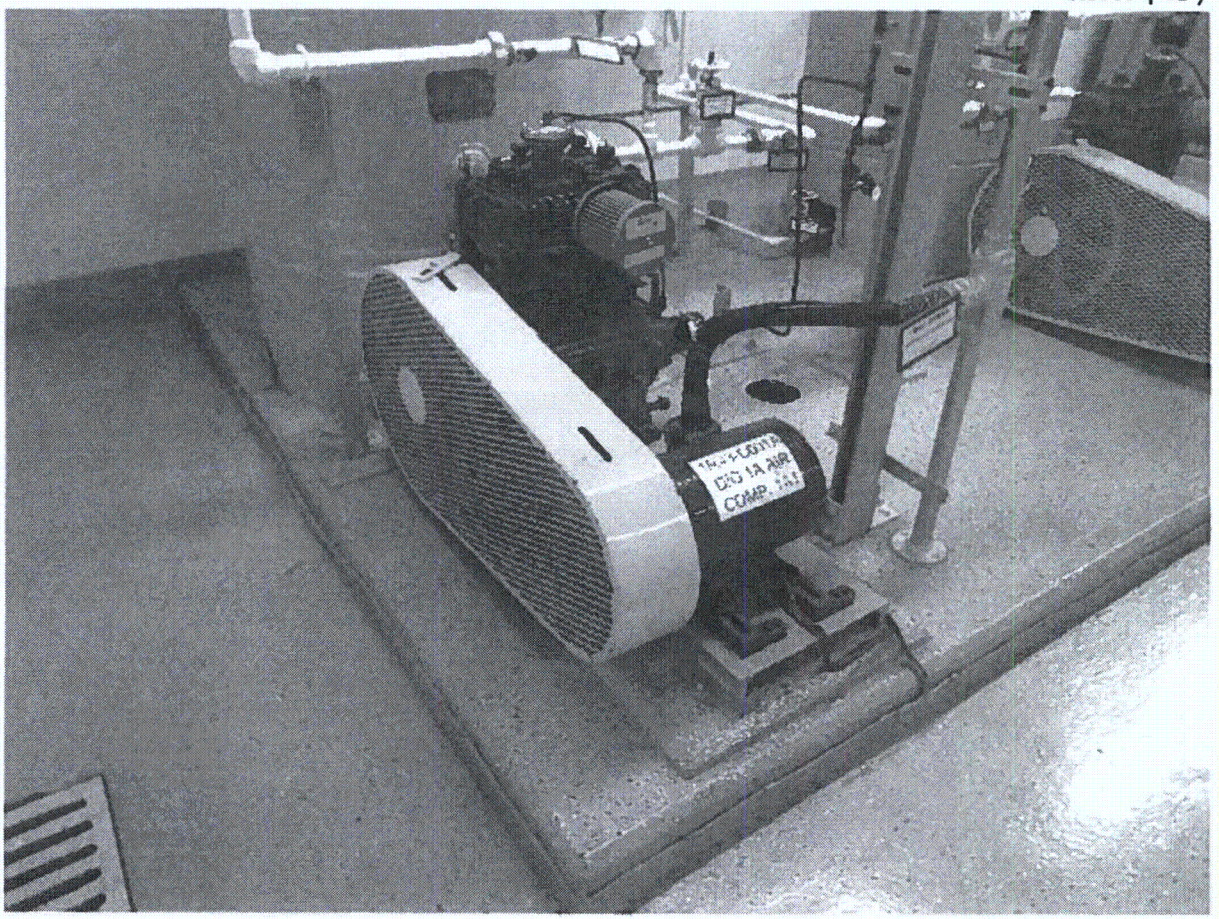
Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R43-C001A* Equip. Class[1] *12*

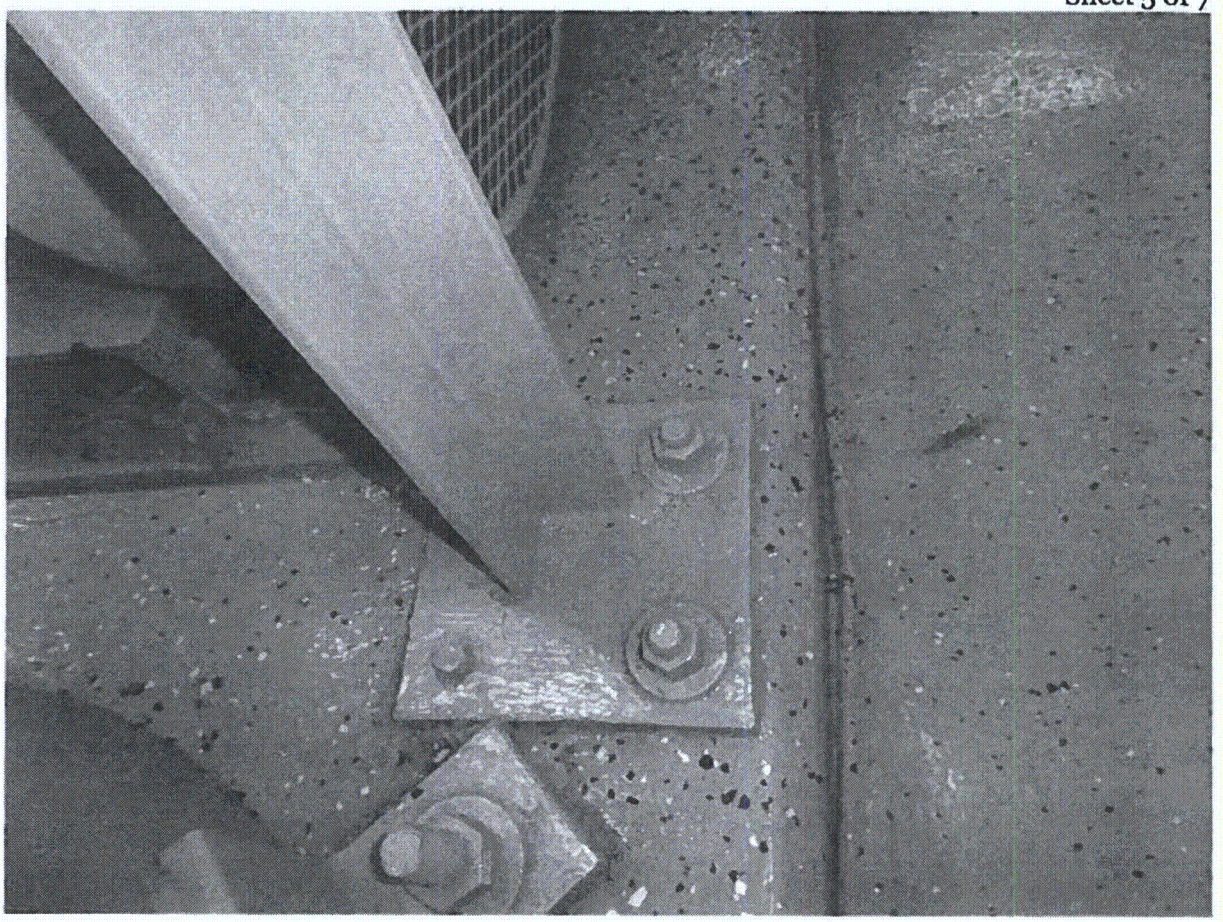
Equipment Description *DG 1A AIR COMPRESSOR 1A1*

Photographs

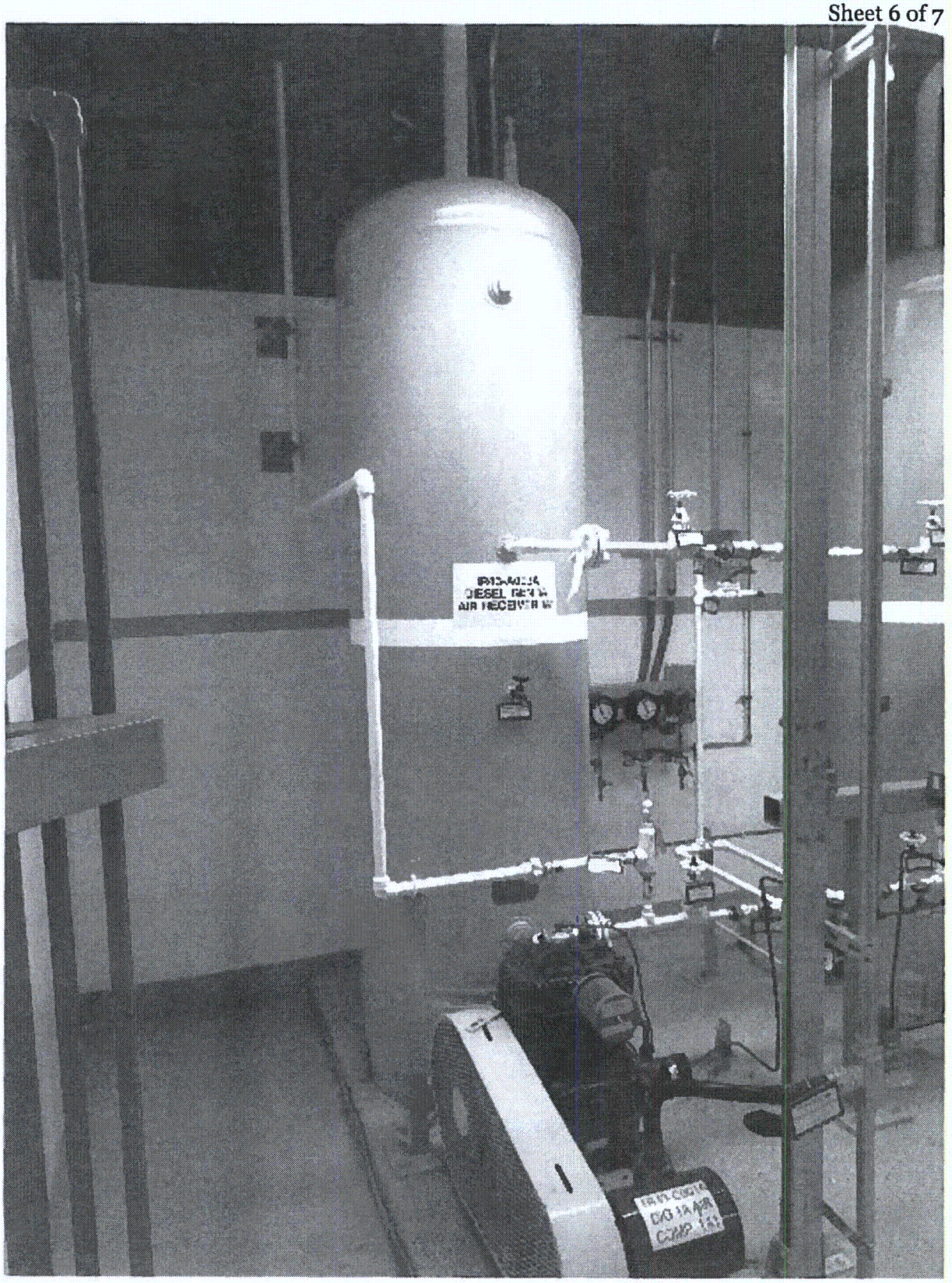
1: Equipment MPL# (1R43-C001A)



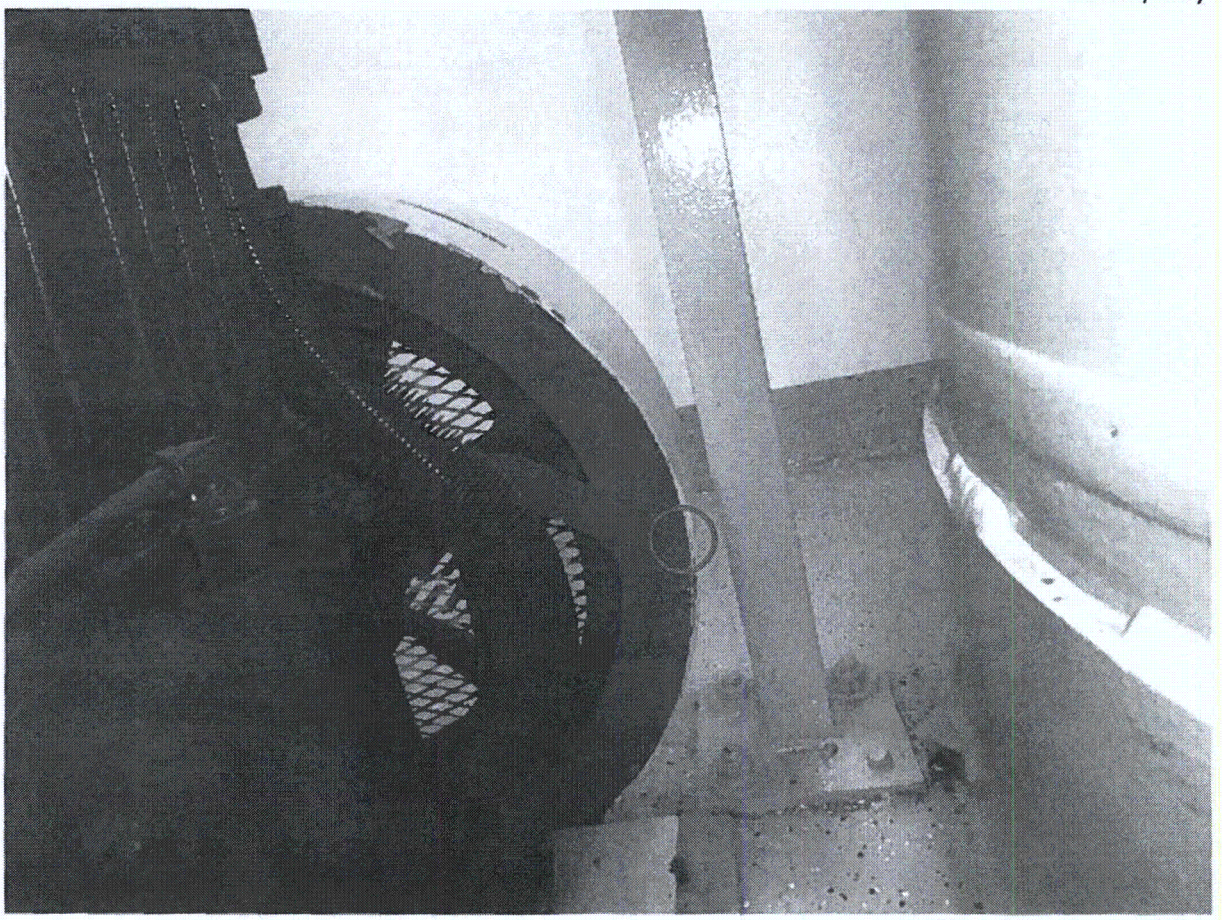
2: Equipment Elevation (1R43-C001A)



3: Missing Washer and Nut on Base Plate Anchor (1R43-C001A)



4: Elevation of Pipe Supported by 3 Anchors in Base Plate (1R43-C001A)



5: Missing Screw in Fan Belt Housing Enclosure (1R43-C001A)

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R43-C001B* Equip. Class[1] *12*

Equipment Description *DG 1B AIR COMPRESSOR 1B1*

Location: Bldg. *DIESEL* Floor El. *130* Room, Area *DIESEL GENERATOR ROOM 1B*

Manufacturer, Model, Etc. (optional but recommended) *PATTON'S INC.*

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☐ N☒

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐
   The compressor is elevated on the web of a steel channel, which has four (4) angles welded at the corners of the channel flanges. The angles have bolts anchored to a concrete pad.

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☐ N☐ U☐ N/A☒

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[1] Enter the equipment class name from Appendix B: Classes of Equipment.

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R43-C001B* Equip. Class[1] *12*

Equipment Description *DG 1B AIR COMPRESSOR 1B1*

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐

Comments (Additional pages may be added as necessary)

See SWC for 1R43-S001B for the AWC information.

Evaluated by: *Juan Vizcaya* Date: *09/12/2012*

Patrick Kelly *09/12/2012*

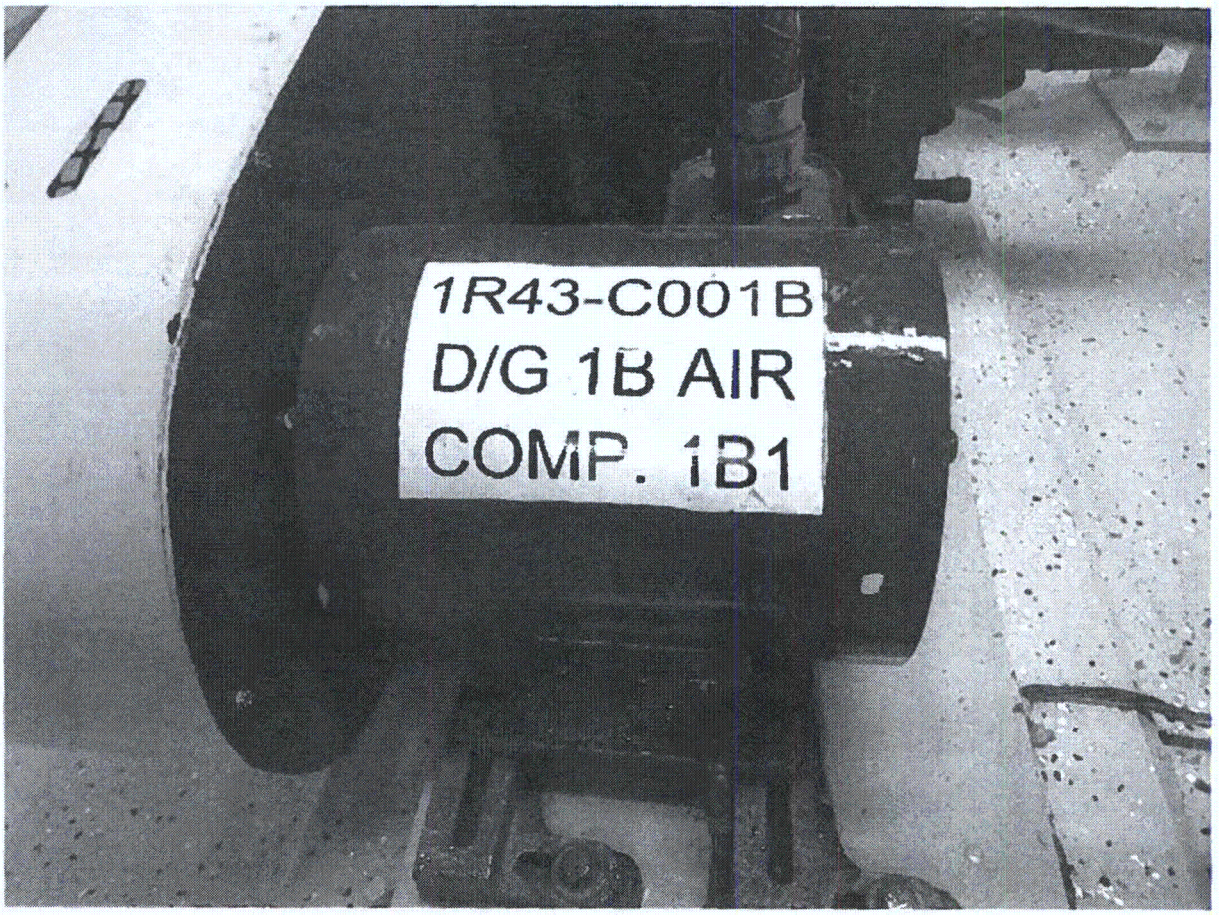
Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

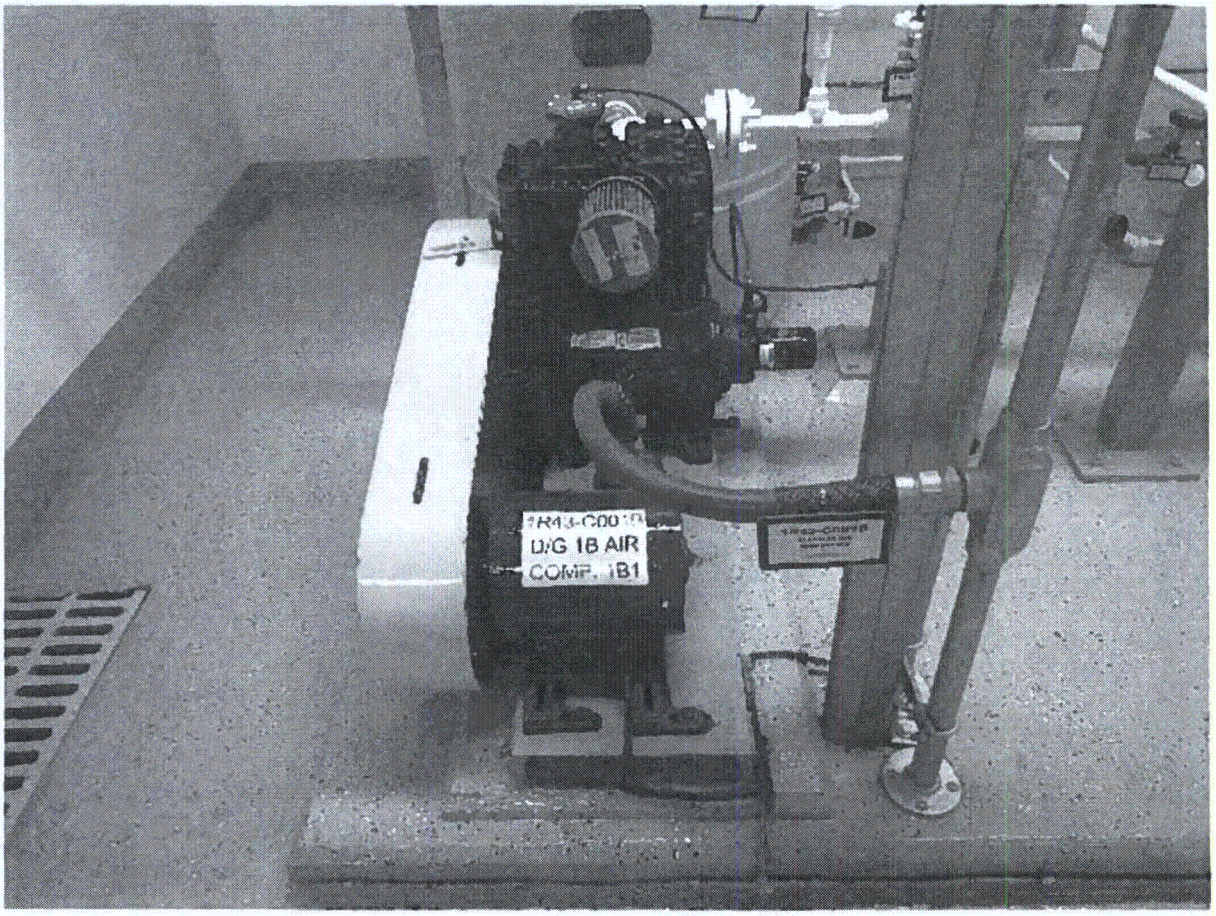
Equipment ID No. *1R43-C001B* Equip. Class[1] *12*

Equipment Description *DG 1B AIR COMPRESSOR 1B1*

Photographs



1: Equipment MPL# (1R43-C001B)



2: Equipment Elevation (1R43-C001B)

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R43-C010B* Equip. Class[1] *12*

Equipment Description *DG 1B AIR COMPRESSOR 1B2*

Location: Bldg. *DIESEL* Floor El. *130* Room, Area *DIESEL GENERATOR ROOM 1B*

Manufacturer, Model, Etc. (optional but recommended) *PATTON'S INC.*

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☐ N☒

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐
   The compressor is elevated on the web of a steel channel, which has four (4) angles welded at the corners of the channel flanges. The angles have bolts anchored to a concrete pad.

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☐ N☐ U☐ N/A☒

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[1] Enter the equipment class name from Appendix B: Classes of Equipment.

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R43-C010B* Equip. Class[1] *12*

Equipment Description *DG 1B AIR COMPRESSOR 1B2*

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐

Comments (Additional pages may be added as necessary)

See 1R43-S001B for AWC information.

Fan belt housing enclosure exhibited holes in the grid cover (see picture 3). CR 516335 has been written to resolve this issue.

Evaluated by: *Juan Vizcaya* Date: *09/12/2012*

Patrick Kelly *09/12/2012*

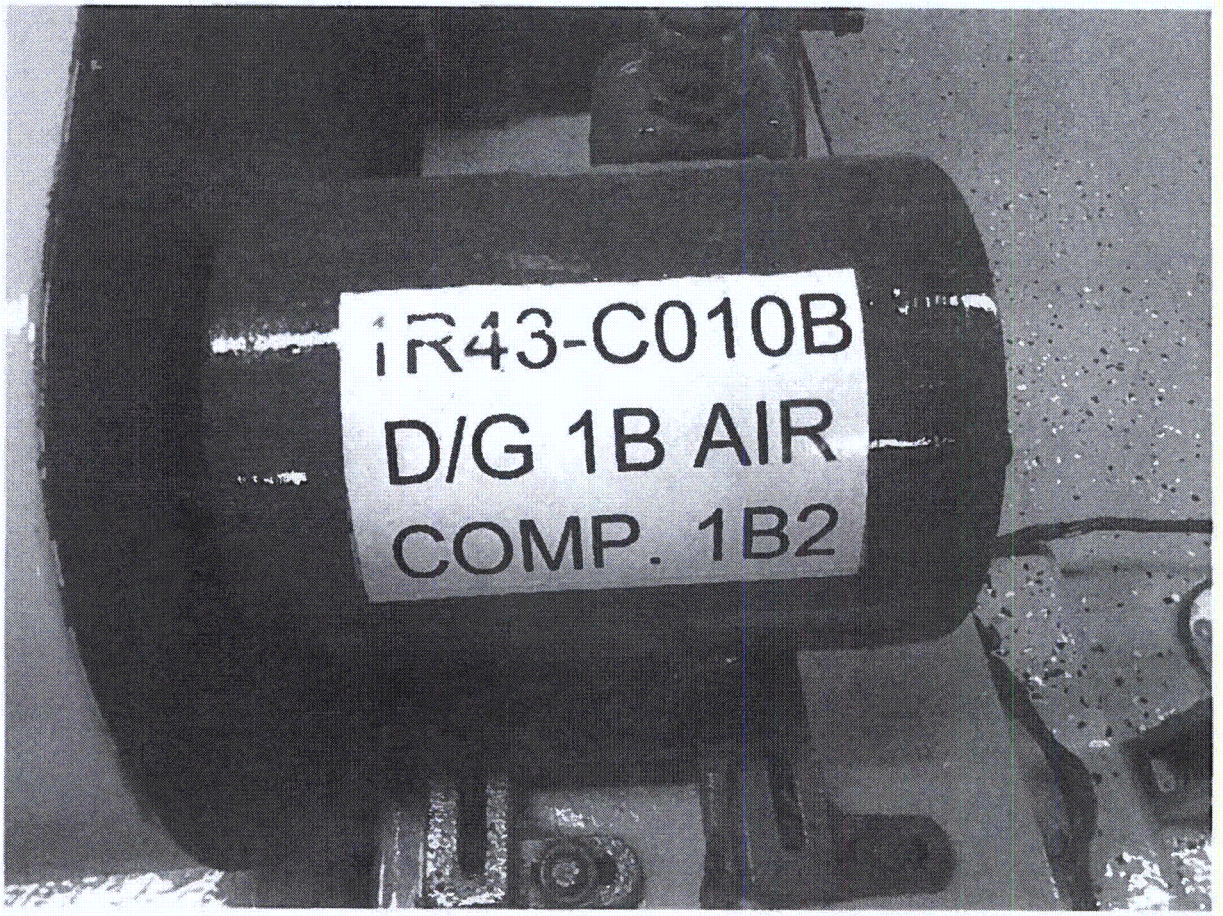
Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R43-C010B* Equip. Class[1] *12*

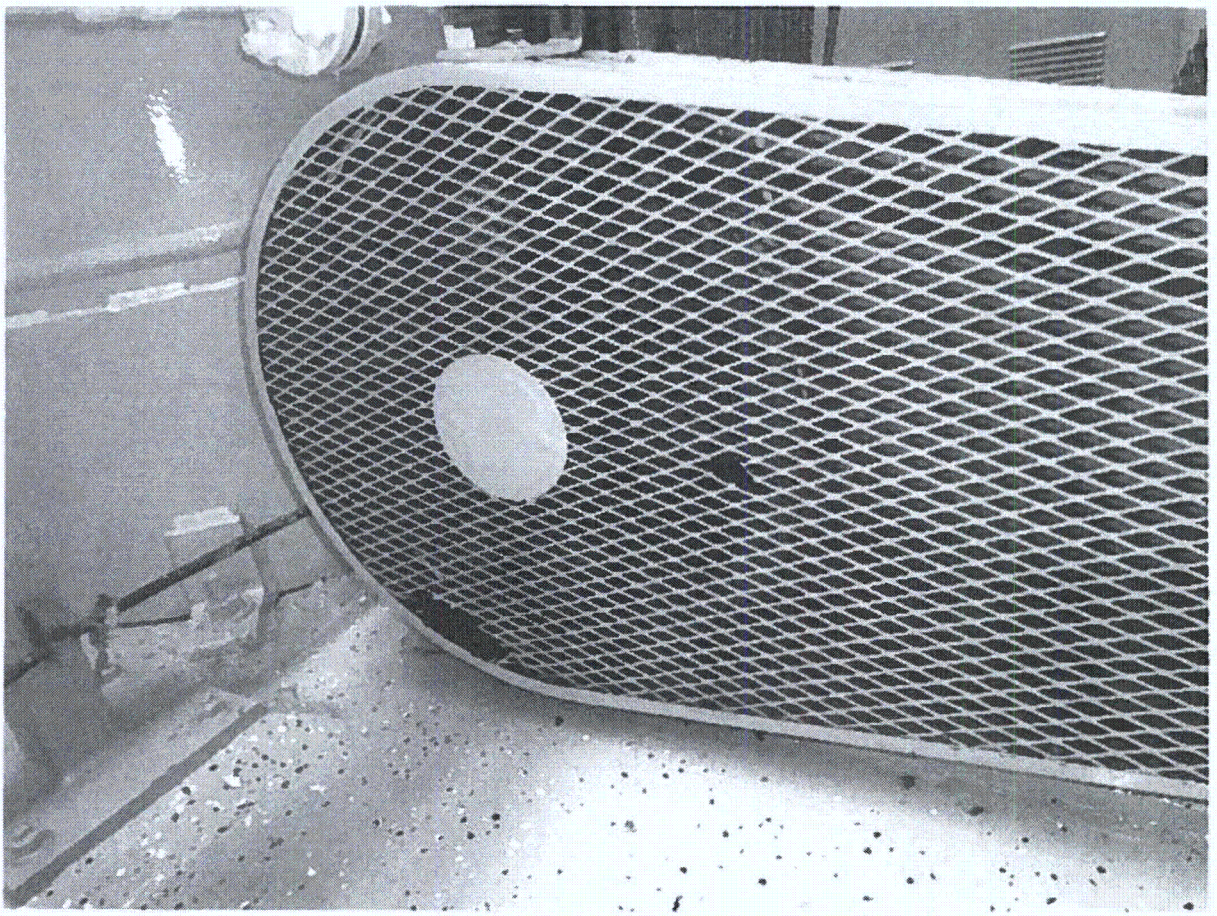
Equipment Description *DG 1B AIR COMPRESSOR 1B2*

Photographs



1: Equipment MPL# (1R43-C010B)

2: Equipment Elevation (1R43-C010B)



3: Fan Belt Enclosure Damage (1R43-C010B)

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R43-C010C* Equip. Class[1] *12*

Equipment Description *DG 1C AIR COMPRESSOR 1C2*

Location: Bldg. *DIESEL* Floor El. *130* Room, Area *DIESEL GENERATOR ROOM 1C*

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☐ N☒

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐
   The compressor is elevated on the web of a steel channel, which has four (4) angles welded at the corners of the channel flanges. The angles have bolts anchored to a concrete pad.

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☐ N☐ U☐ N/A☒

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[1] Enter the equipment class name from Appendix B: Classes of Equipment.

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R43-C010C* Equip. Class[1] *12*

Equipment Description *DG 1C AIR COMPRESSOR 1C2*

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐

Comments (Additional pages may be added as necessary)

See 1R43-S001C for AWC information.

The fan belt enclosure is missing two (2) screws for the fan belt housing enclosure (see photograph 3). CR 516348 has been written to resolve this issue.

Evaluated by: *Juan Vizcaya* Date: *09/12/2012*

Patrick Kelly *09/12/2012*

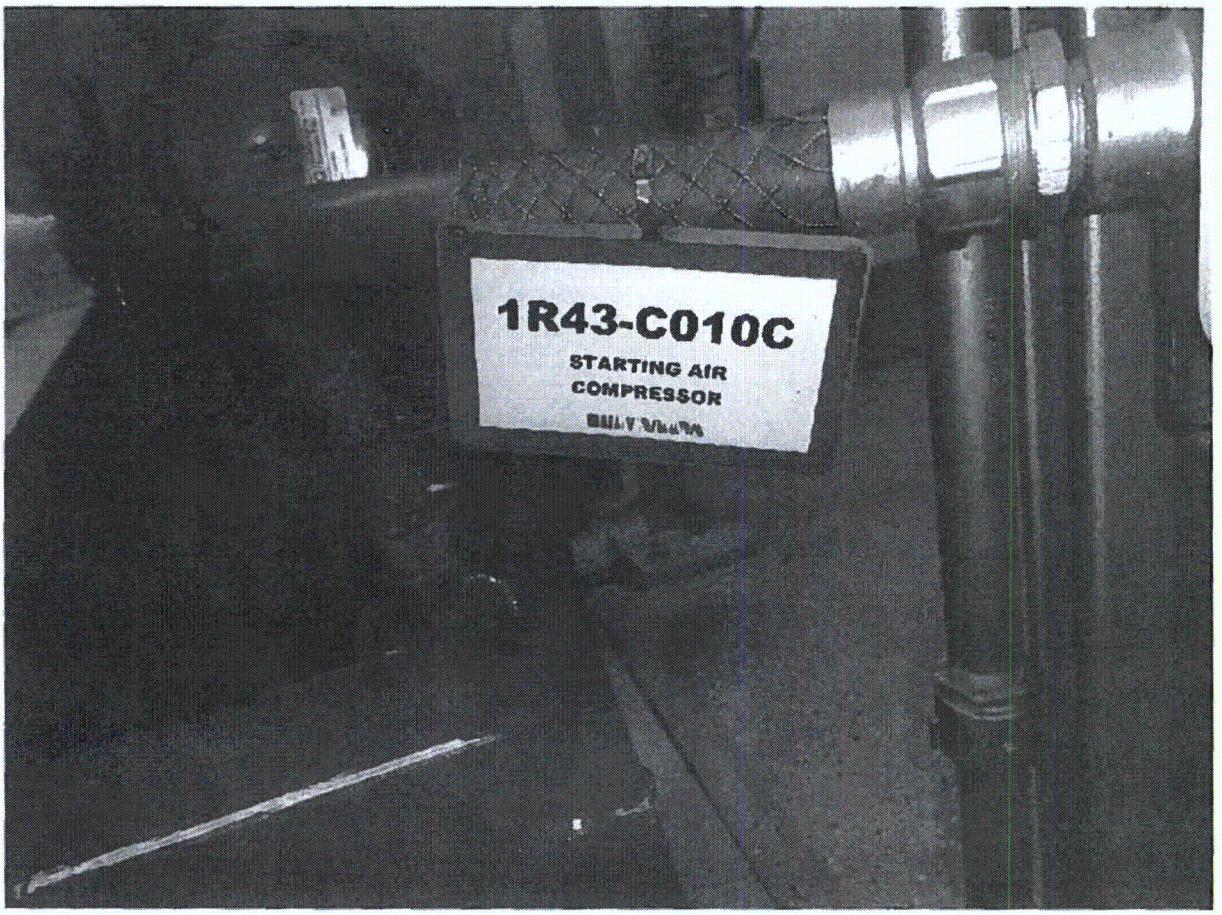
Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

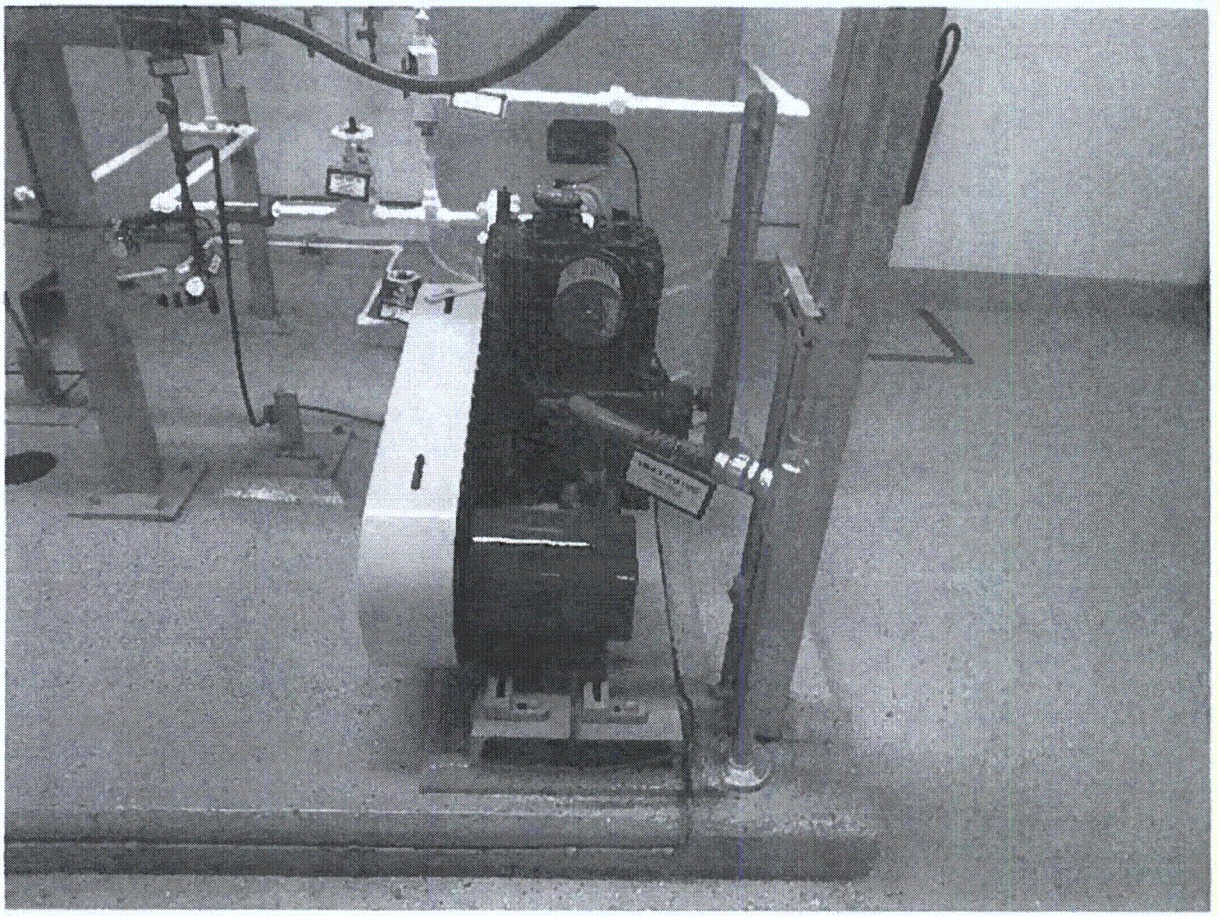
Equipment ID No. *1R43-C010C* Equip. Class[1] *12*

Equipment Description *DG 1C AIR COMPRESSOR 1C2*

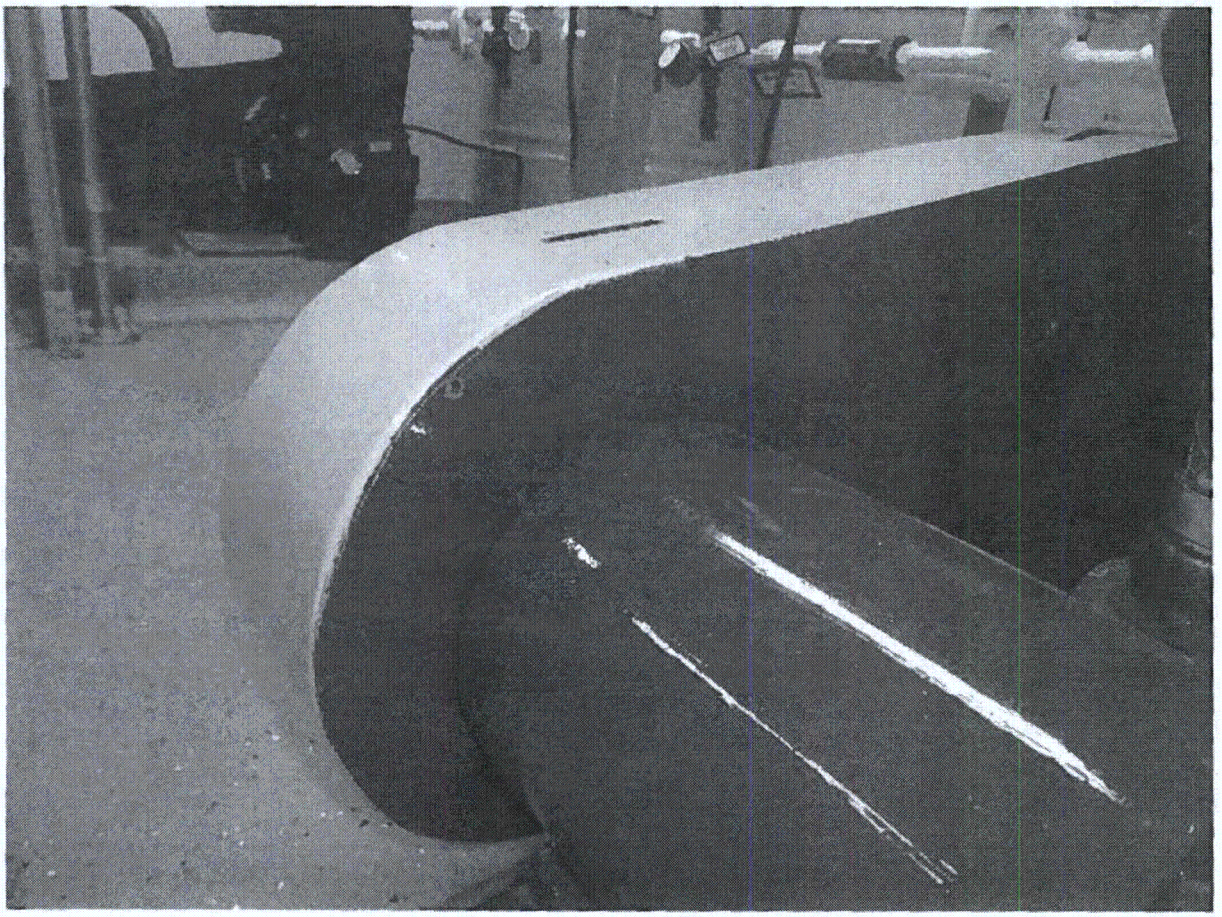
Photographs



1: Equipment MPL# (1R43-C010C)



2: Equipment Elevation (1R43-C010C)



3: Fan Belt Enclosure Missing Screws (1R43-C010C)

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1C71-S001A* Equip. Class[1] *13*

Equipment Description *RPS MG Set A Motor Generator*

Location: Bldg. *CONTROL* Floor El. *130* Room, Area *TE-T12*

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☐ N☒

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☐ N☐ U☐ N/A☒

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[1] Enter the equipment class name from Appendix B: Classes of Equipment.

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1C71-S001A* Equip. Class[1] *13*

Equipment Description *RPS MG Set A Motor Generator*

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐
   The seismic capacity of the Concrete Block Walls C130-47E, C130-50B, C130-51A and C130-54A surrounding the Motor Generator were verified using Drawing H-40383 Rev. 2 and Hatch Unit 2 UFSAR Table 3.8-20.
   There is a fluorescent light fixture without a cover located over the component. The light is tied to the ceiling, so during a seismic event, only the bulb could fall. The motor generator is very rugged and is judged to have sufficient strength as to make a possible impact between the motor generator and the bulb will be insignificant. Therefore, it is judged to be seismically adequate.

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐
   There is a section of flex conduit between the motor generator and a conduit support with limited slack. The motor generator is rigidly attached to the floor and has a low center of gravity, and the conduit support is rigidly attached to the floor. Therefore, there will not be much differential movement between the two ends of the flex conduit. The existing slack is judge to be sufficient for the very small differential movement, so there is no potentially adverse seismic condition.

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐
    There are a number of drilled holes in the casing of the motor, particularly at anchorage locations. These holes appear to have been drilled to alter the balance of the motor and are clearly unrelated to component anchorage. Their presence does not indicate missing anchors or screws. Therefore, there is no potentially adverse seismic condition.

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1C71-S001A* Equip. Class[1] *13*

Equipment Description *RPS MG Set A Motor Generator*

Comments (Additional pages may be added as necessary)

See Component 1C71-S001B for Area Walk-by Checklist.

Evaluated by: *John McFarland* Date: *09/25/2012*

Jeff Horton *09/25/2012*

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1C71-S001A* Equip. Class[1] *13*

Equipment Description *RPS MG Set A Motor Generator*

Photographs

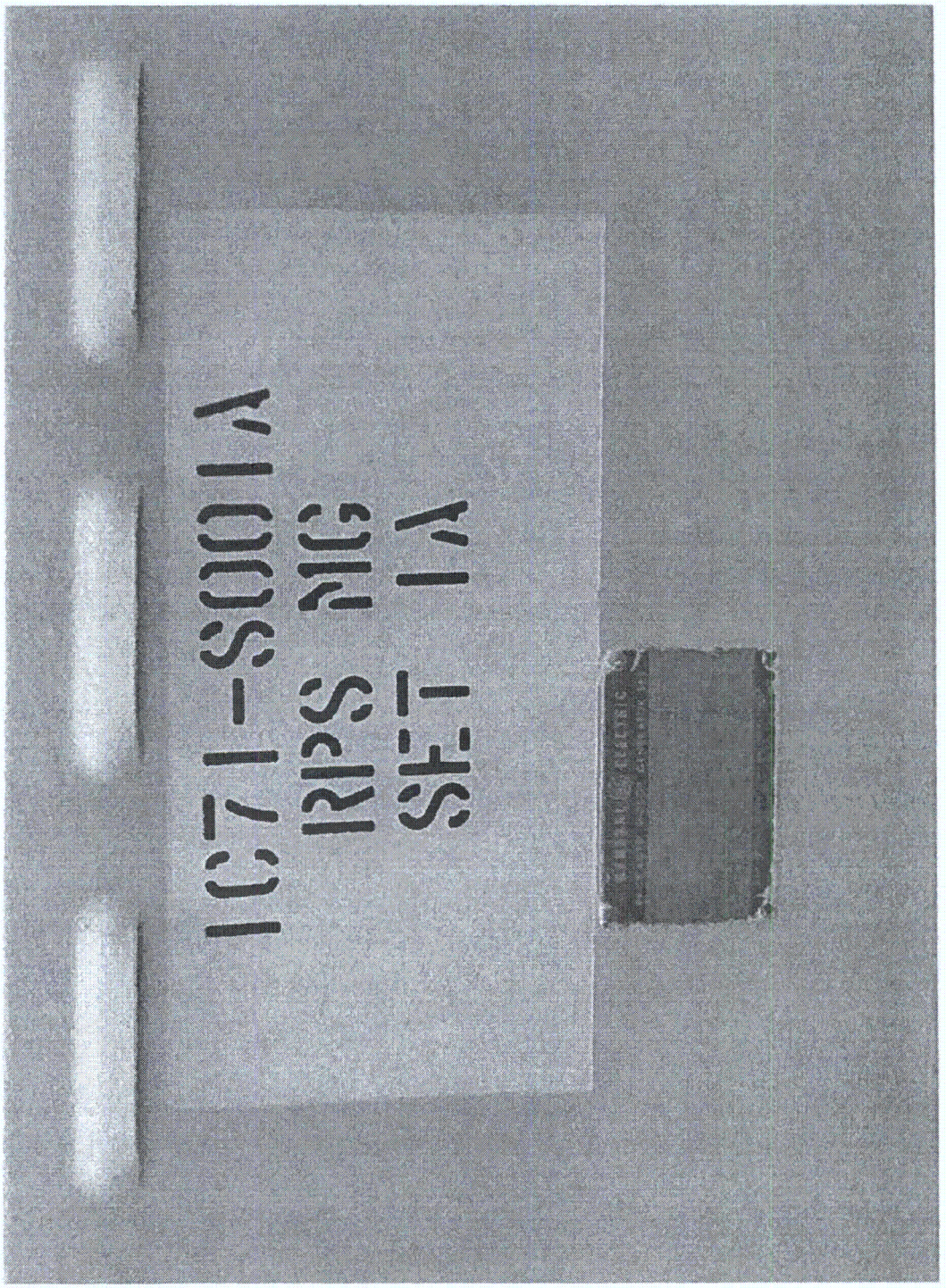


Figure 1 – Equipment ID No (1C71-S001A)

Figure 2 – Equipment Elevation (1C71-S001A)

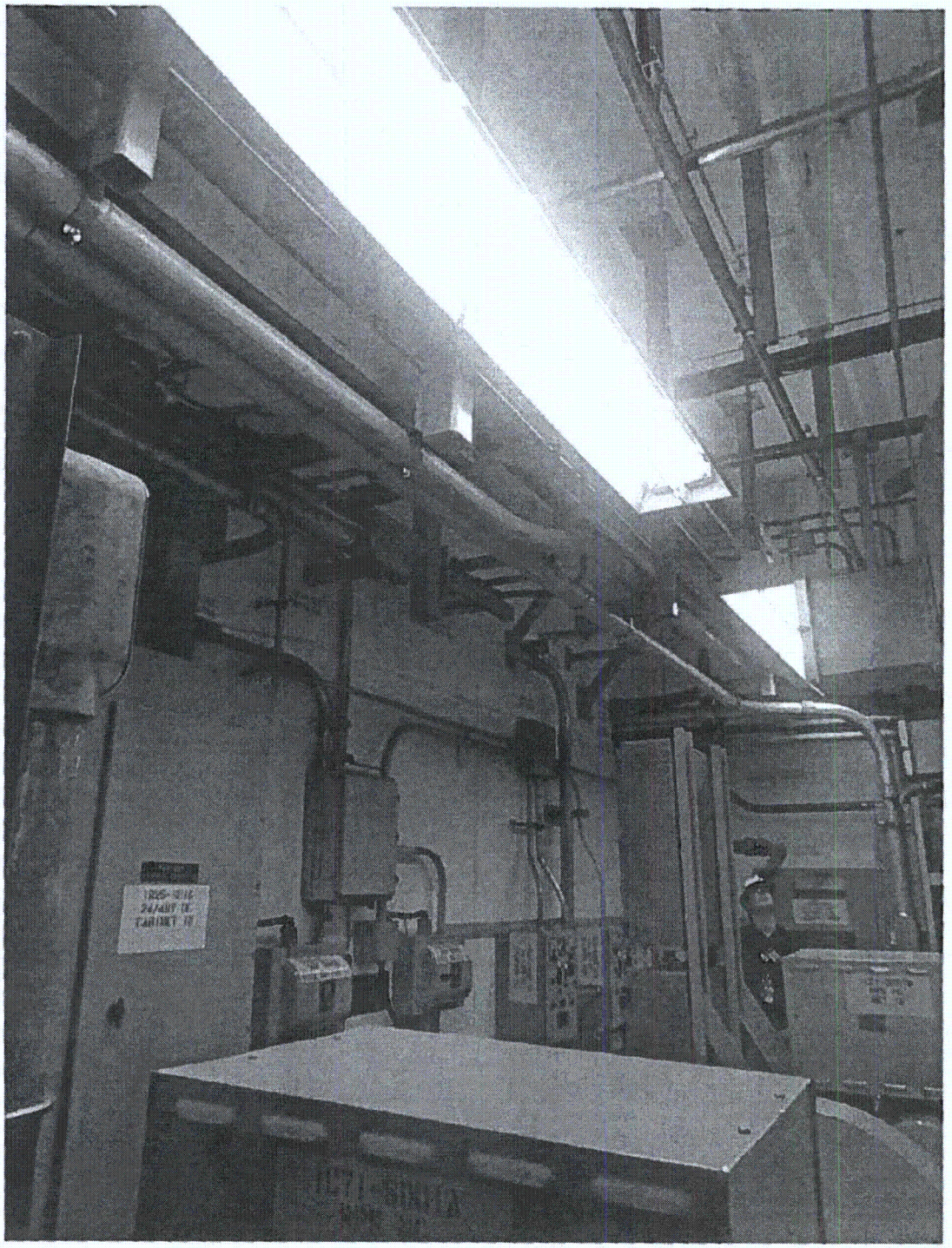


Figure 3 – Light Fixture over Motor Generator (1C71-S001A)

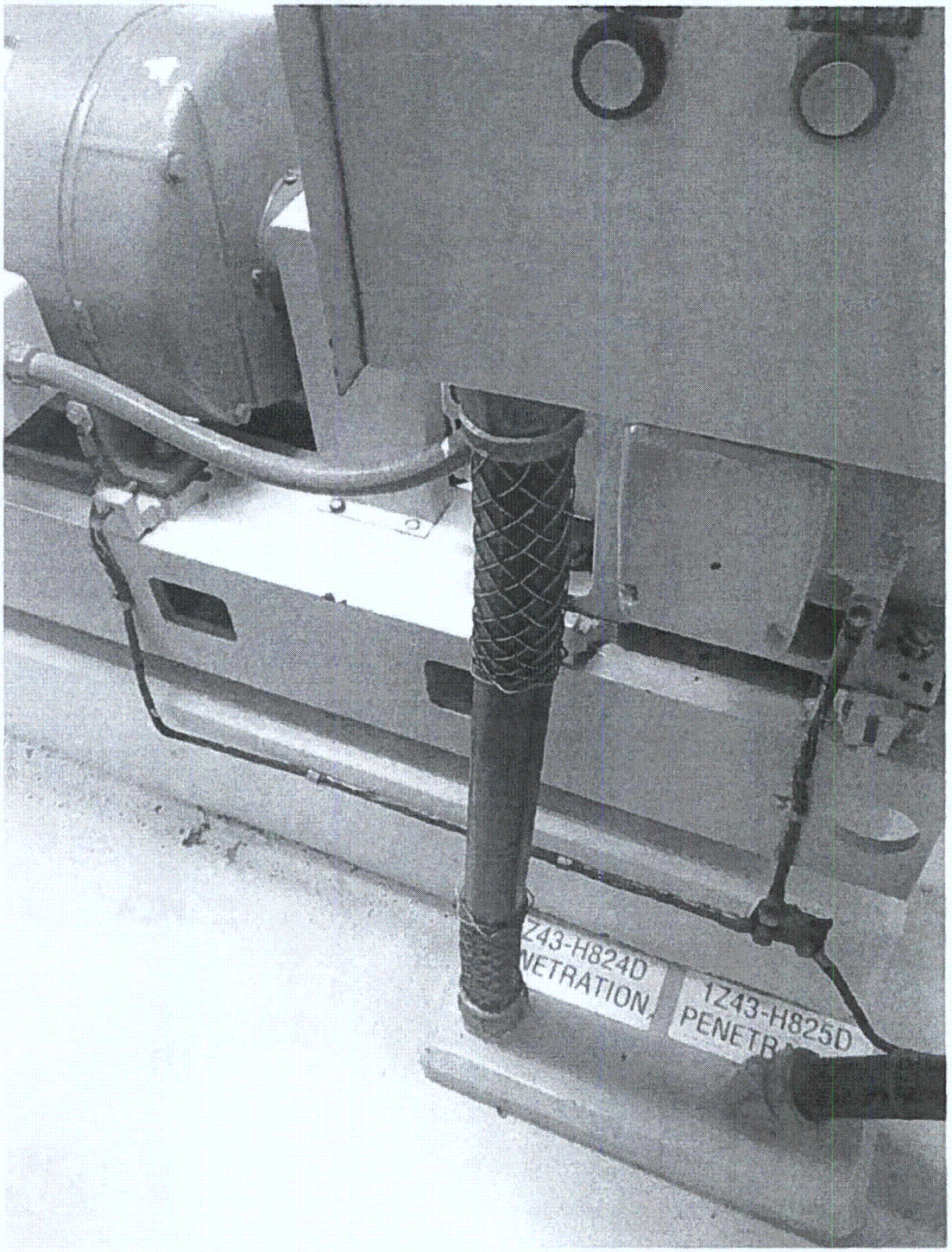


Figure 4 – Flex Conduit with Limited Slack (1C71-S001A)

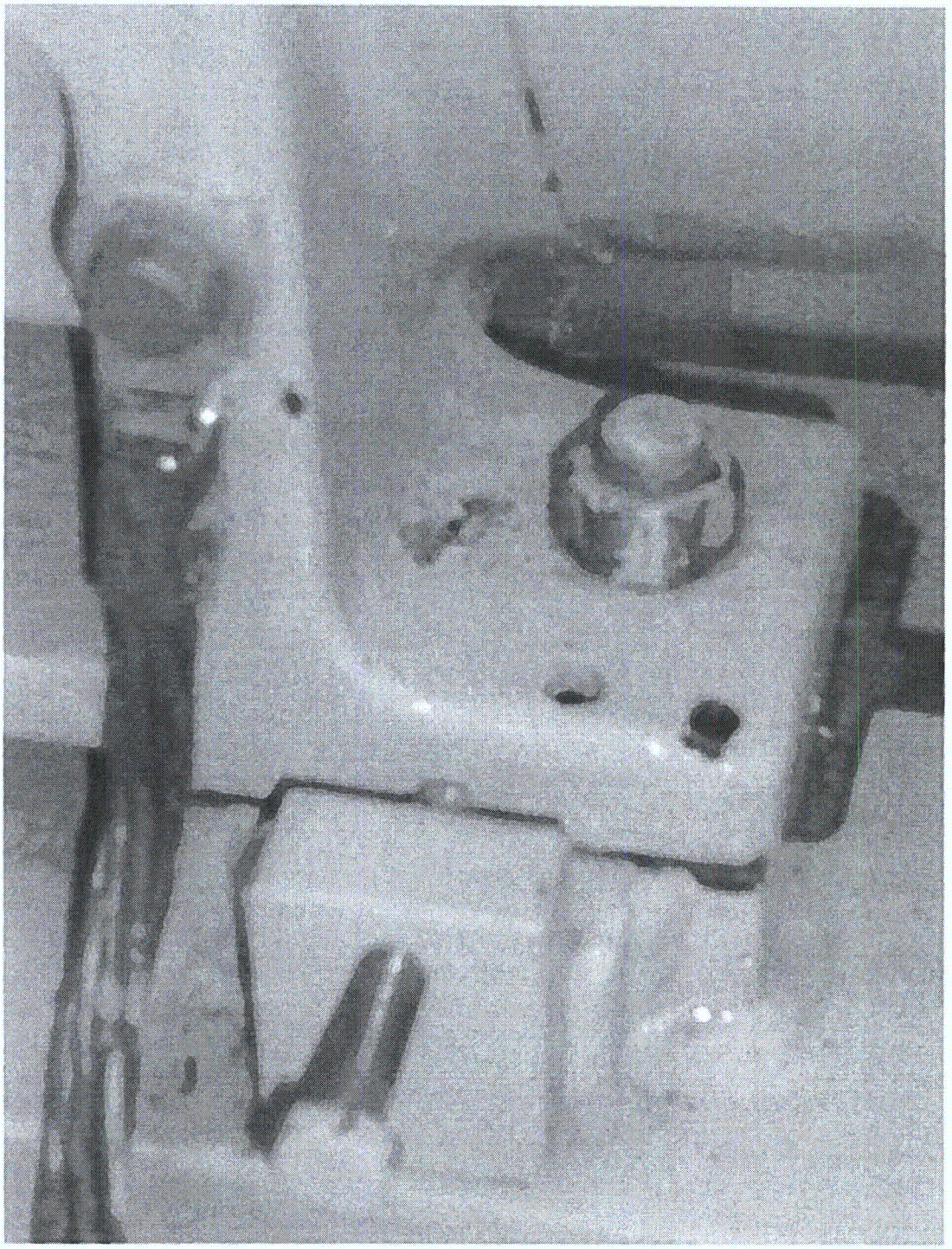


Figure 5 – Stability Holes Drilled in Motor Generator Casing (1C71-S001A)

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1C71-S001B* Equip. Class[1] *13*

Equipment Description *RPS MG Set B Motor Gen*

Location: Bldg. *CONTROL* Floor El. *130* Room, Area *TE-T12*

Manufacturer, Model, Etc. (optional but recommended)

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☐ N☒

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☐ N☐ U☐ N/A☒

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[1] Enter the equipment class name from Appendix B: Classes of Equipment.

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1C71-S001B* Equip. Class[1] *13*

Equipment Description *RPS MG Set B Motor Gen*

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐
   The seismic capacity of the Concrete Block Walls C130-47E, C130-50B, C130-51A and C130-54A surrounding the Motor Generator were verified using Drawing H-40383 Rev. 2 and Hatch Unit 2 UFSAR Table 3.8-20.
   There is a fluorescent light fixture without a cover located over the component. The light is tied to the ceiling, so during a seismic event, only the bulb could fall. The motor generator is very rugged and is judged to have sufficient strength as to make a possible impact between the motor generator and the bulb insignificant. Therefore, it is judged to be seismically adequate.

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐

Comments (Additional pages may be added as necessary)

None.

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1C71-S001B* Equip. Class[1] *13*

Equipment Description *RPS MG Set B Motor Gen*

Evaluated by: *John McFarland* Date: *09/10/2012*

Jeff Horton *09/10/2012*

Sheet 4 of 6

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1C71-S001B* Equip. Class[1] *13*

Equipment Description *RPS MG Set B Motor Gen*

Photographs

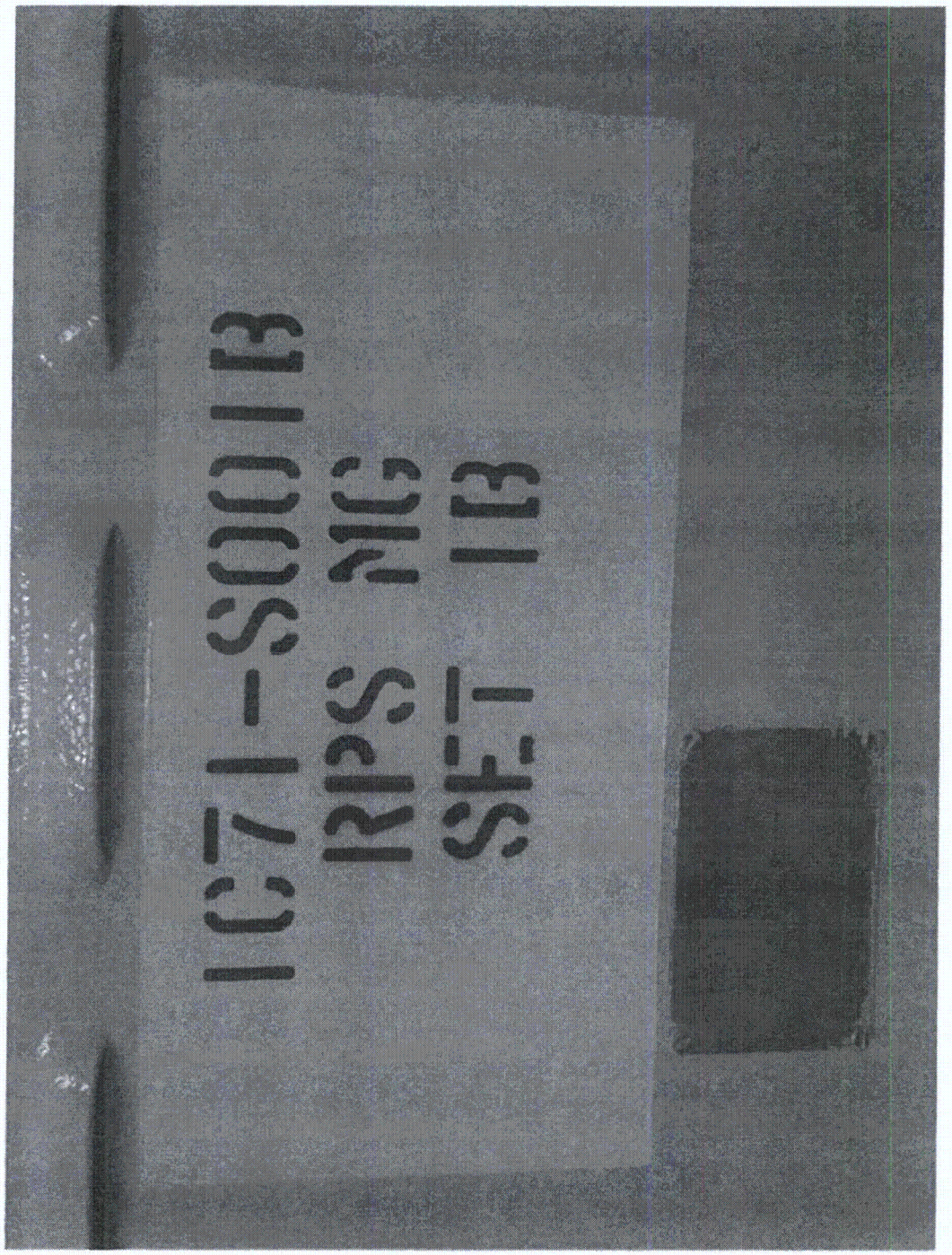


Figure 1 – Equipment ID No (1C71-S001B)

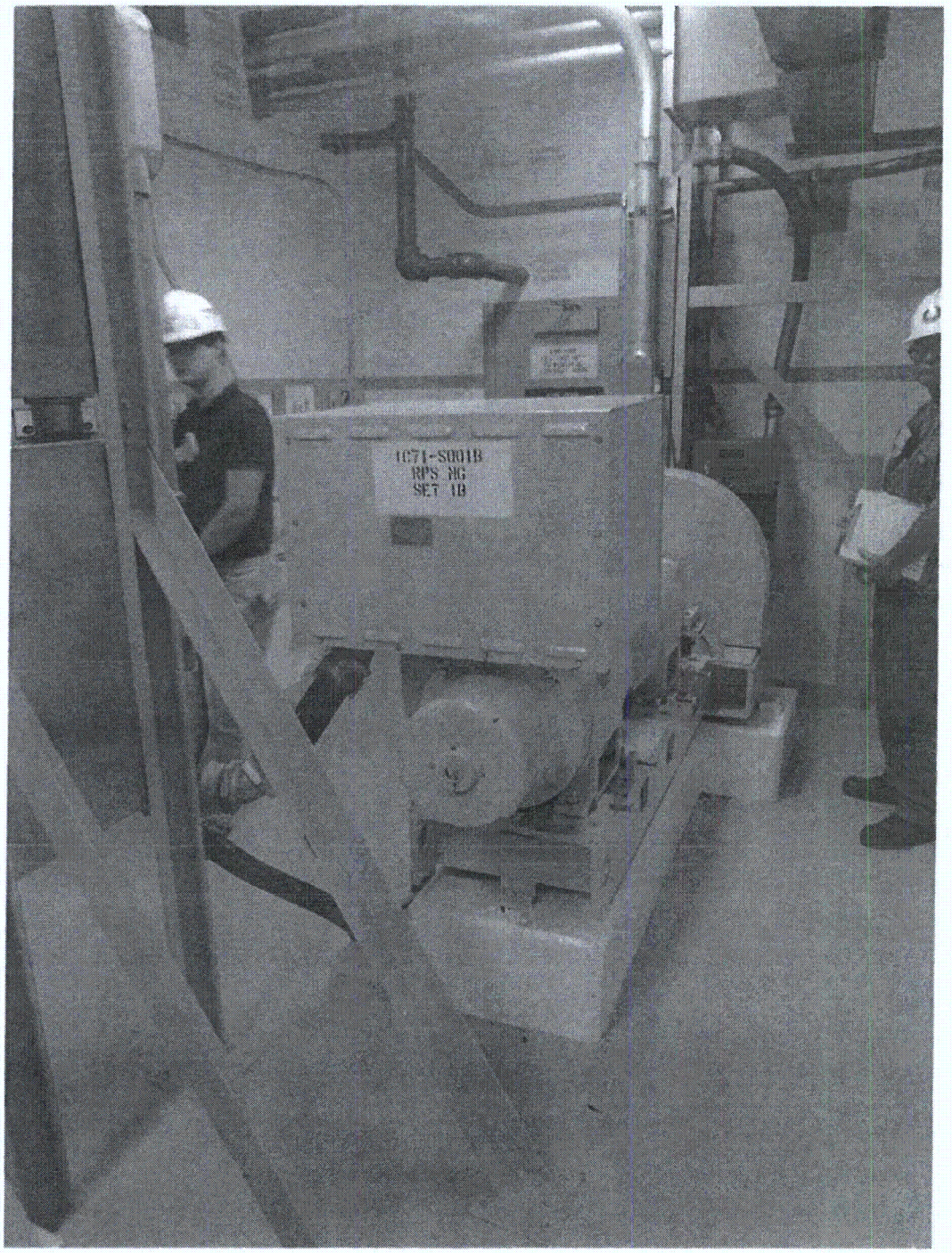


Figure 2 – Equipment Elevation (1C71-S001B)

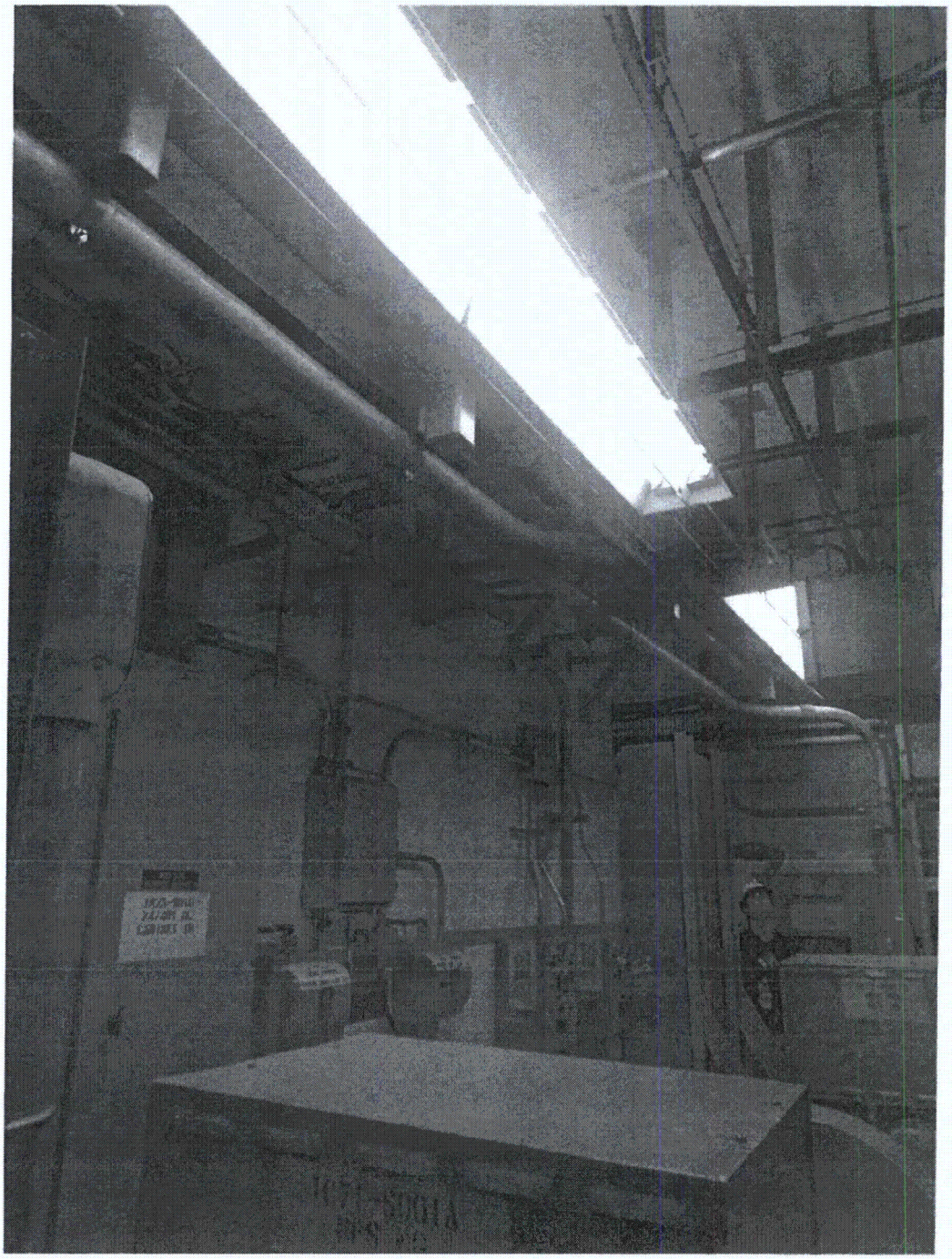


Figure 3 – Flourescent Light over Equipment (1C71-S001B)

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R42-S001A* Equip. Class[1] *15*

Equipment Description *125/250V Station Battery 1A*

Location: Bldg. *CONTROL* Floor El. *112* Room, Area *C029*

Manufacturer, Model, Etc. (optional but recommended)

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☐ N☒

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐
   The battery supports are welded to steel plates.

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☐ N☐ U☐ N/A☒

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[1] Enter the equipment class name from Appendix B: Classes of Equipment.

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R42-S001A* Equip. Class[1] *15*

Equipment Description *125/250V Station Battery 1A*

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐
   Seismic acceptability of block walls were validated using drawing H-40384 Rev. 0 and Hatch Unit 2 UFSAR Table 3.8-2, Walls C112-21A,21D, 20A,20B, 23A, 23B
   IPEEE identified several lights above sensitive equipment with a potential to fall. All lights in the area have been reviewed, and safety chains and cover locks have been added to all lights.

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐

Comments (Additional pages may be added as necessary)

None

Evaluated by: *John McFarland* Date: *09/06/2012*

Jeff Horton *09/06/2012*

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R42-S001A* Equip. Class[1] *15*

Equipment Description *125/250V Station Battery 1A*

Photographs

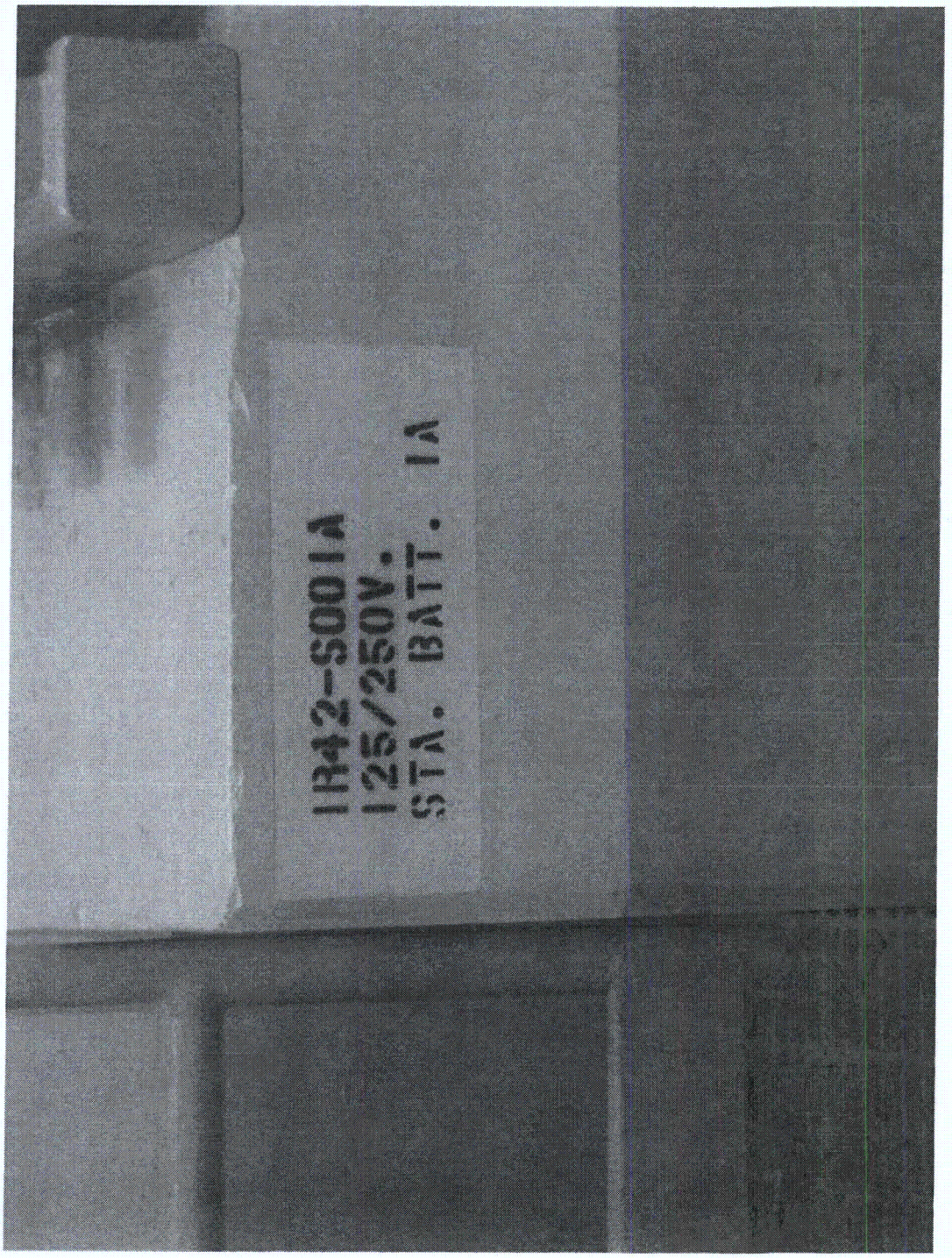


Figure 1 – Equipment ID No (1R42-S001A)

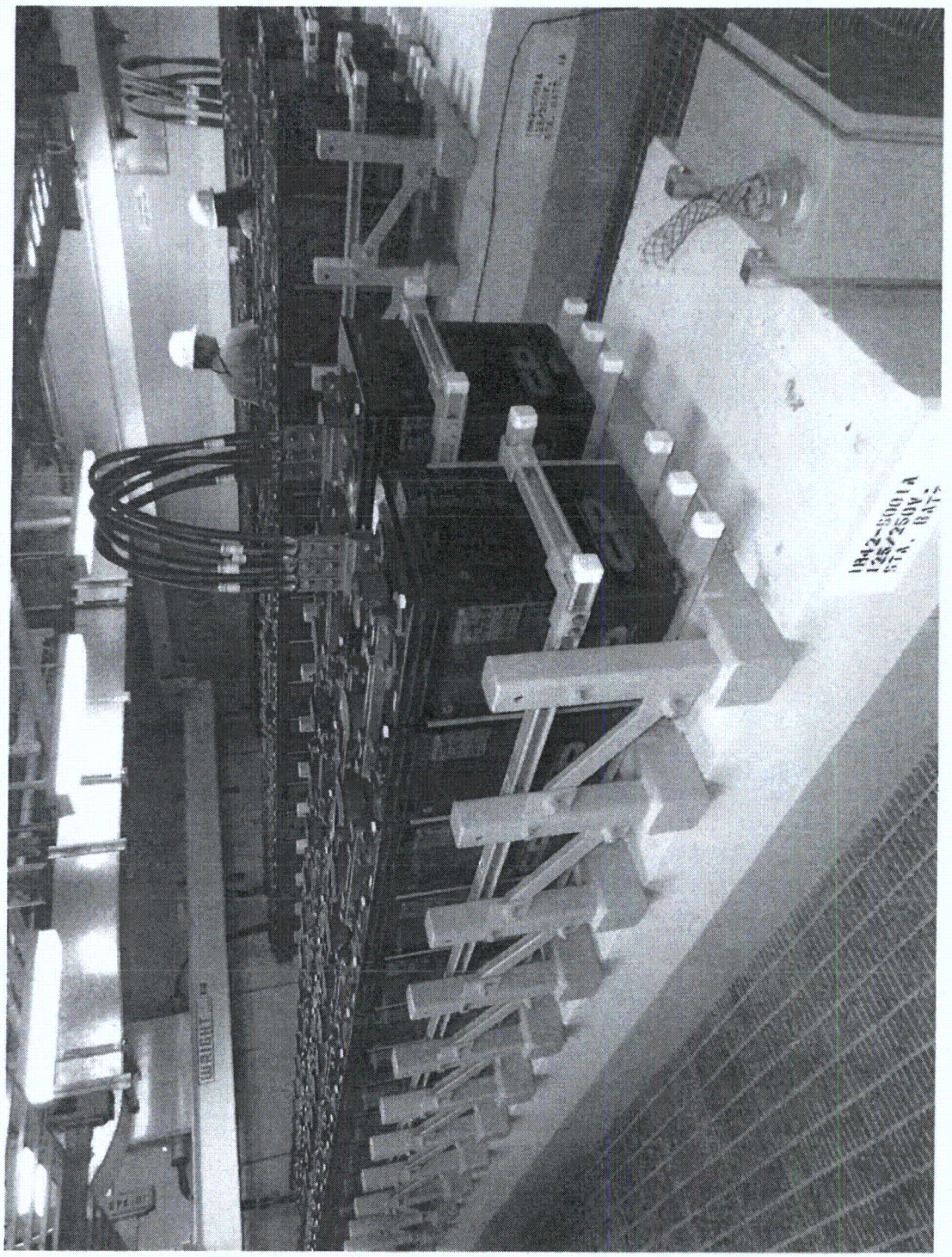


Figure 2 – Equipment Elevation (1R42-S001A)

Sheet 1 of 4

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R42-S001B* Equip. Class[1] *15*

Equipment Description *125/250V STATION BATTERY 1B*

Location: Bldg. *CONTROL* Floor El. *112* Room, Area *C028*

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☐ N☒

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐
   Multiple welds attach battery supports to building embedded steel plates. The SWE's inspected condition of all welds. Based on this inspection the SWE's have determined the anchorage is seismically adequate.

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☐ N☐ U☐ N/A☒

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[1] Enter the equipment class name from Appendix B: Classes of Equipment.

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R42-S001B* Equip. Class[1] *15*

Equipment Description *125/250V STATION BATTERY 1B*

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐
   Block wall analysis verified by Drawing H40384, rev. 0 and Hatch 2 UFSAR Table 3.8-20 Also, the IPEEE issue of lights falling on equipment have been verified in this walk-down (See Figure 2) that shows lights safety wired to the ceiling.

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐

Comments (Additional pages may be added as necessary)

None.

Evaluated by: *John McFarland* Date: *09/13/2012*

Jeff Horton *09/13/2012*

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R42-S001B* Equip. Class[1] *15*

Equipment Description *125/250V STATION BATTERY 1B*

Photographs

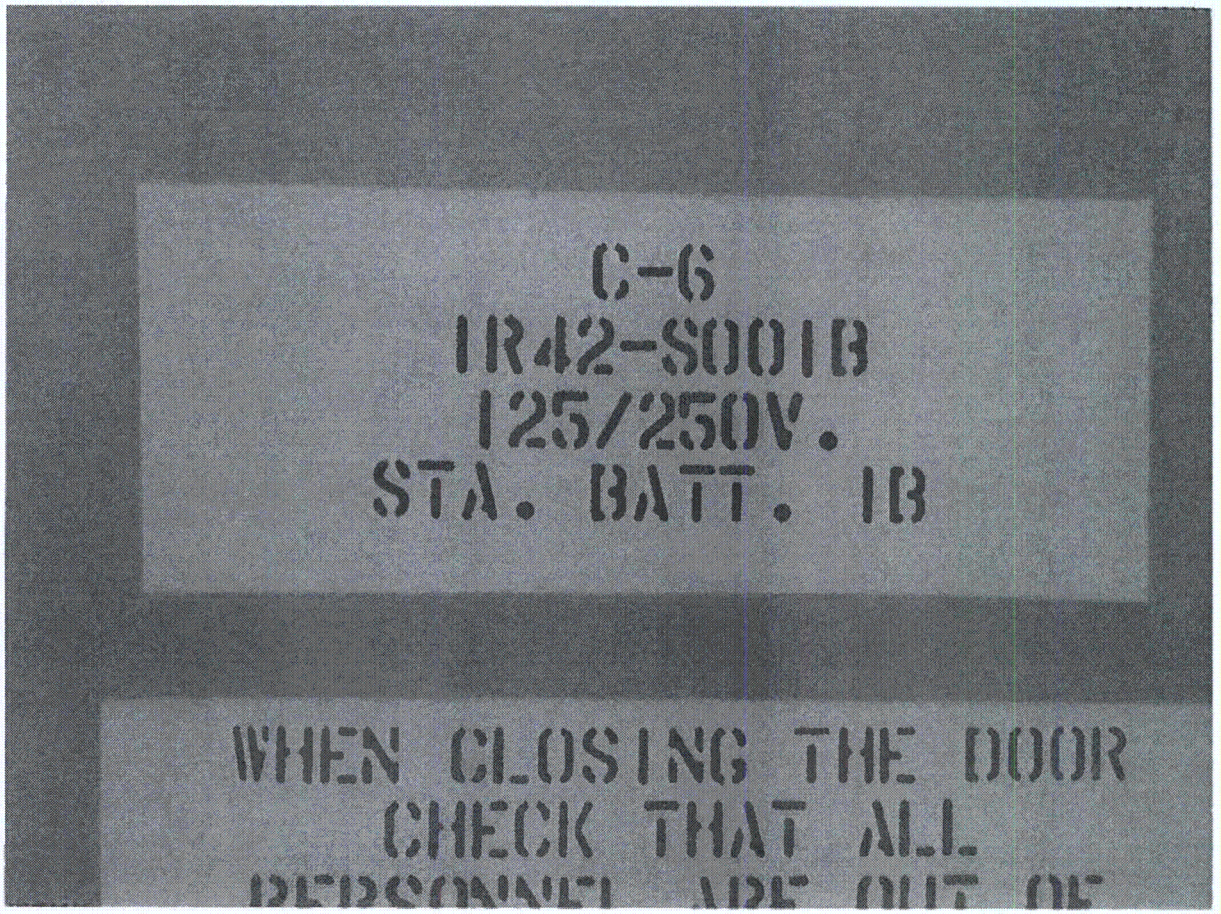


Figure 1: Equipment ID No 1R42-S001B

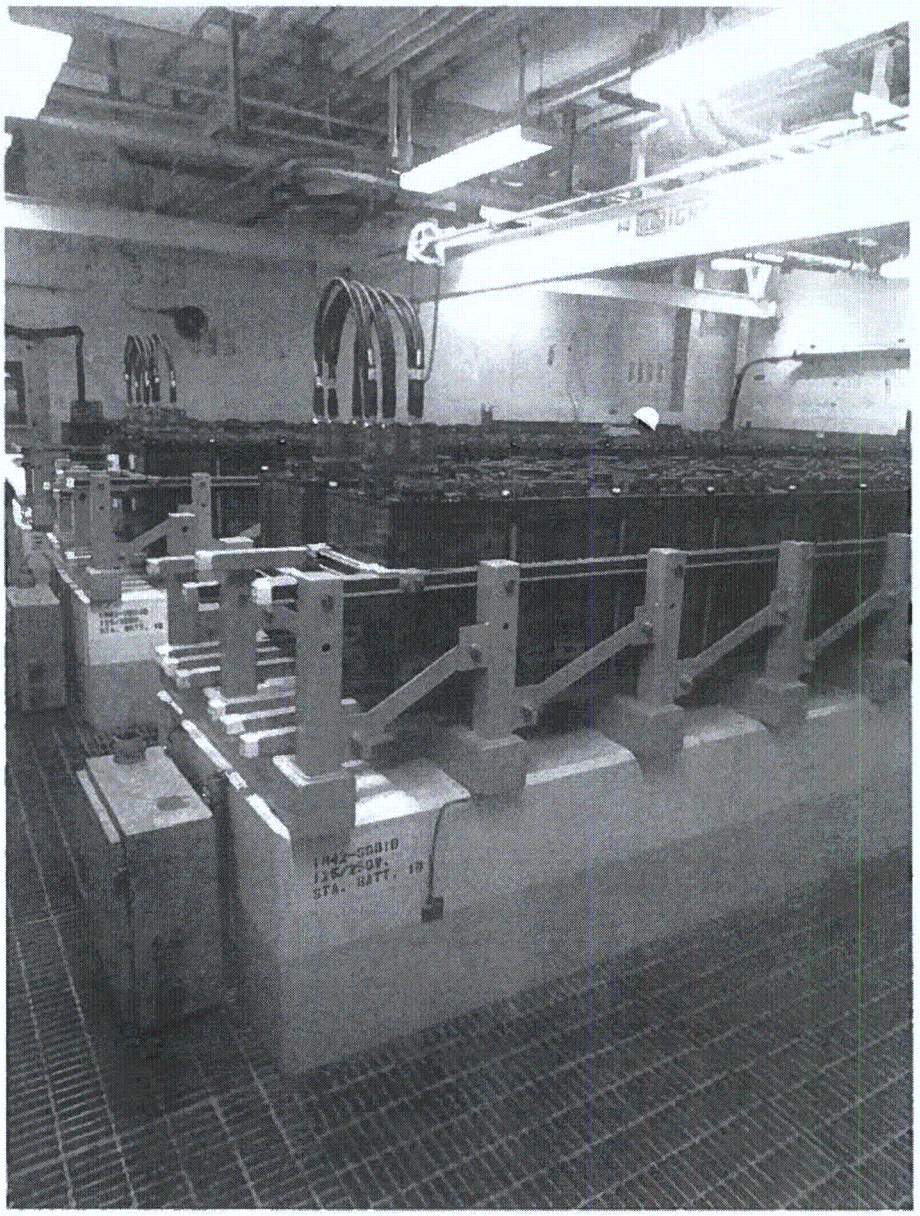


Figure 2 – Equipment Elevation Showing Typical Anchorage Configuration

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R42-S002A* Equip. Class[1] *15*

Equipment Description *125V DIESEL SYSTEM BATTERY 1A*

Location: Bldg. *DIESEL* Floor El. *130* Room, Area *Battery room 1A*

Manufacturer, Model, Etc. (optional but recommended)

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☒ N☐

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☒ N☐ U☐ N/A☐

   This equipment was originally identified as A-46 & IPEEE outlier due to the following; 1. A potential bolt bending concern due to the gap the floor and base support members. 2. Potential interaction with overhead light fixtures.

   Shims were observed to have been installed (DCR 89-261) to provide full contact between the bolts. Support members and concrete structure as shown in the attached picture.

   The lights were attached (DCR 90-010) in such a way that there are two wires supporting the light structure and two brackets supporting the bulb housing as shown in the attached figure.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[1] Enter the equipment class name from Appendix B: Classes of Equipment.

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R42-S002A* Equip. Class[1] *15*

Equipment Description *125V DIESEL SYSTEM BATTERY 1A*

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐
   Lights are tied and the housing attached as described in Item # 5.

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐

Comments (Additional pages may be added as necessary)

None

Evaluated by: *Juan Vizcaya* Date: *9/26/2012*

Patrick Kelly *9/26/2012*

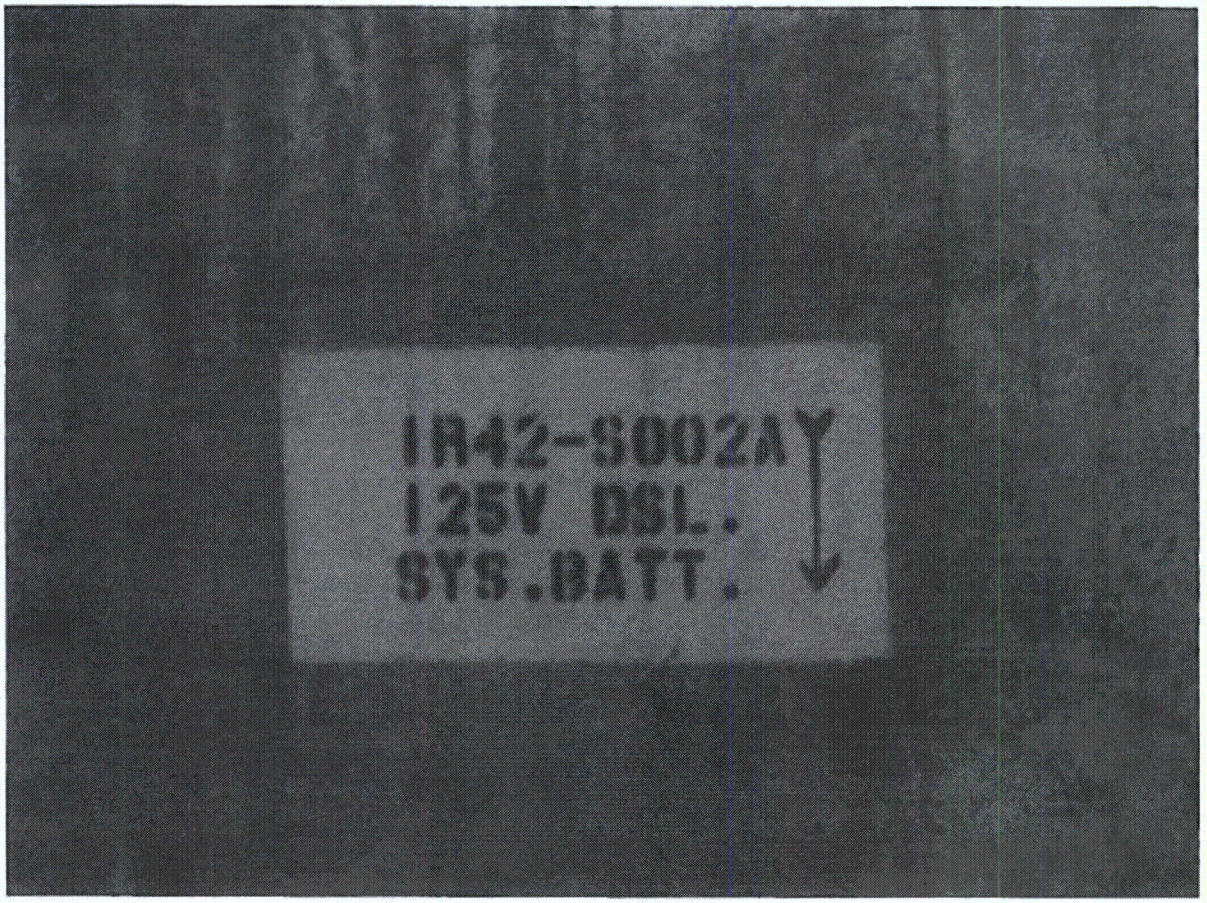
Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R42-S002A* Equip. Class[1] *15*

Equipment Description *125V DIESEL SYSTEM BATTERY 1A*

Photographs



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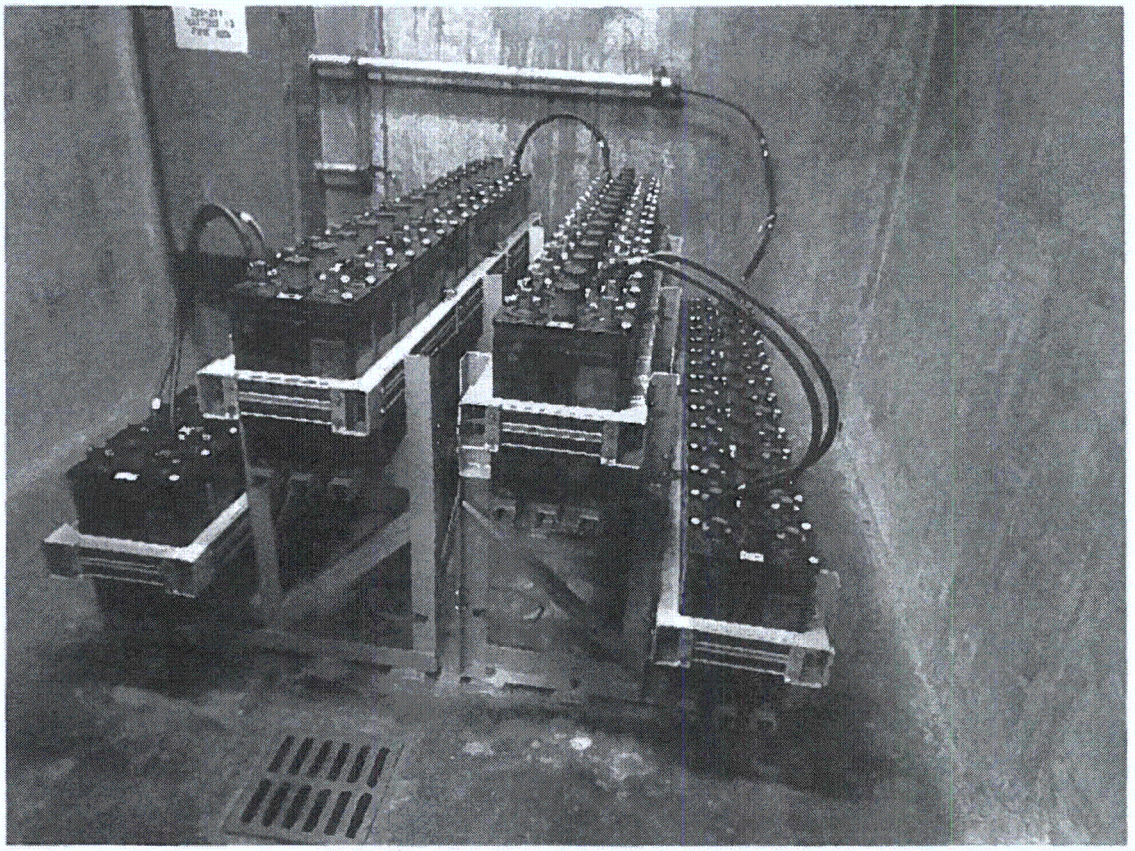
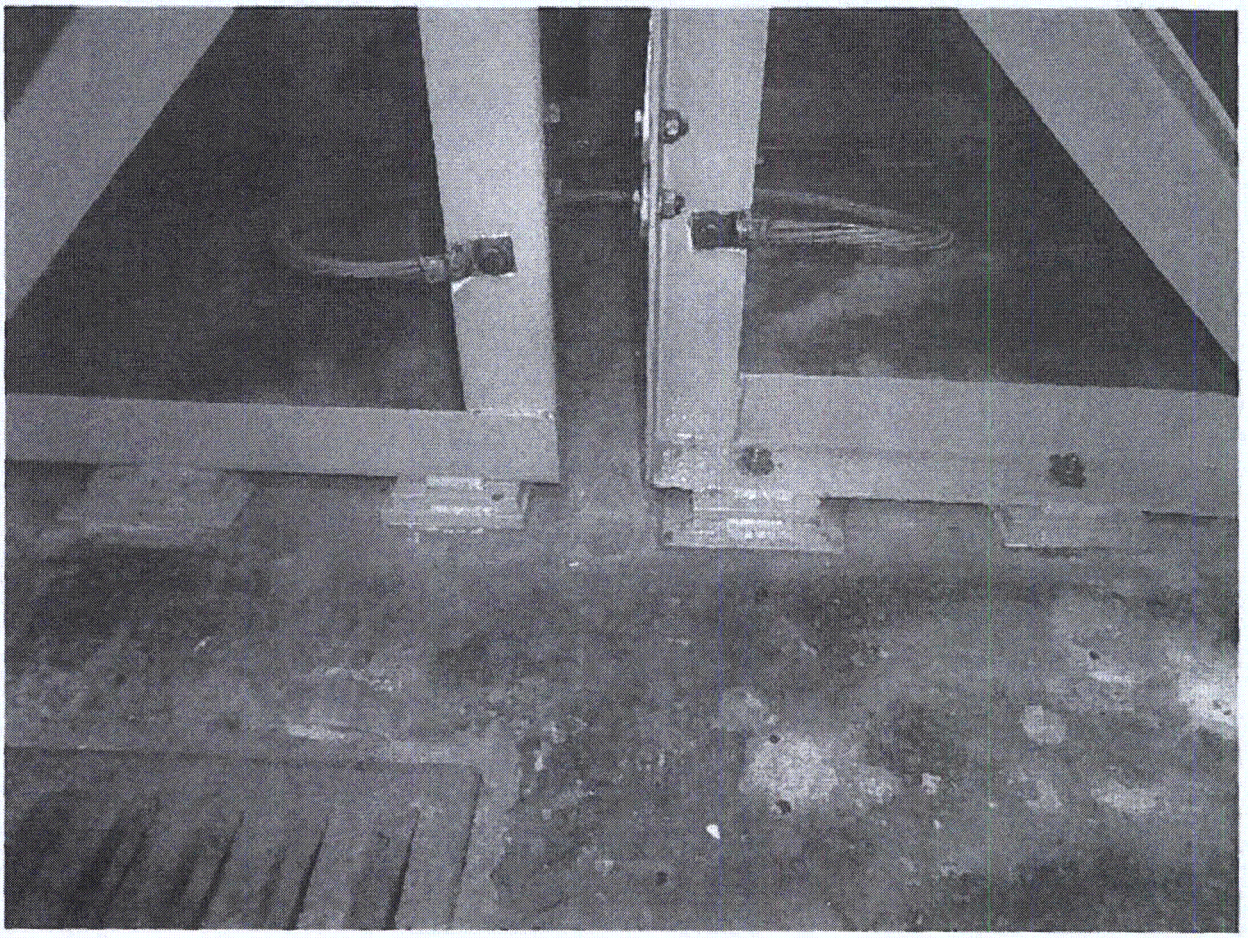
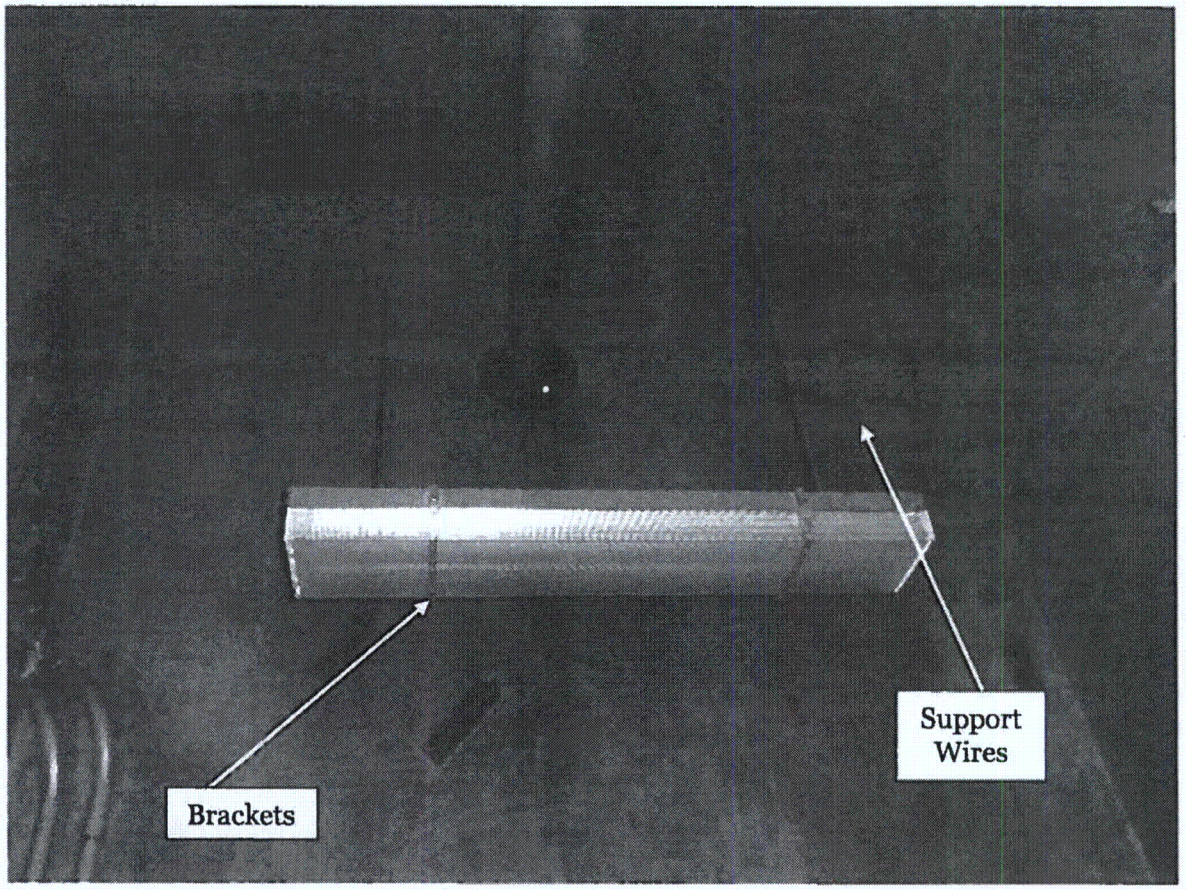


2: Equipment Elevation (1R42-S002A)



3: Equipment Support Shims (1R42-S002A)



4: Light Fixtures (1R42-S002A)

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R42-S002B* Equip. Class[1] *15*

Equipment Description *125V Diesel System Battery 1B*

Location: Bldg. *DIESEL* Floor El. *130* Room, Area *Diesel Generator Battery Room 1B*

Manufacturer, Model, Etc. (optional but recommended)

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☒ N☐

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐
   There is mild surface oxidation on one of the anchor bolts. Since oxidation is only on the surface, the bolts are not degraded. Therefore, judged not to be a concern.

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☒ N☐ U☐ N/A☐
   SEWS Package 1R42-S002B (dated 10/30/88) and Calculation SCNH-06-035 Rev. 2

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[1] Enter the equipment class name from Appendix B: Classes of Equipment.

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R42-S002B* Equip. Class[1] *15*

Equipment Description *125V Diesel System Battery 1B*

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐
   IPEEE identified several lights above sensitive equipment with a potential to fall. All lights in the area have been reviewed, and safety chains and cover locks have been added to all lights.

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐

Comments (Additional pages may be added as necessary)

None

Evaluated by: *John McFarland* Date: *09/19/2012*

Jeff Horton *09/19/2012*

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R42-S002B* Equip. Class[1] *15*

Equipment Description *125V Diesel System Battery 1B*

Photographs

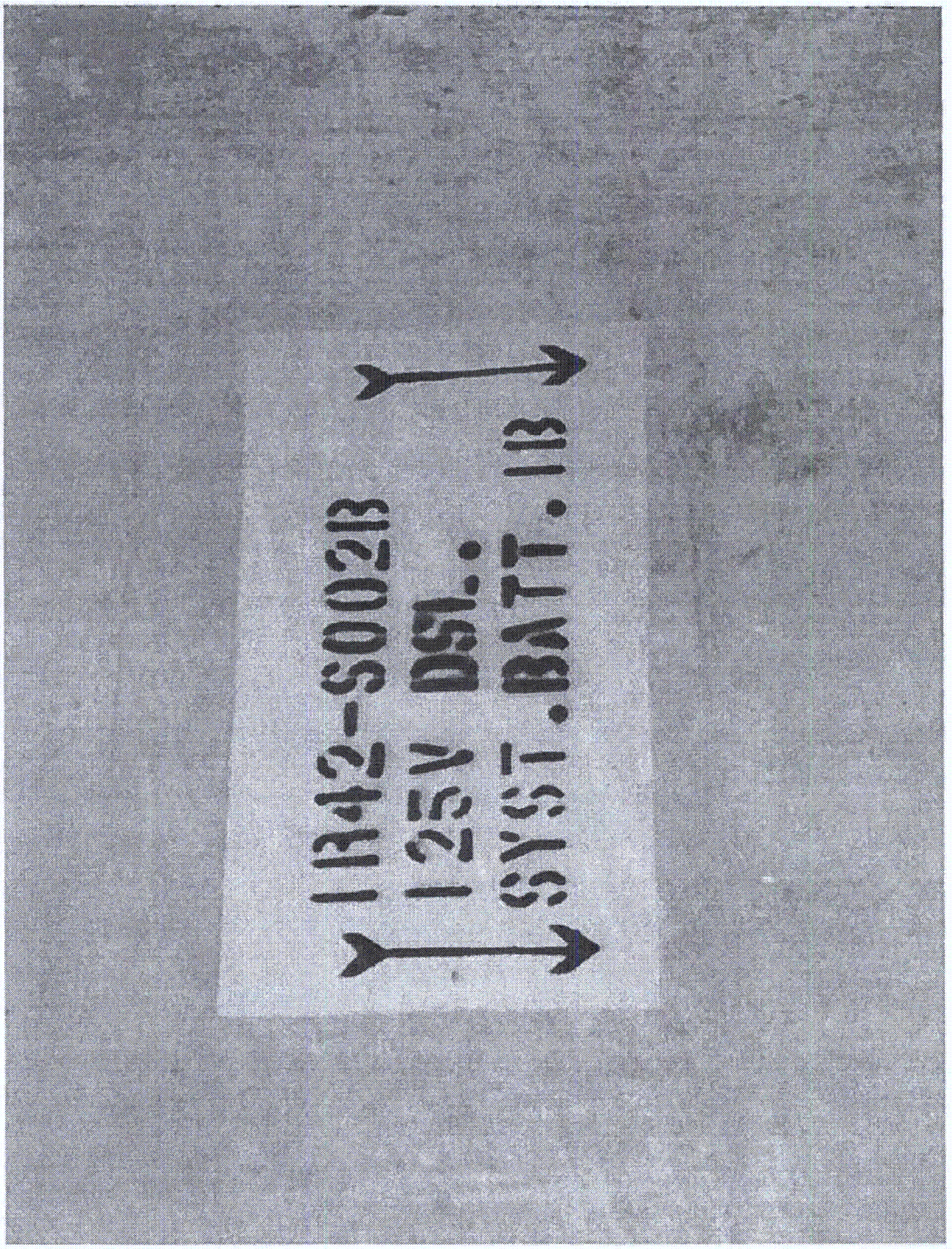


Figure 1 – Equipment ID No (1R42-S002B)

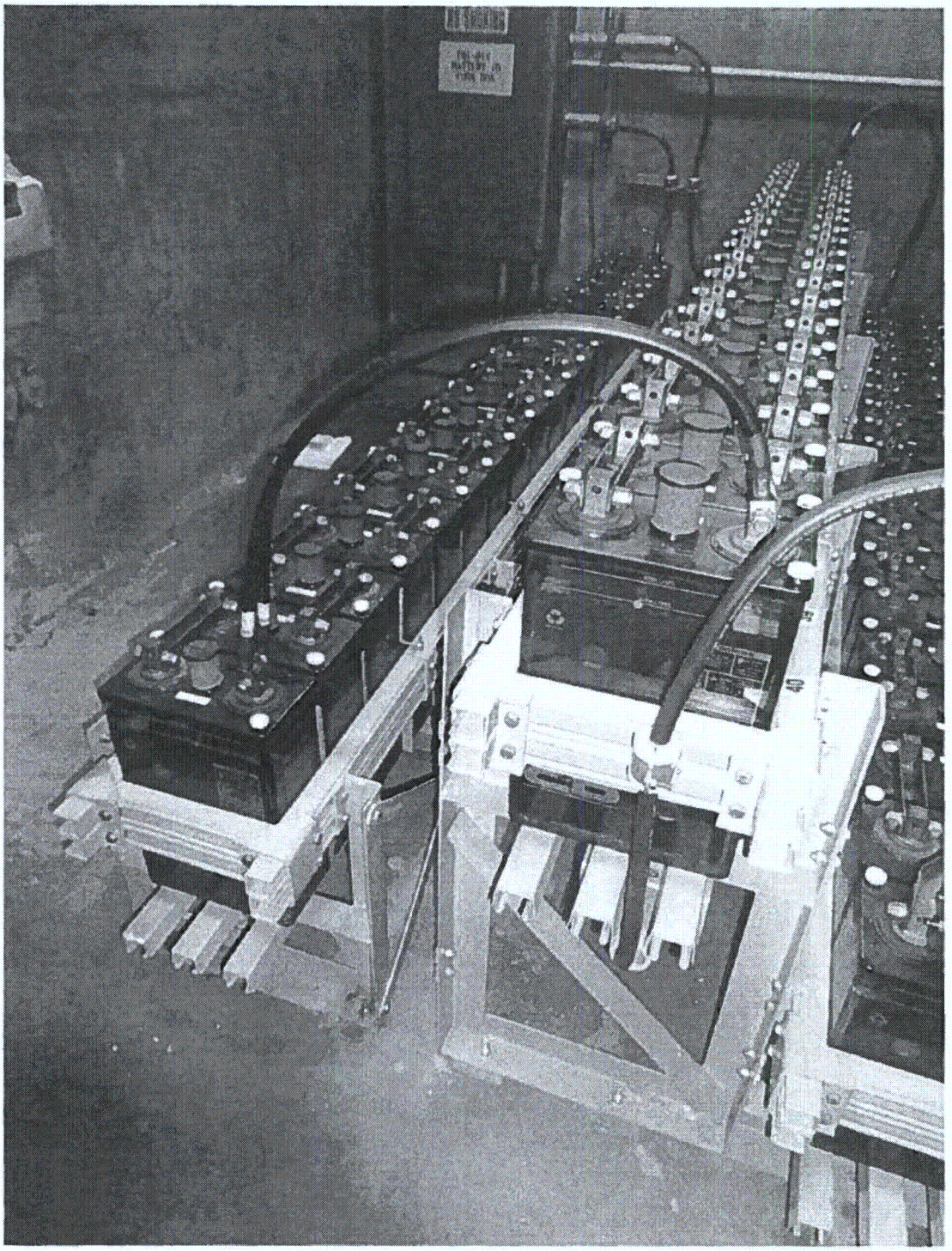


Figure 2 – Equipment Elevation (1R42-S002B)

Figure 3 – Surface Oxidation on Anchor Bolt (1R42-S002B)

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R42-S002C* Equip. Class[1] *15*

Equipment Description *125V DIESEL SYSTEM BATTERY 1C*

Location: Bldg. *DIESEL* Floor El. *130* Room, Area *BATTERY ROOM 1C*

Manufacturer, Model, Etc. (optional but recommended)

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☒ N☐

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☒ N☐ U☐ N/A☐

   This equipment was originally identified as A-46 & IPEEE outlier due to the following; 1. A potential bolt bending concern due to the gap the floor and base support members. 2. Potential interaction with overhead light fixtures.

   Shims were observed to have been installed (DCR 89-261) to provide full contact between the bolts. Support members and concrete structure as shown in the attached picture.

   The lights were attached (DCR 90-010) in such a way that there are two wires supporting the light structure and two brackets supporting the bulb housing as shown in the attached figure.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[1] Enter the equipment class name from Appendix B: Classes of Equipment.

Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R42-S002C* Equip. Class[1] *15*

Equipment Description *125V DIESEL SYSTEM BATTERY 1C*

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐
   Lights are tied as recommended in SEWS package dated 10/30/1988.

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐

Comments (Additional pages may be added as necessary)

None.

Evaluated by: *Juan Vizcaya* Date: *09/25/2012*

Patrick Kelly *09/25/2012*

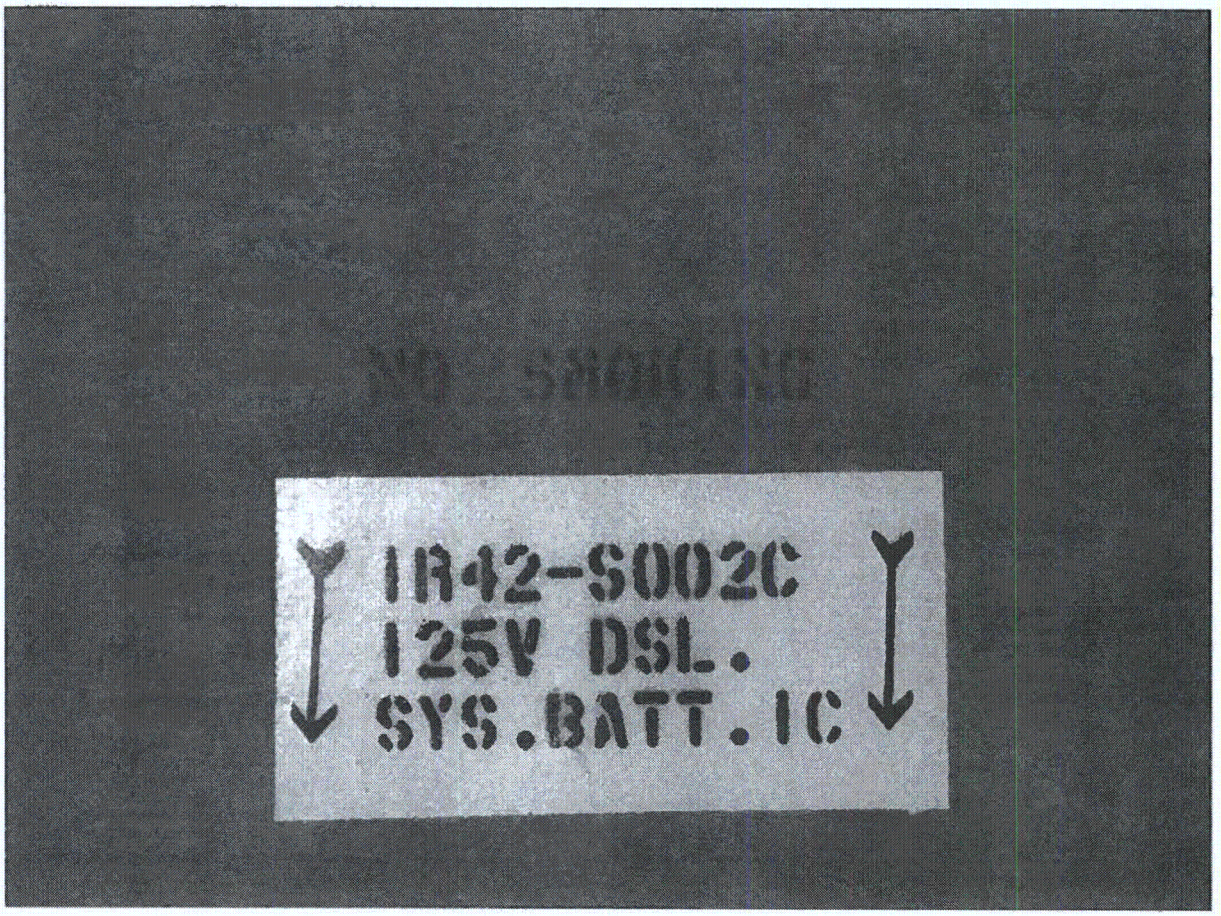
Status: Y☒ N☐ U☐

Seismic Walkdown Checklist (SWC)

Equipment ID No. *1R42-S002C* Equip. Class[1] *15*

Equipment Description *125V DIESEL SYSTEM BATTERY 1C*

Photographs



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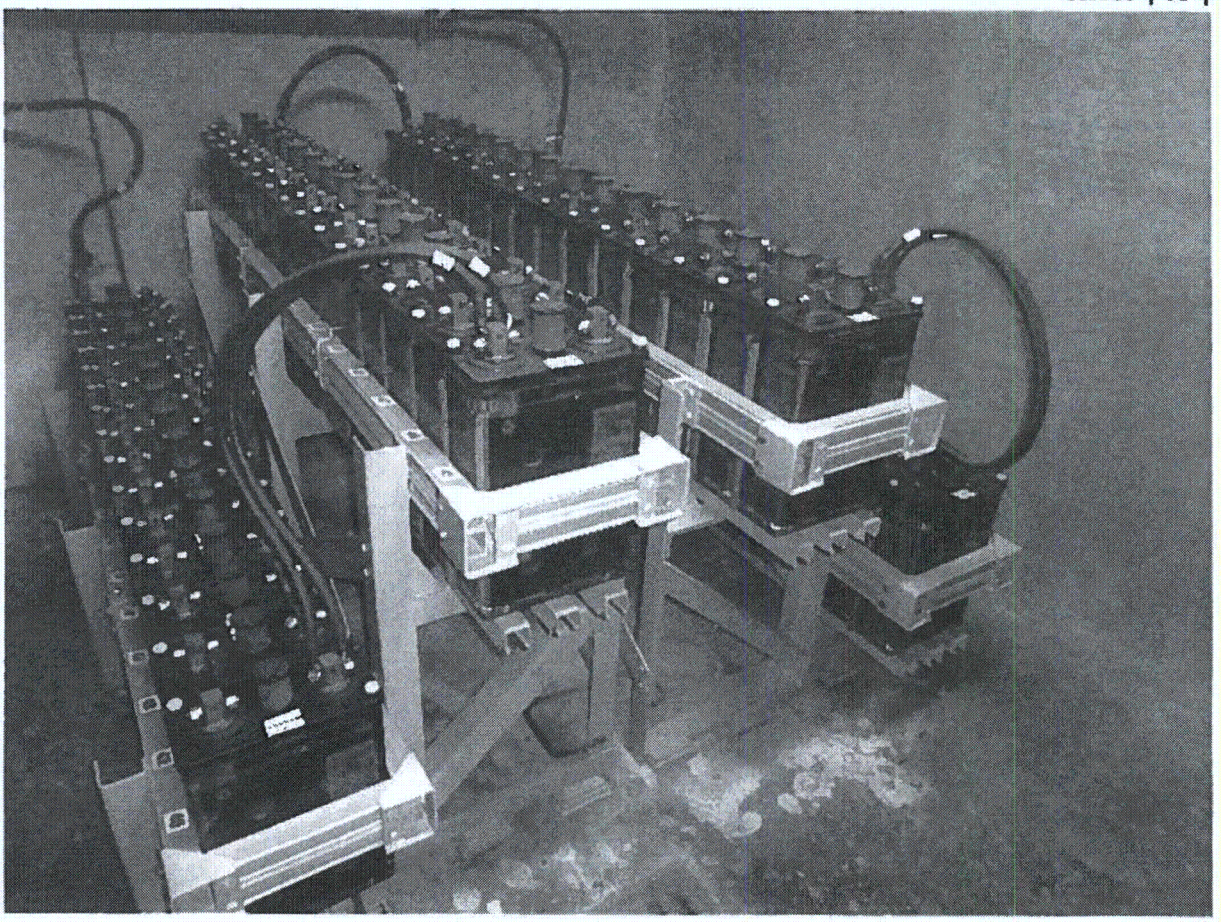

2: Equipment Elevation (1R42-S002C)