

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001001

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 26-59

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): RB, 761.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Anchorage shown on drawings M-1562, Rev. D and M-1590, Sheet 4, Rev. N.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
Scram valves and accumulator well-supported on HCU framework.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001001

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 26-59

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Racks have stand-offs to structural steel frame to prevent movement.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Overhead light fixtures judged to be acceptable. Open S-hooks, but pipe in vicinity and tie-offs prevent sway into CRD/HCU rack. See IR 1406922.

9. Do attached lines have adequate flexibility to avoid damage? Yes


10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

Evaluated by:  David Carter Date: 10/17/2012

 James D. Griffith 10/17/2012

Status: Y N U

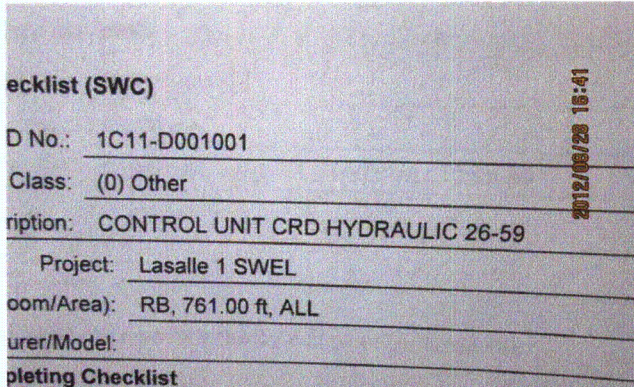
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001001

Equipment Class: (0) Other

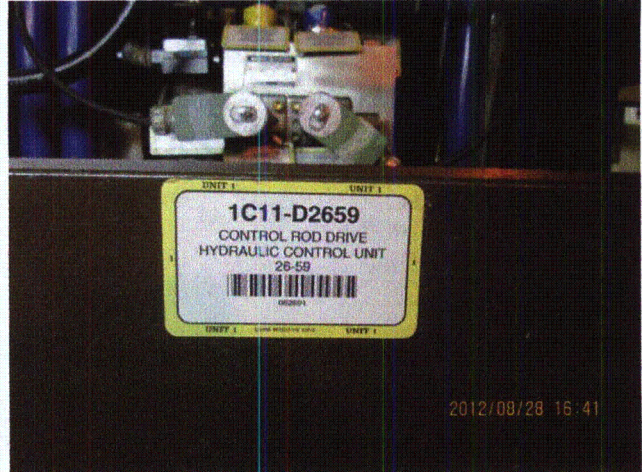
Equipment Description: CONTROL UNIT CRD HYDRAULIC 26-59

Photos



Completing Checklist
used to document the results of the Seismic Walkdown of an item
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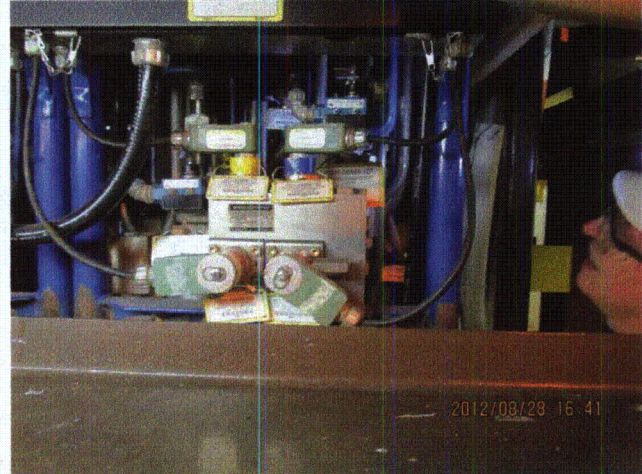
LaSalle 8-28-12 304 (1)



LaSalle 8-28-12 304 (2)



LaSalle 8-28-12 304 (3)



LaSalle 8-28-12 304 (4)

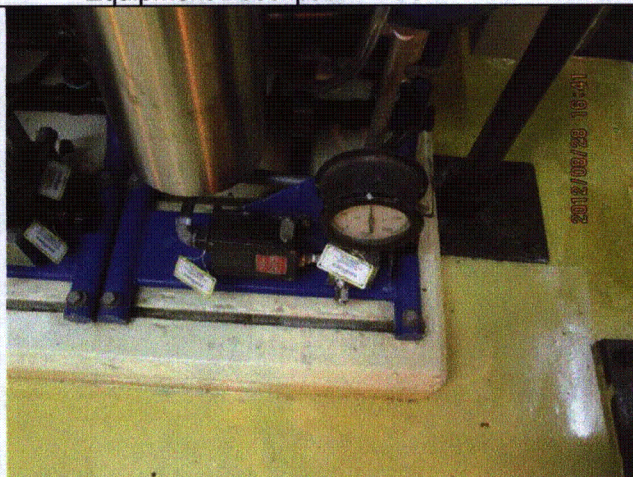
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001001

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 26-59



LaSalle 8-28-12 304 (5)



LaSalle 8-28-12 304 (6)



LaSalle 8-28-12 304 (7)

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001089

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 30-03

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): RB, 761.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Anchorage shown on drawings M-1562, Rev. D and M-1590, Sheet 4, Rev. N.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
Scram valves and accumulator well-supported on HCU framework.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001089

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 30-03

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Racks have stand-offs to structural steel frame to prevent movement.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Overhead light fixtures judged to be acceptable. Open S-hooks, but pipe in vicinity and tie-offs prevent sway into CRD/HCU rack. See IR 1406922.

9. Do attached lines have adequate flexibility to avoid damage? Yes

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

Evaluated by: *David Carter* David Carter Date: 10/25/2012

James D. Griffith James Griffith 10/25/2012

Status: Y N U

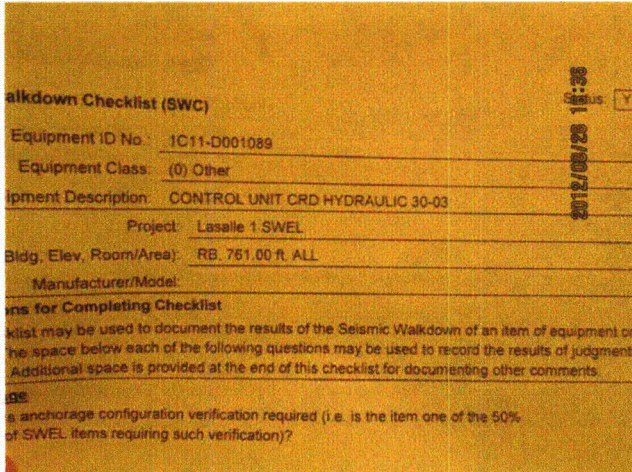
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Equipment ID No.: 1C11-D001089

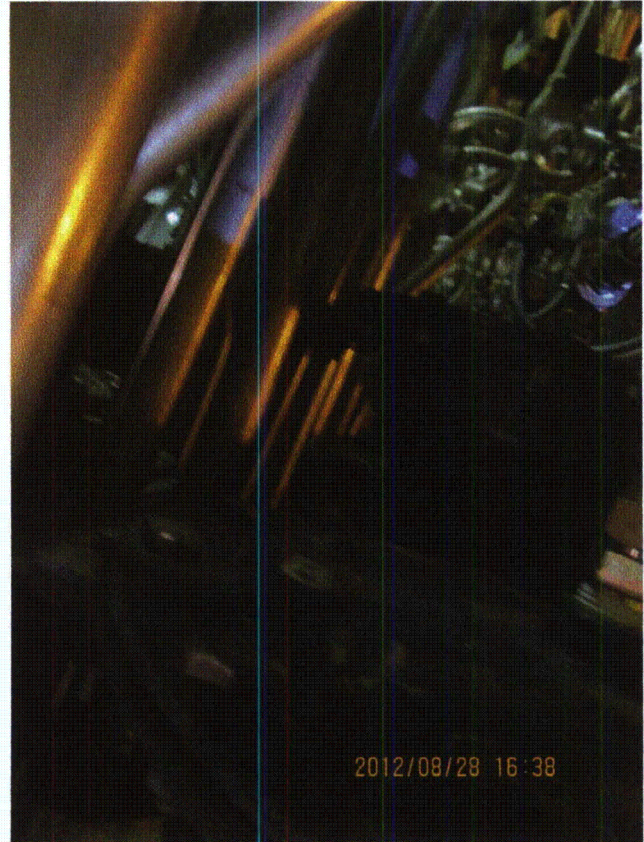
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Equipment Description: CONTROL UNIT CRD HYDRAULIC 30-03

Photos



LaSalle 8-28-12 293 (1)



LaSalle 8-28-12 293 (10)

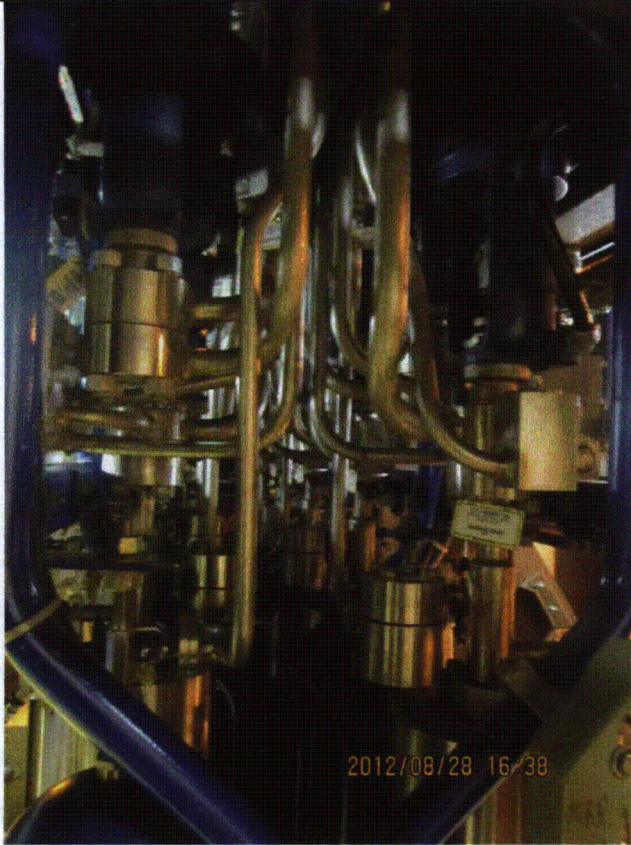
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001089

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 30-03



LaSalle 8-28-12 293 (11)



LaSalle 8-28-12 293 (2)

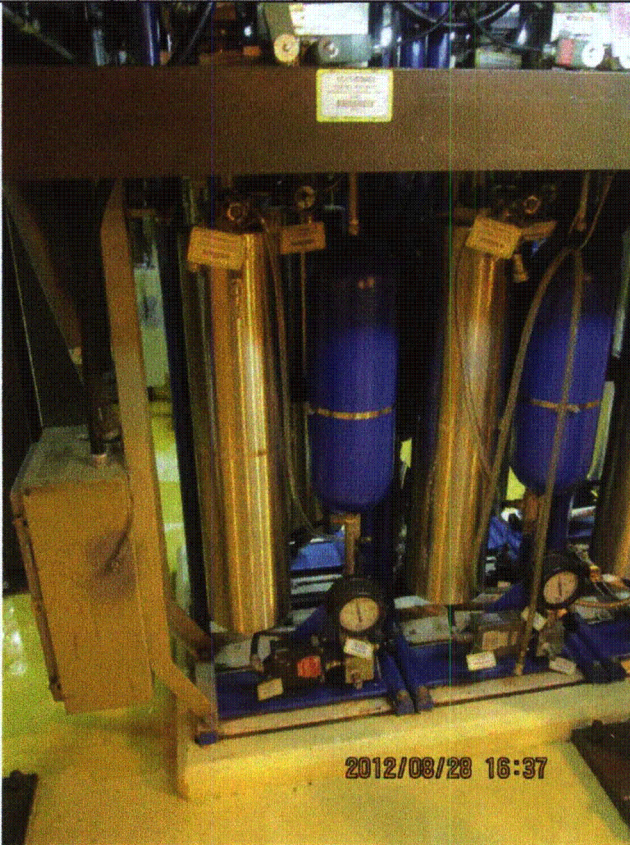
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001089

Equipment Class: (0) Other

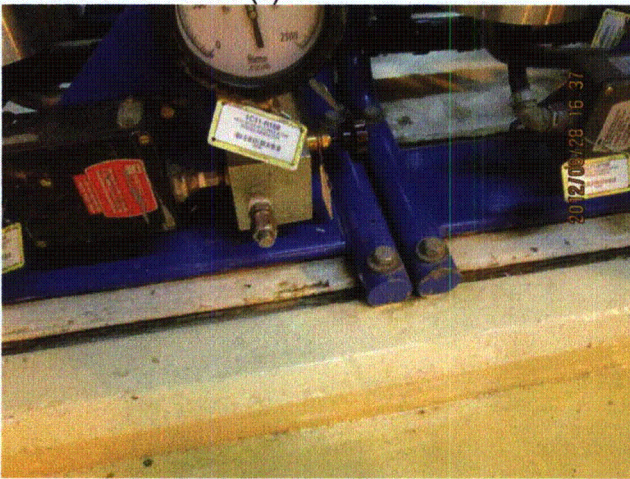
Equipment Description: CONTROL UNIT CRD HYDRAULIC 30-03



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LaSalle 8-28-12 293 (4)



LaSalle 8-28-12 293 (5)



LaSalle 8-28-12 293 (6)

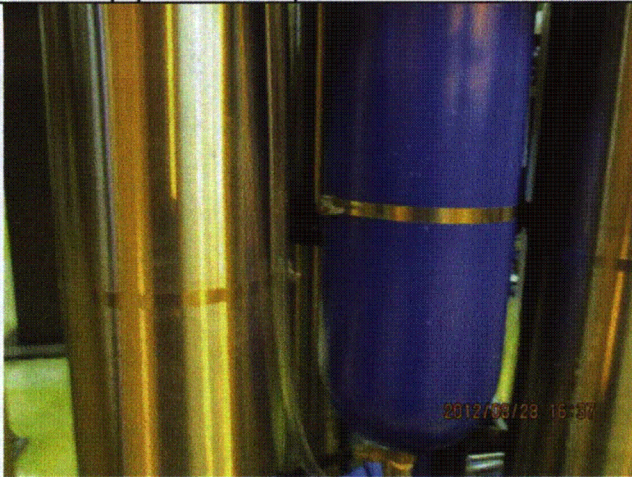
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001089

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 30-03



LaSalle 8-28-12 293 (7)



LaSalle 8-28-12 293 (8)

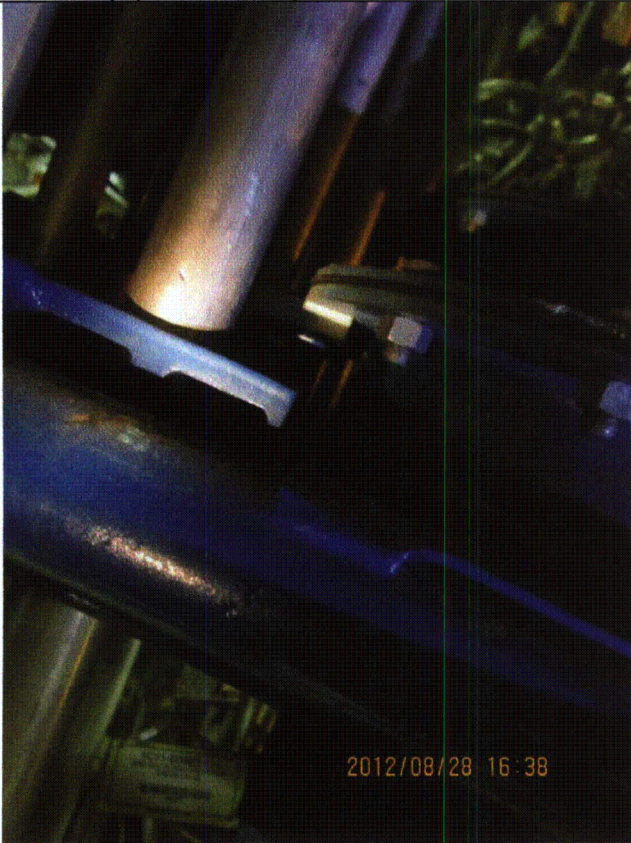
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001089

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 30-03



LaSalle 8-28-12 293 (9)

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001093

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 42-59

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): RB, 761.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Anchorage shown on drawings M-1562, Rev. D and M-1590, Sheet 4, Rev. N.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
Scram valves and accumulator well-supported on HCU framework.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001093

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 42-59

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Racks have stand-offs to structural steel frame to prevent movement.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Overhead light fixtures judged to be acceptable. Open S-hooks, but pipe in vicinity and tie-offs prevent sway into CRD/HCU rack. See IR 1406922.

9. Do attached lines have adequate flexibility to avoid damage? Yes

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

Evaluated by:  David Carter Date: 10/17/2012

 James D. Griffith 10/17/2012

Status: Y N U

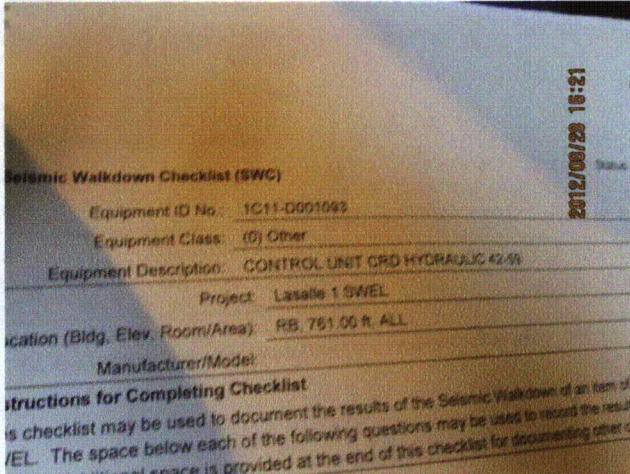
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001093

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 42-59

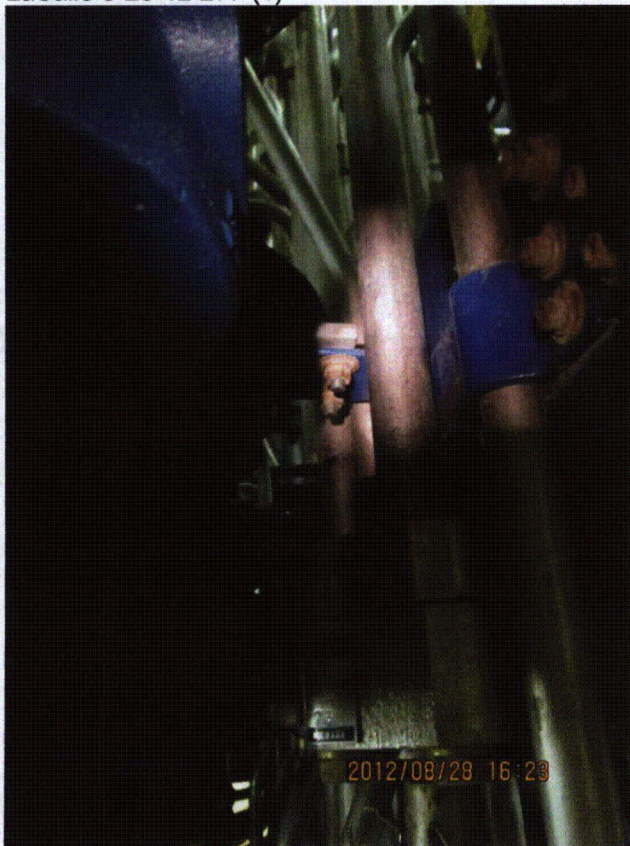
Photos



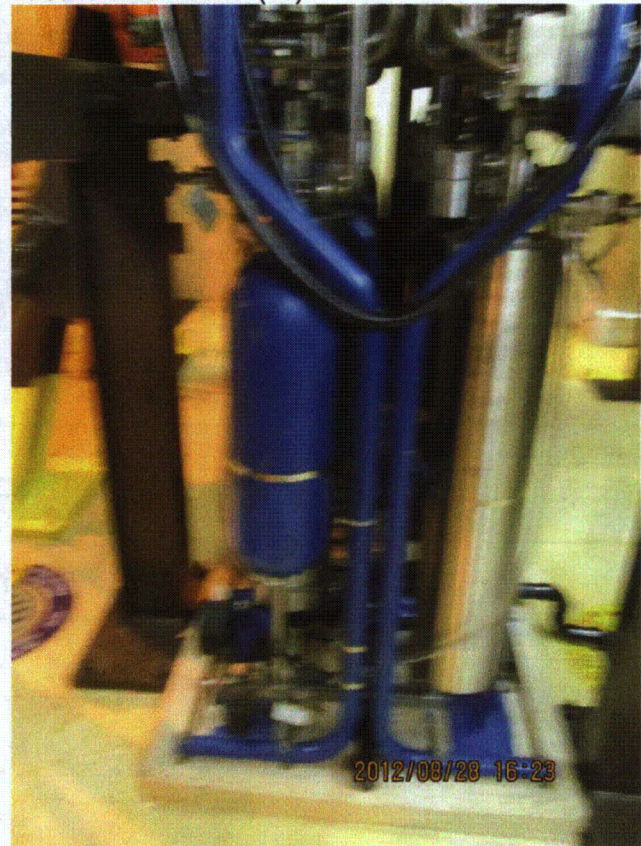
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LaSalle 8-28-12 277 (10)



LaSalle 8-28-12 277 (11)



LaSalle 8-28-12 277 (12)

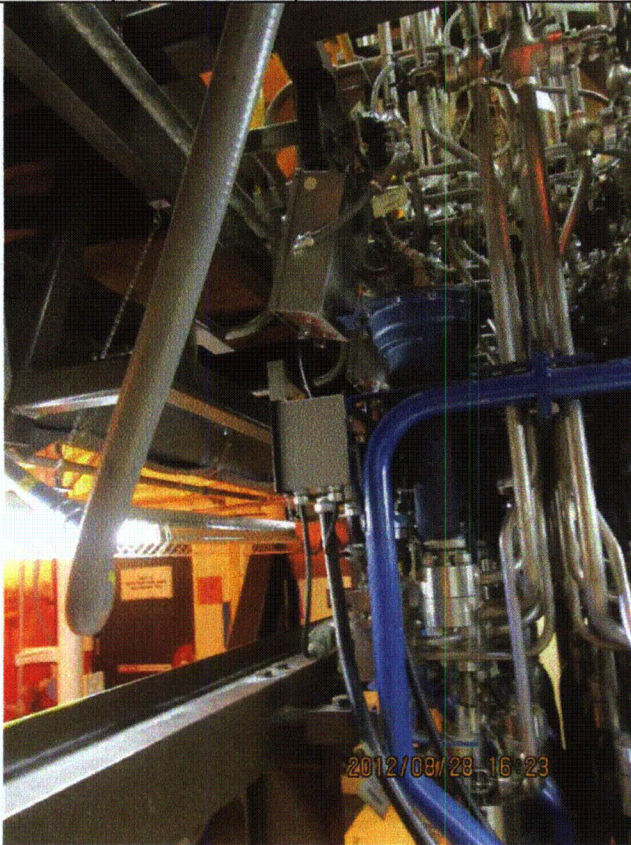
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001093

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 42-59



LaSalle 8-28-12 277 (13)



LaSalle 8-28-12 277 (14)

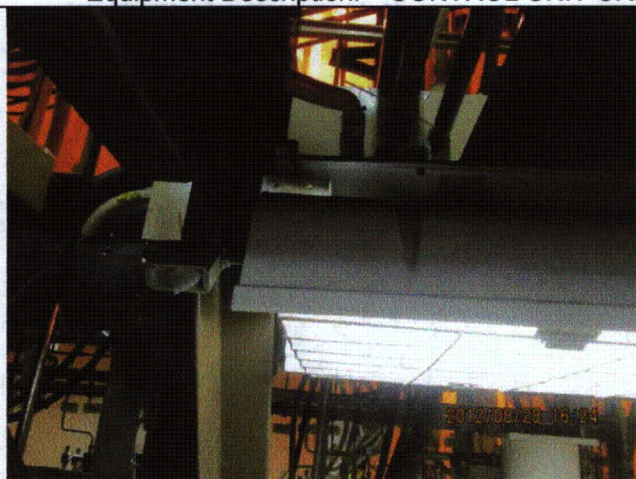
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001093

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 42-59



LaSalle 8-28-12 277 (15)



LaSalle 8-28-12 277 (16)

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001093

Equipment Class: (0) Other

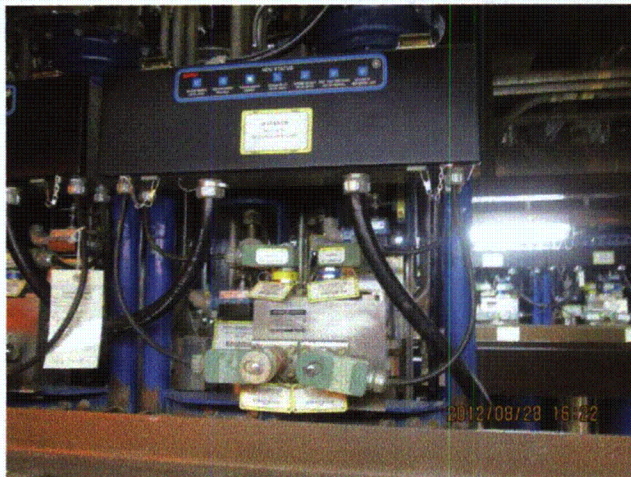
Equipment Description: CONTROL UNIT CRD HYDRAULIC 42-59



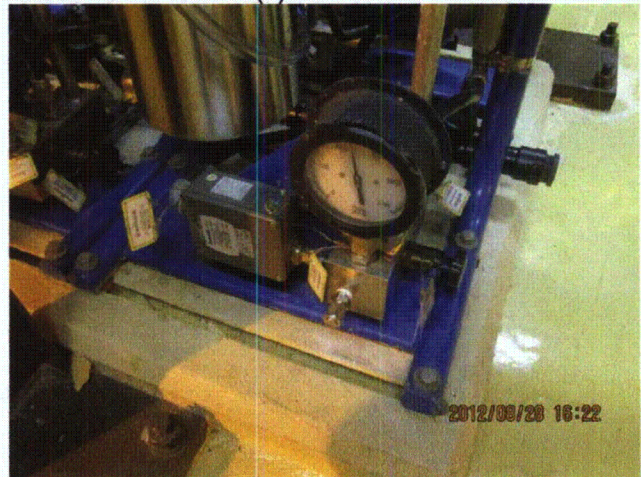
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LaSalle 8-28-12 277 (3)



LaSalle 8-28-12 277 (4)



LaSalle 8-28-12 277 (5)

Status: Y N U

Seismic Walkdown Checklist (SWC)

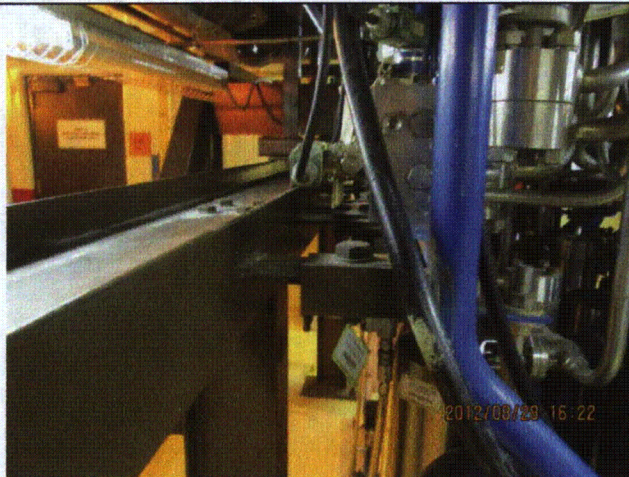
Equipment ID No.: 1C11-D001093

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 42-59



LaSalle 8-28-12 277 (6)



LaSalle 8-28-12 277 (7)

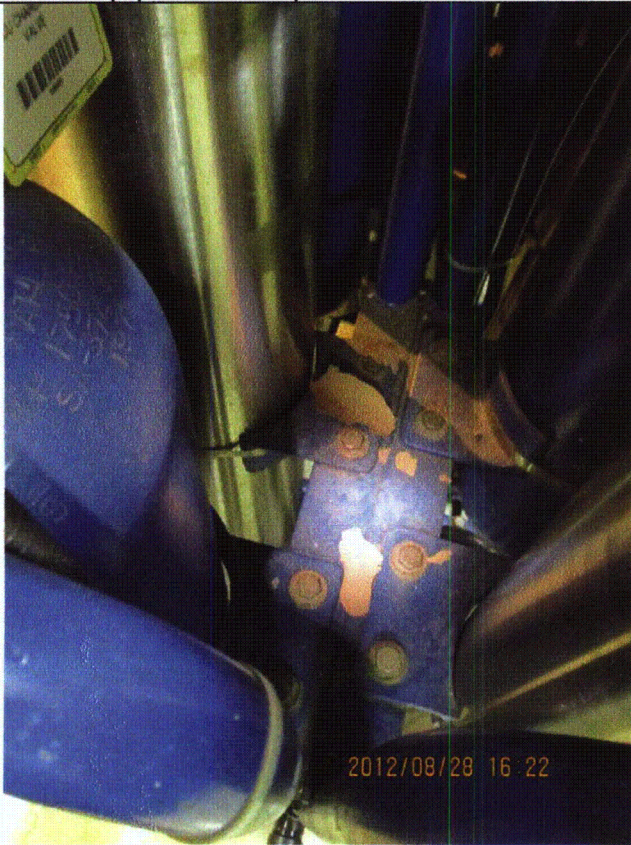
Status: Y N U

Seismic Walkdown Checklist (SWC)

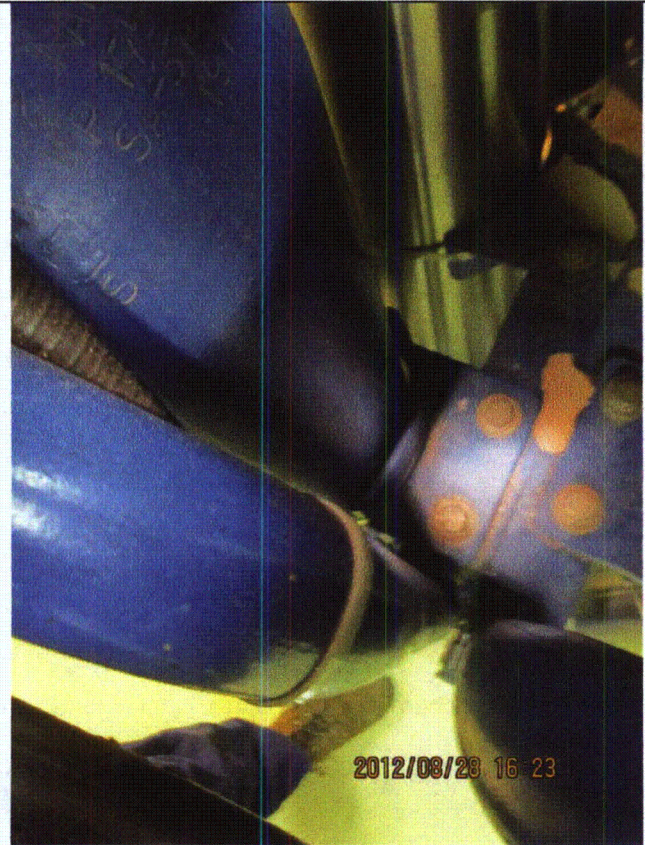
Equipment ID No.: 1C11-D001093

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 42-59



LaSalle 8-28-12 277 (8)



LaSalle 8-28-12 277 (9)

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001182

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 34-03

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): RB, 761.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Anchorage shown on drawings M-1562, Rev. D and M-1590, Sheet 4, Rev. N.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
Scram valves and accumulator well-supported on HCU framework.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001182

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 34-03

Interaction Effects


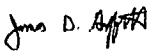
7. Are soft targets free from impact by nearby equipment or structures? Yes
Racks have stand-offs to structural steel frame to prevent movement.
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Overhead light fixtures judged to be acceptable. Open S-hooks, but pipe in vicinity and tie-offs prevent sway into CRD/HCU rack. See IR 1406922.
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

Evaluated by:  David Carter Date: 10/17/2012
 James Griffith 10/17/2012

Status: Y N U

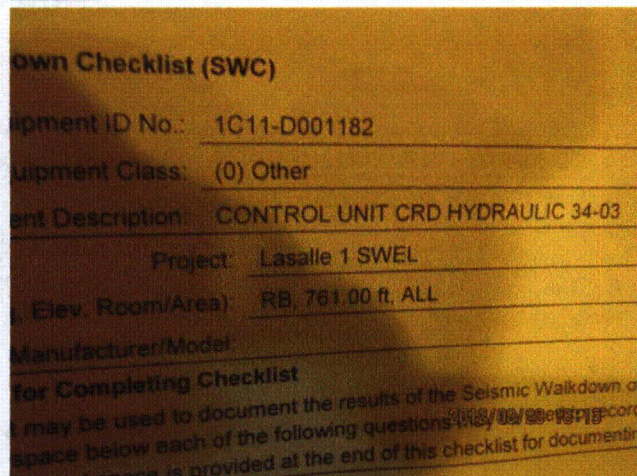
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001182

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 34-03

Photos



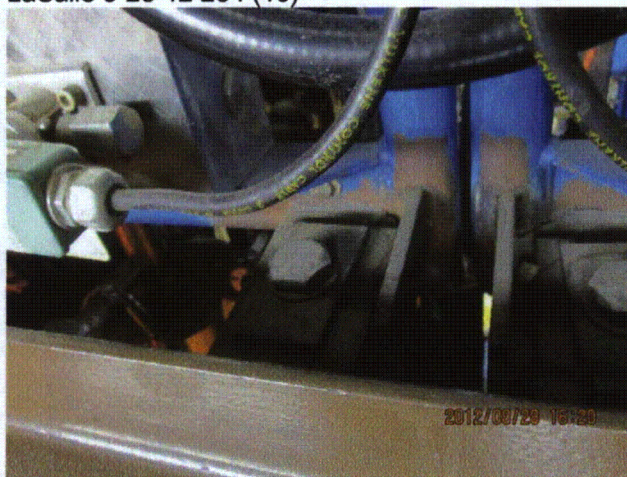
LaSalle 8-28-12 264 (1)



LaSalle 8-28-12 264 (10)



LaSalle 8-28-12 264 (11)



LaSalle 8-28-12 264 (12)

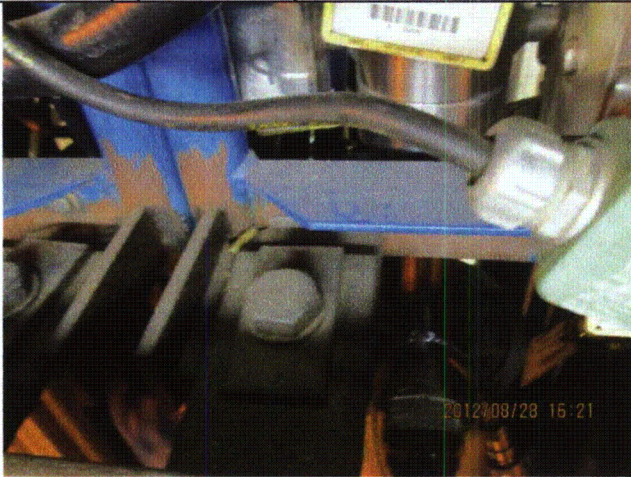
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001182

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 34-03



LaSalle 8-28-12 264 (13)



LaSalle 8-28-12 264 (2)



LaSalle 8-28-12 264 (3)



LaSalle 8-28-12 264 (4)

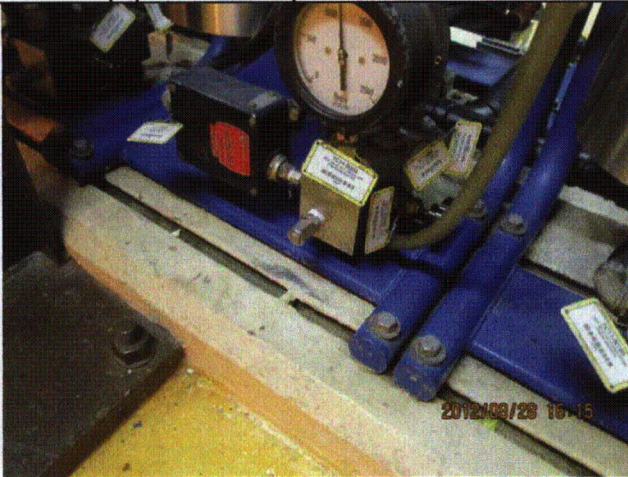
Status: Y N U

Seismic Walkdown Checklist (SWC)

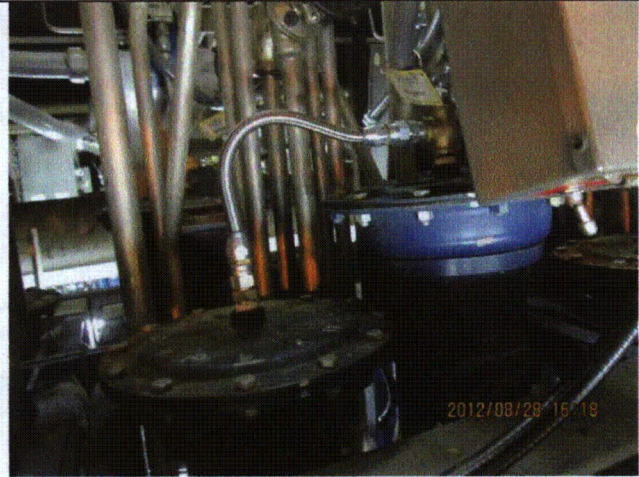
Equipment ID No.: 1C11-D001182

Equipment Class: (0) Other

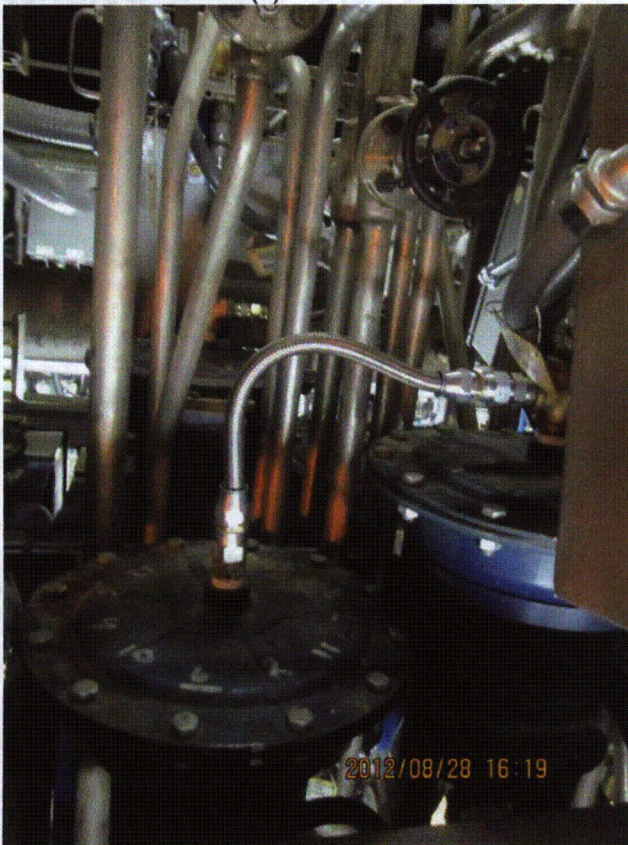
Equipment Description: CONTROL UNIT CRD HYDRAULIC 34-03



LaSalle 8-28-12 264 (5)



LaSalle 8-28-12 264 (6)



LaSalle 8-28-12 264 (7)



LaSalle 8-28-12 264 (8)

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D001182

Equipment Class: (0) Other

Equipment Description: CONTROL UNIT CRD HYDRAULIC 34-03



LaSalle 8-28-12 264 (9)

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D2659-125

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: CRD HCU SCRAM WATER ACCUMULATOR

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): RB, 761.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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.) Not Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
The scram water accumulator is an in-line component that is adequately restrained to the CRD/HCU support frame.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D2659-125

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: CRD HCU SCRAM WATER ACCUMULATOR

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
Racks have stand-offs to structural steel frame to prevent movement.
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Overhead light fixtures judged to be acceptable. Open S-hooks, but pipe in vicinity and tie-offs prevent sway into CRD/HCU rack. See IR 1406922.
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes


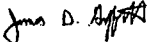
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

For photographs, see the SWC for 1C11-D001001.

Evaluated by:  David Carter Date: 10/17/2012
 James D. Griffith 10/17/2012

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D2659-126

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: CRD HCU SCRAM INLET VALVE

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): RB, 761.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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.) Not Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
The scram inlet valve is an in-line component with the operator adequately restrained to the CRD/HCU support frame.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D2659-126

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: CRD HCU SCRAM INLET VALVE

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Racks have stand-offs to structural steel frame to prevent movement.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Overhead light fixtures judged to be acceptable. Open S-hooks, but pipe in vicinity and tie-offs prevent sway into CRD/HCU rack. See IR 1406922.

9. Do attached lines have adequate flexibility to avoid damage? Yes

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

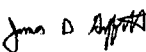
Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

For photographs, see the SWC for 1C11-D001001.

Evaluated by:  David Carter

Date: 10/17/2012

 James Griffith

10/17/2012

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D2659-127

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: CRD HCU SCRAM OUTLET VALVE

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): RB, 761.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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.) Not Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
The scram outlet valve is an in-line component with the operator adequately restrained to the CRD/HCU support frame.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D2659-127

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: CRD HCU SCRAM OUTLET VALVE

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
Racks have stand-offs to structural steel frame to prevent movement.
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Overhead light fixtures judged to be acceptable. Open S-hooks, but pipe in vicinity and tie-offs prevent sway into CRD/HCU rack. See IR 1406922.
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

For photographs, see the SWC for 1C11-D001001.

Evaluated by:  David Carter Date: 10/17/2012

 James Griffith 10/17/2012

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D3003-125

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: CRD HCU SCRAM WATER ACCUMULATOR

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): RB, 761.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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.) Not Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
The scram water accumulator is an in-line component that is adequately restrained to the CRD/HCU support frame.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D3003-125

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: CRD HCU SCRAM WATER ACCUMULATOR

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Racks have stand-offs to structural steel frame to prevent movement.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Overhead light fixtures judged to be acceptable. Open S-hooks, but pipe in vicinity and tie-offs prevent sway into CRD/HCU rack. See IR 1406922.

9. Do attached lines have adequate flexibility to avoid damage? Yes

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

For photographs, see the SWC for 1C11-D001089.

Evaluated by:  David Carter

Date: 10/17/2012

 James Griffith

10/17/2012

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D3003-126

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: CRD HCU SCRAM INLET VALVE

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): RB, 761.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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.) Not Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
The scram inlet valve is an in-line component with the operator adequately restrained to the CRD/HCU support frame.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D3003-126

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: CRD HCU SCRAM INLET VALVE

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
Racks have stand-offs to structural steel frame to prevent movement.
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Overhead light fixtures judged to be acceptable. Open S-hooks, but pipe in vicinity and tie-offs prevent sway into CRD/HCU rack. See IR 1406922.
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

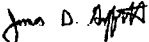
Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

For photographs, see the SWC for 1C11-D001089.

Evaluated by:  David Carter

Date: 10/17/2012

 James D. Griffith

10/17/2012

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D3003-127

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: CRD HCU SCRAM OUTLET VALVE

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): RB, 761.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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.) Not Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
The scram outlet valve is an in-line component with the operator adequately restrained to the CRD/HCU support frame.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D3003-127

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: CRD HCU SCRAM OUTLET VALVE

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
Racks have stand-offs to structural steel frame to prevent movement.
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Overhead light fixtures judged to be acceptable. Open S-hooks, but pipe in vicinity and tie-offs prevent sway into CRD/HCU rack. See IR 1406922.
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes


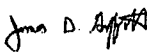
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

For photographs, see the SWC for 1C11-D001089.

Evaluated by:  David Carter Date: 10/17/2012
 James Griffith 10/17/2012

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D3403-125

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: CRD HCU SCRAM WATER ACCUMULATOR

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): RB, 761.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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.) Not Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
The scram water accumulator is an in-line component that is adequately restrained to the CRD/HCU support frame.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D3403-125

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: CRD HCU SCRAM WATER ACCUMULATOR

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Racks have stand-offs to structural steel frame to prevent movement.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Overhead light fixtures judged to be acceptable. Open S-hooks, but pipe in vicinity and tie-offs prevent sway into CRD/HCU rack. See IR 1406922.

9. Do attached lines have adequate flexibility to avoid damage? Yes

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

For photographs, see the SWC for 1C11-D001182.

Evaluated by:  David Carter Date: 10/17/2012

 James D. Griffith 10/17/2012

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D3403-126

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: CRD HCU SCRAM INLET VALVE

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): RB, 761.00 ft, ALL

Manufacturer/Model: _____

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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.) Not Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
The scram inlet valve is an in-line component with the operator adequately restrained to the CRD/HCU support frame.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D3403-126

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: CRD HCU SCRAM INLET VALVE

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
Racks have stand-offs to structural steel frame to prevent movement.
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Overhead light fixtures judged to be acceptable. Open S-hooks, but pipe in vicinity and tie-offs prevent sway into CRD/HCU rack. See IR 1406922.
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

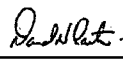
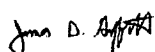
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

For photographs, see the SWC for 1C11-D001182.

Evaluated by:  David Carter Date: 10/17/2012
 James Griffith 10/17/2012

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D3403-127

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: CRD HCU SCRAM OUTLET VALVE

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): RB, 761.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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.) Not Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
The scram outlet valve is an in-line component with the operator adequately restrained to the CRD/HCU support frame.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D3403-127

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: CRD HCU SCRAM OUTLET VALVE

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
Racks have stand-offs to structural steel frame to prevent movement.
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Overhead light fixtures judged to be acceptable. Open S-hooks, but pipe in vicinity and tie-offs prevent sway into CRD/HCU rack. See IR 1406922.
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

For photographs, see the SWC for 1C11-D001182.

Evaluated by:  David Carter Date: 10/17/2012

 James D. Griffith 10/17/2012

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D4259-125

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: CRD HCU SCRAM WATER ACCUMULATOR

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): RB, 761.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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.) Not Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
The scram water accumulator is an in-line component that is adequately restrained to the CRD/HCU support frame.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D4259-125

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: CRD HCU SCRAM WATER ACCUMULATOR

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Racks have stand-offs to structural steel frame to prevent movement.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Overhead light fixtures judged to be acceptable. Open S-hooks, but pipe in vicinity and tie-offs prevent sway into CRD/HCU rack. See IR 1406922.

9. Do attached lines have adequate flexibility to avoid damage? Yes

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

For photographs, see the SWC for 1C11-D001093.

Evaluated by:  David Carter Date: 10/17/2012

 James Griffith 10/17/2012

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D4259-126

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: CRD HCU SCRAM INLET VALVE

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): RB, 761.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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.) Not Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
The scram inlet valve is an in-line component with the operator adequately restrained to the CRD/HCU support frame.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D4259-126

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: CRD HCU SCRAM INLET VALVE

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Racks have stand-offs to structural steel frame to prevent movement.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Overhead light fixtures judged to be acceptable. Open S-hooks, but pipe in vicinity and tie-offs prevent sway into CRD/HCU rack. See IR 1406922.

9. Do attached lines have adequate flexibility to avoid damage? Yes

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

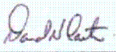
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

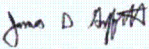
Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

For photographs, see the SWC for 1C11-D001093.

Evaluated by:  David Carter

Date: 10/17/2012

 James Griffith

10/17/2012

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D4259-127

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: CRD HCU SCRAM OUTLET VALVE

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): RB, 761.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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.) Not Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
The scram outlet valve is an in-line component with the operator adequately restrained to the CRD/HCU support frame.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C11-D4259-127

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: CRD HCU SCRAM OUTLET VALVE

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Racks have stand-offs to structural steel frame to prevent movement.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Overhead light fixtures judged to be acceptable. Open S-hooks, but pipe in vicinity and tie-offs prevent sway into CRD/HCU rack. See IR 1406922.

9. Do attached lines have adequate flexibility to avoid damage? Yes

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

For photographs, see the SWC for 1C11-D001093.

Evaluated by:  David Carter Date: 10/17/2012

 James D. Griffith 10/17/2012

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C41-A001

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: STANDBY LIQUID CONTROL SOLUTION TANK

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): RB, 820.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes
Minor shrinkage cracking near Bolt 1 judged to be acceptable per ACI 349.

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.) Yes
Anchorage verified per drawings M-1556, Rev. G and M-1590, Sheet 7, Rev. J.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C41-A001

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: STANDBY LIQUID CONTROL SOLUTION TANK

Interaction Effects

- | | |
|---|-----|
| 7. Are soft targets free from impact by nearby equipment or structures? | Yes |
| <i>Scaffold nearby properly restrained.</i> | |
| 8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? | Yes |
| 9. Do attached lines have adequate flexibility to avoid damage? | Yes |
| 10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? | Yes |

Other Adverse Conditions

- | | |
|--|-----|
| 11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? | Yes |
|--|-----|

Comments

Seismic Walkdown Team: M. Etre & M. Wodarczyk - 9/17/2012

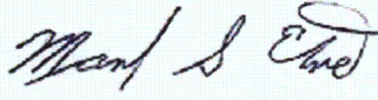
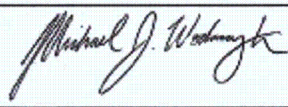
Status: Y N U

Seismic Walkdown Checklist (SWC)

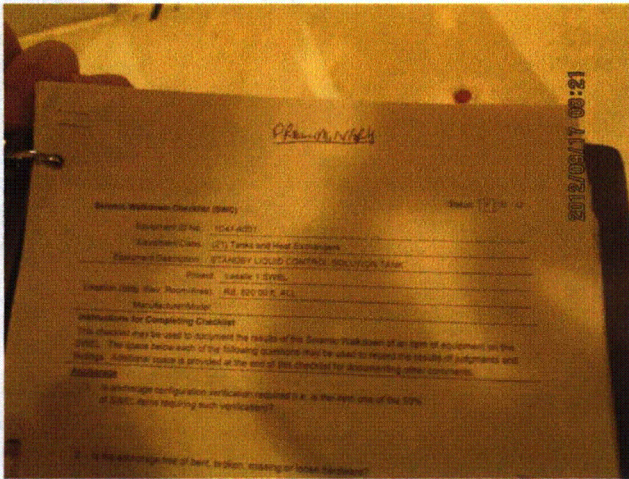
Equipment ID No.: 1C41-A001

Equipment Class: (21) Tanks and Heat Exchangers

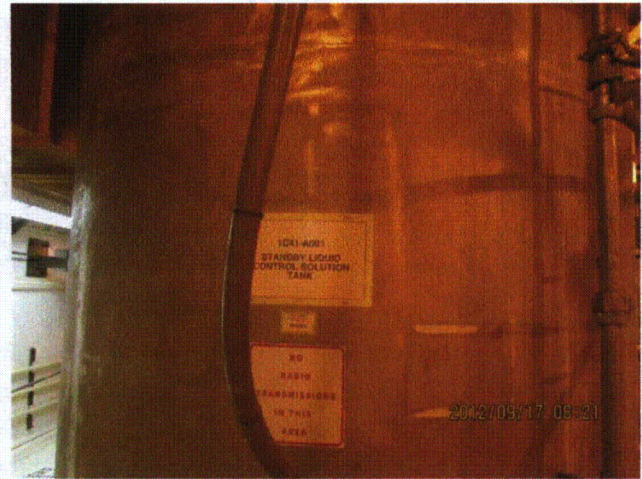
Equipment Description: STANDBY LIQUID CONTROL SOLUTION TANK

Evaluated by:  Mark Etre Date: 10/17/2012
 Michael Wodarcyk 10/17/2012

Photos



20120917-Lasalle 001



20120917-Lasalle 002



20120917-Lasalle 003



20120917-Lasalle 004

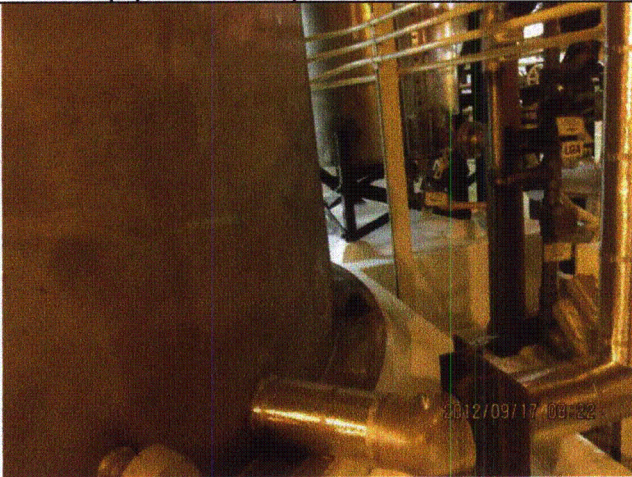
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Seismic Walkdown Checklist (SWC)

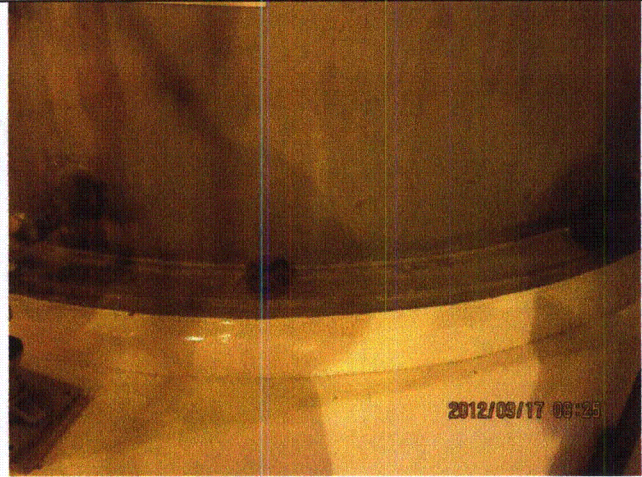
Equipment ID No.: 1C41-A001

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: STANDBY LIQUID CONTROL SOLUTION TANK



20120917-Lasalle 005



20120917-Lasalle 006



20120917-Lasalle 007



20120917-Lasalle 008

Status: Y N U

Seismic Walkdown Checklist (SWC)

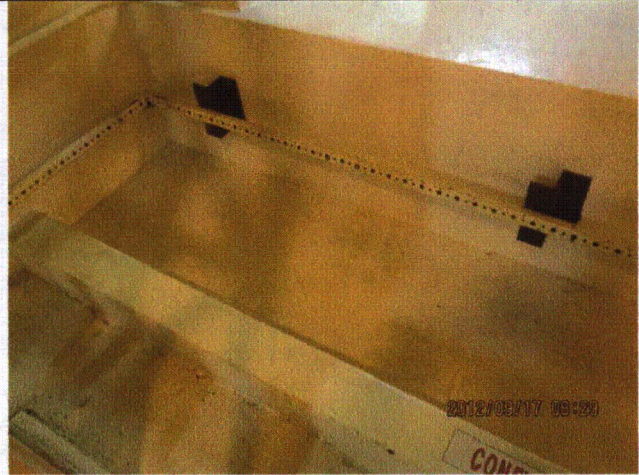
Equipment ID No.: 1C41-A001

Equipment Class: (21) Tanks and Heat Exchangers

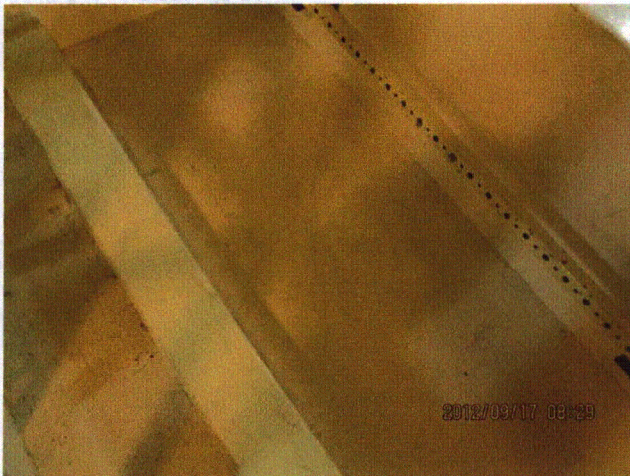
Equipment Description: STANDBY LIQUID CONTROL SOLUTION TANK



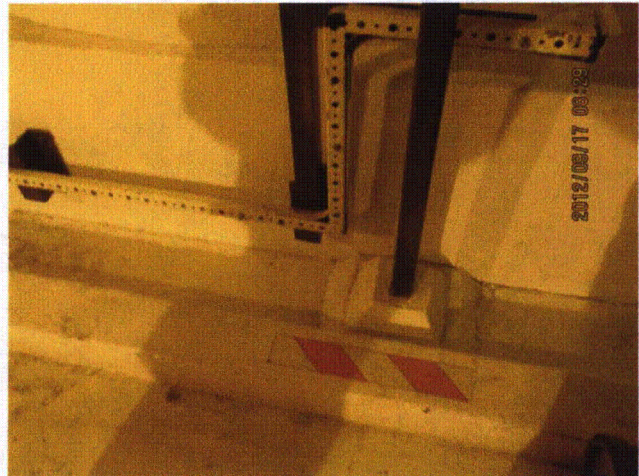
20120917-Lasalle 009



20120917-Lasalle 010



20120917-Lasalle 011



20120917-Lasalle 012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C41-C001A

Equipment Class: (5) Horizontal Pumps

Equipment Description: A STANDBY LIQUID CONTROL PUMP

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): RB, 820.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Anchorage verified per drawings M-1556, Rev. G and M-1590, Sheet 3, Rev. M.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C41-C001A

Equipment Class: (5) Horizontal Pumps

Equipment Description: A STANDBY LIQUID CONTROL PUMP

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Overhead light fixture judged to be acceptable.
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

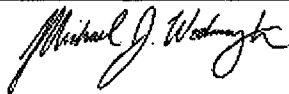
Seismic Walkdown Team: M. Etre & M. Wodarczyk - 9/17/2012

Evaluated by:



Mark Etre

Date: 10/25/2012



Michael Wodarczyk

10/25/2012

Status: Y N U

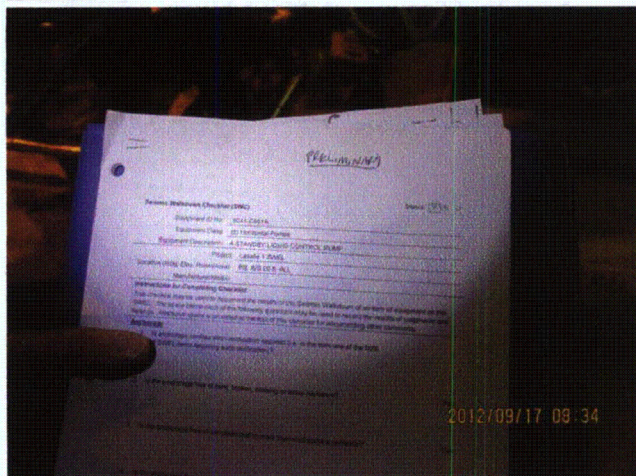
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1C41-C001A

Equipment Class: (5) Horizontal Pumps

Equipment Description: A STANDBY LIQUID CONTROL PUMP

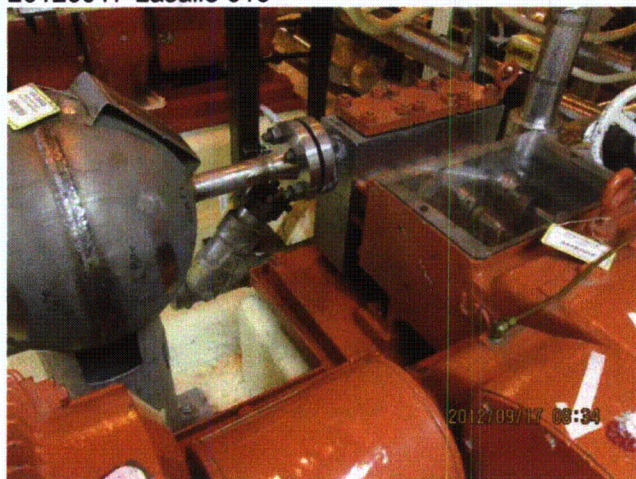
Photos



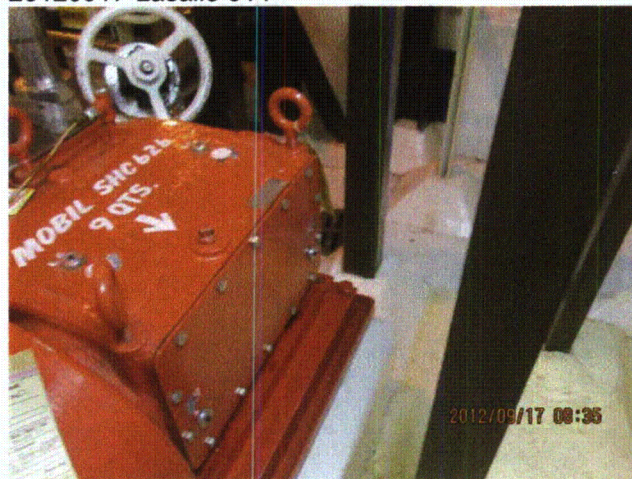
20120917-Lasalle 013



20120917-Lasalle 014



20120917-Lasalle 015



20120917-Lasalle 016

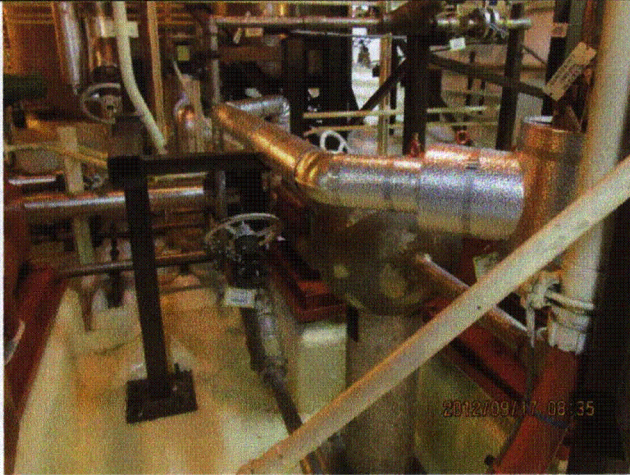
Status: Y N U

Seismic Walkdown Checklist (SWC)

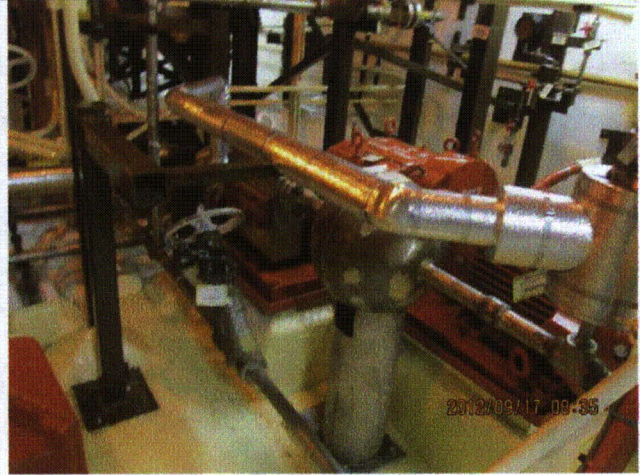
Equipment ID No.: 1C41-C001A

Equipment Class: (5) Horizontal Pumps

Equipment Description: A STANDBY LIQUID CONTROL PUMP



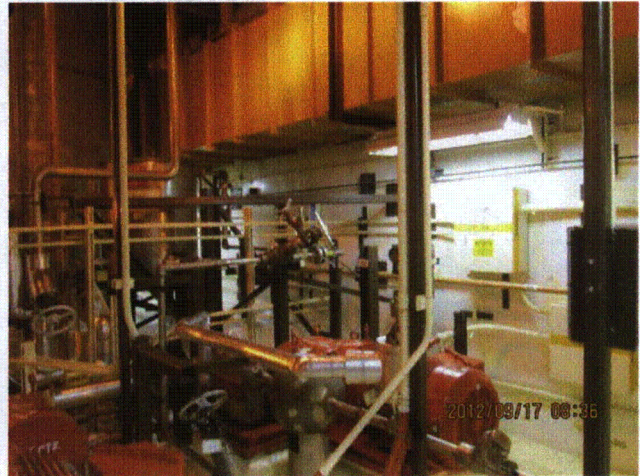
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20120917-Lasalle 018



20120917-Lasalle 019



20120917-Lasalle 020

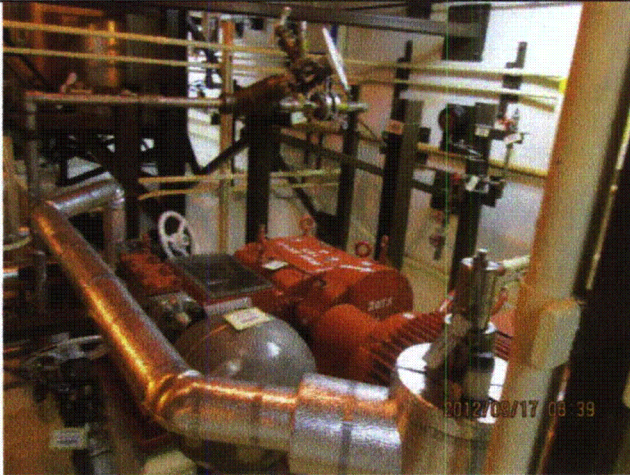
Status: Y N U

Seismic Walkdown Checklist (SWC)

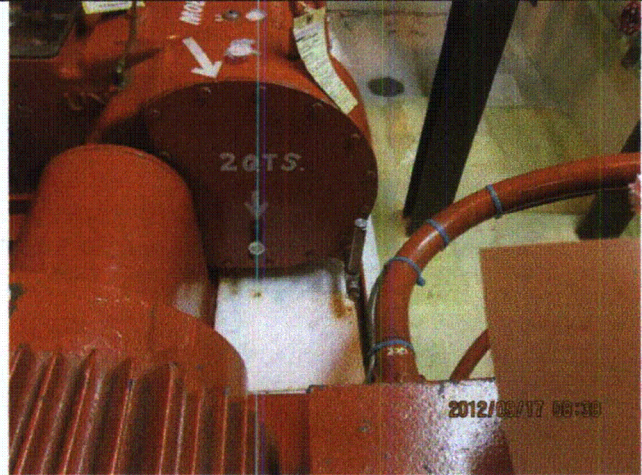
Equipment ID No.: 1C41-C001A

Equipment Class: (5) Horizontal Pumps

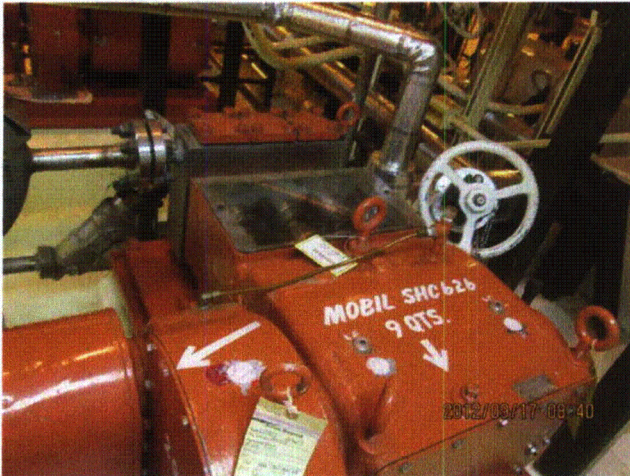
Equipment Description: A STANDBY LIQUID CONTROL PUMP



20120917-Lasalle 021



20120917-Lasalle 022



20120917-Lasalle 023

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC003E

Equipment Class: (16) Inverters

Equipment Description: 250V DC BATTERY CHARGER NO. 1

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): AB, 710.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Anchorage shown on drawings S-447, Rev. AG; 1E-1-3434, Sheet 1, Rev. BG; and 1E-1-3434, Sheet 2, Rev. L.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC003E

Equipment Class: (16) Inverters

Equipment Description: 250V DC BATTERY CHARGER NO. 1

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
Minimum 3/4" gap between charger and wall judged to be acceptable.
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Overhead light fixture and loudspeaker judged to be acceptable.
Adjacent masonry walls are safety-related per drawing A-184, Rev. AY.
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

Evaluated by:  David Carter Date: 10/17/2012
 James Griffith 10/17/2012

Status: Y N U

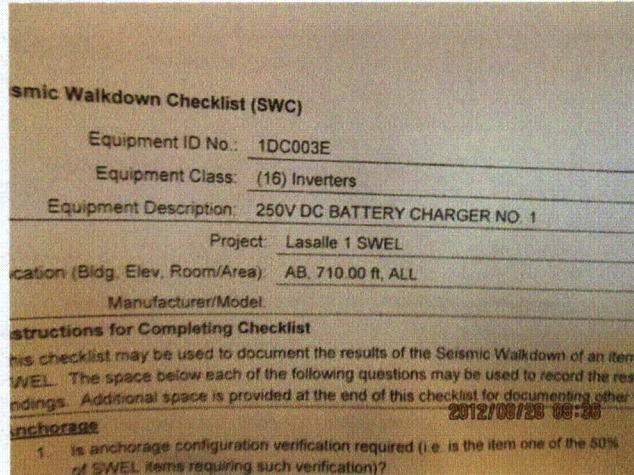
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC003E

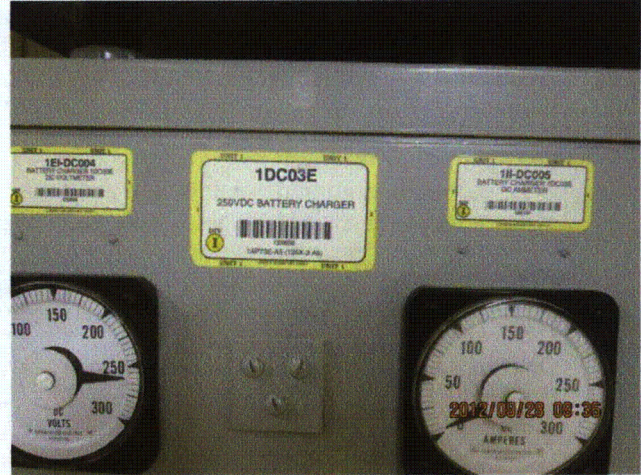
Equipment Class: (16) Inverters

Equipment Description: 250V DC BATTERY CHARGER NO. 1

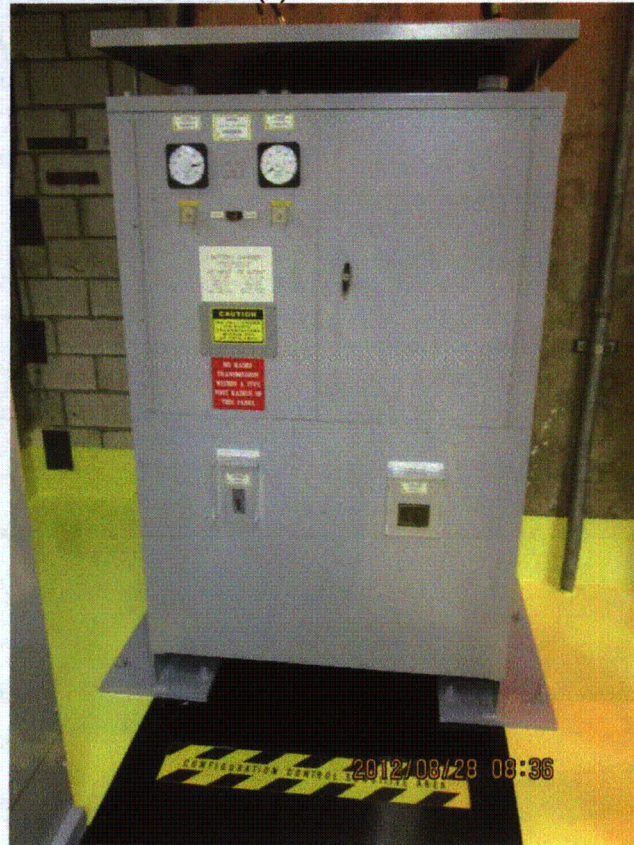
Photos



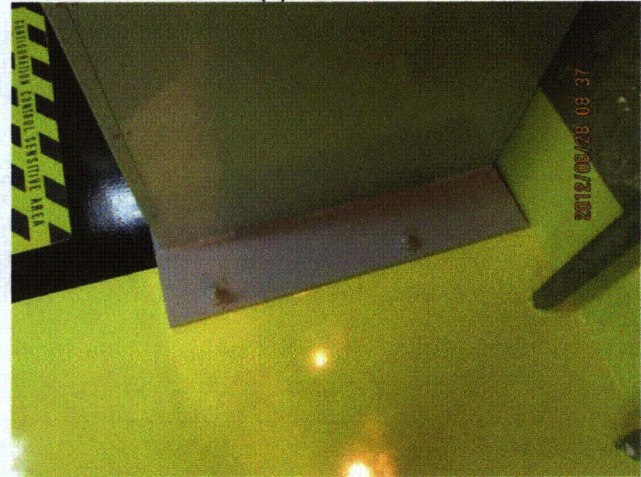
LaSalle 8-28-12 087 (1)



LaSalle 8-28-12 087 (2)



LaSalle 8-28-12 087 (3)



LaSalle 8-28-12 087 (4)

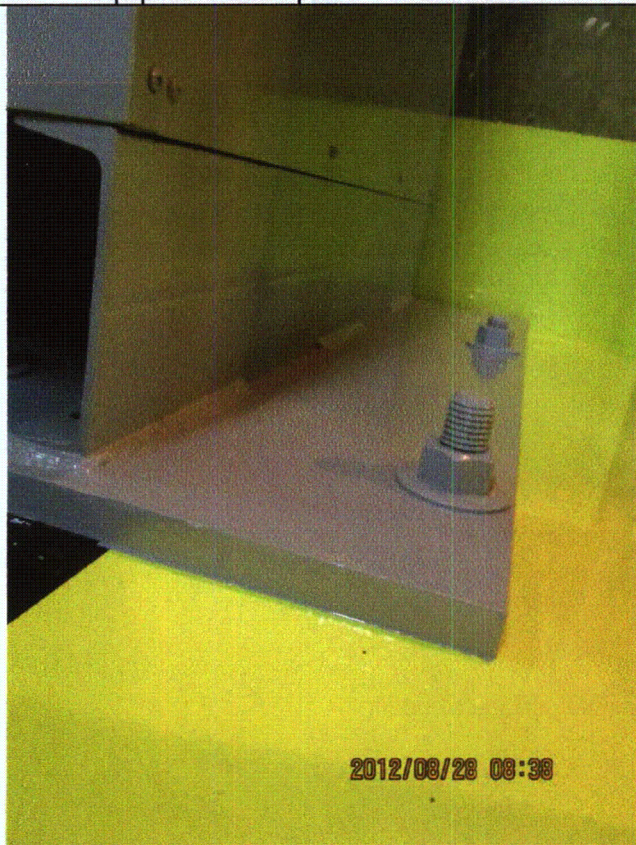
Status: Y N U

Seismic Walkdown Checklist (SWC)

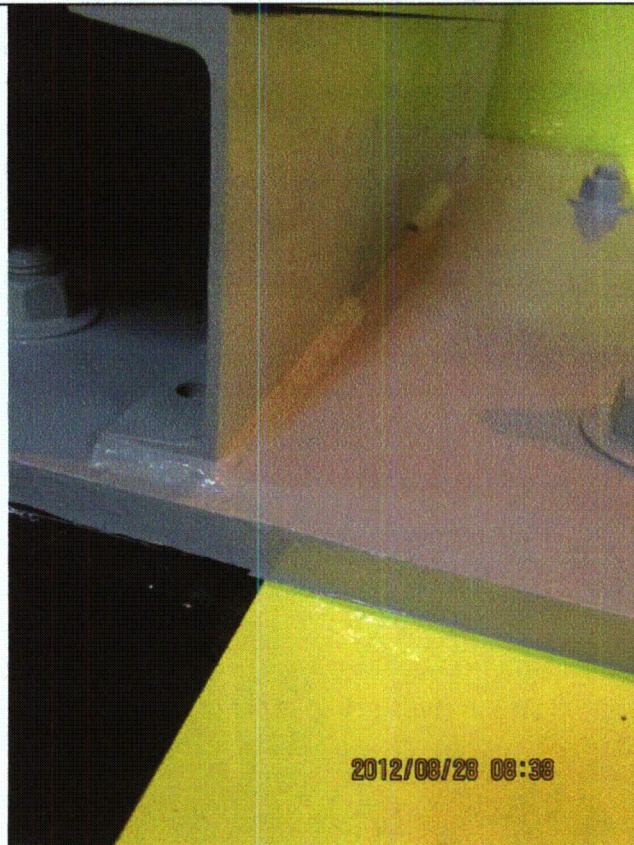
Equipment ID No.: 1DC003E

Equipment Class: (16) Inverters

Equipment Description: 250V DC BATTERY CHARGER NO. 1



LaSalle 8-28-12 087 (5)



LaSalle 8-28-12 087 (6)

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC005E

Equipment Class: (1) Motor Control Centers

Equipment Description: 250V MCC

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): AB, 710.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Anchorage shown on drawings 1E-1-3434, Sheet 1, Rev. BG and 1E-1-3434, Sheet 2, Rev. L.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC005E

Equipment Class: (1) Motor Control Centers

Equipment Description: 250V MCC

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

MCCs 1DC02E and 1DC005E are welded together.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Overhead light fixtures judged to be acceptable.

Adjacent masonry wall is safety-related per drawing A-184, Rev. AY.

9. Do attached lines have adequate flexibility to avoid damage? Yes

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

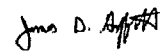
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

Evaluated by:  David Carter Date: 10/17/2012

 James D. Griffith James Griffith 10/17/2012

Status: Y N U

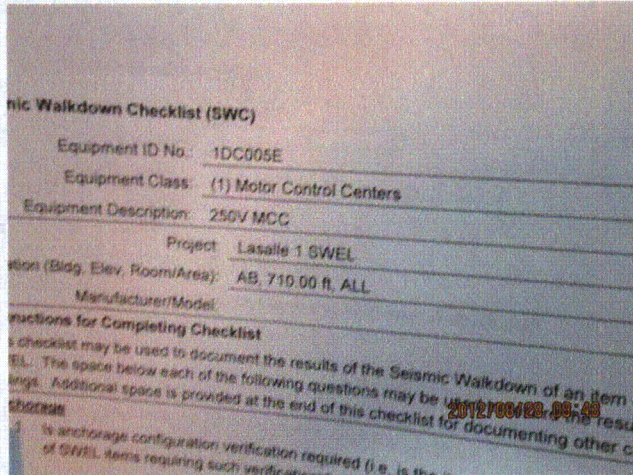
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC005E

Equipment Class: (1) Motor Control Centers

Equipment Description: 250V MCC

Photos



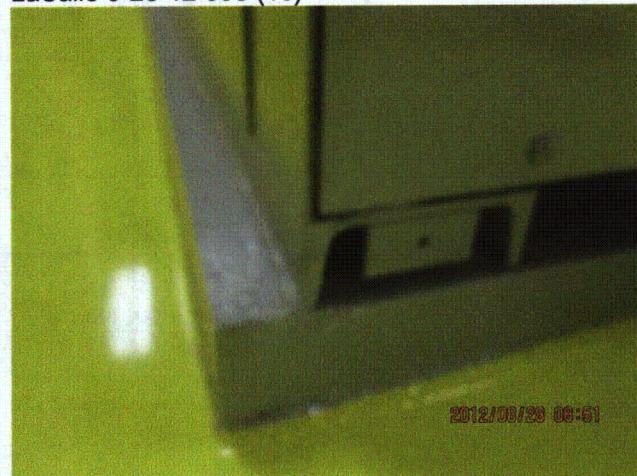
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LaSalle 8-28-12 093 (10)



LaSalle 8-28-12 093 (11)



LaSalle 8-28-12 093 (12)

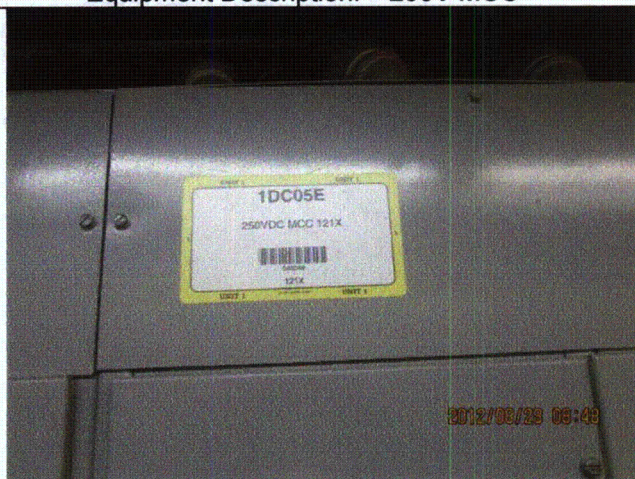
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC005E

Equipment Class: (1) Motor Control Centers

Equipment Description: 250V MCC



LaSalle 8-28-12 093 (2)



LaSalle 8-28-12 093 (3)

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC005E

Equipment Class: (1) Motor Control Centers

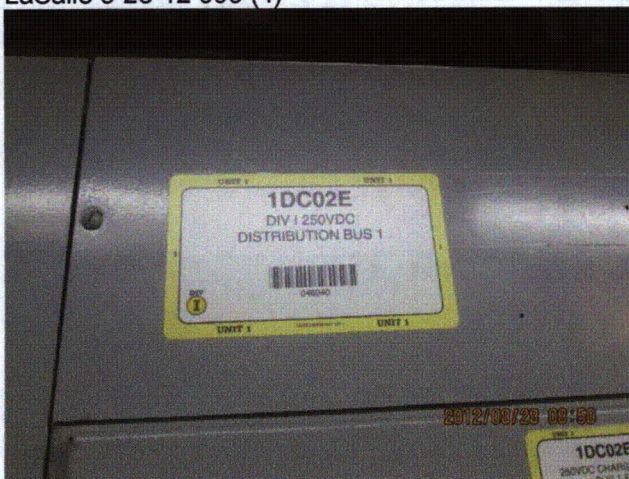
Equipment Description: 250V MCC

Walkdown Checklist (SWC)
Equipment ID No.: 1DC02E
Equipment Class: (14) Distribution Panels
Equipment Description: DIV I 250VDC DISTRIBUTION BUS 1
Project: LaSalle 1 SWEL
(Bldg, Elev, Room/Area): AB, 710.00 ft, ALL
Manufacturer/Model:
Instructions for Completing Checklist

Seismic Walkdown Checklist (SWC)
Equipment ID No.: 1DC005E
Equipment Class: (1) Motor Control Centers
Equipment Description: 250V MCC
Project: LaSalle 1 SWEL
(Bldg, Elev, Room/Area): AB, 710.00 ft, ALL
Manufacturer/Model:
Instructions for Completing Checklist



LaSalle 8-28-12 093 (5)



LaSalle 8-28-12 093 (6)



LaSalle 8-28-12 093 (7)

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC005E

Equipment Class: (1) Motor Control Centers

Equipment Description: 250V MCC



LaSalle 8-28-12 093 (8)



LaSalle 8-28-12 093 (9)

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC01E

Equipment Class: (15) Batteries on Racks

Equipment Description: 250VDC BATTERY

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): AB, 710.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes
Minor shrinkage cracking in floor judged to be acceptable.

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.) Yes
Anchorage verified per drawing 1E-1-3434, Sheet 4, Rev. A.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC01E

Equipment Class: (15) Batteries on Racks

Equipment Description: 250VDC BATTERY

Interaction Effects


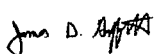
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Overhead light fixtures judged to be acceptable.
Battery room masonry walls are safety-related per drawing A-184, Rev. AY. Minor cracking in top 2 courses of masonry wall at north and west sides of battery room judged to be insignificant.
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

Evaluated by:  David Carter Date: 10/17/2012
 James D. Griffith 10/17/2012

Status: Y N U

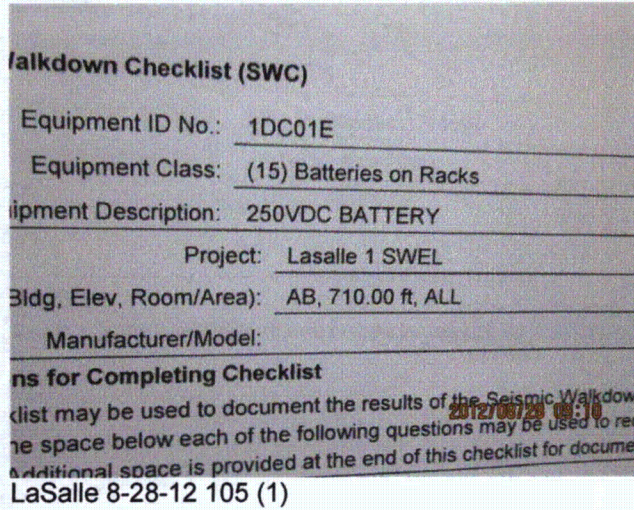
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC01E

Equipment Class: (15) Batteries on Racks

Equipment Description: 250VDC BATTERY

Photos



LaSalle 8-28-12 105 (10)

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC01E

Equipment Class: (15) Batteries on Racks

Equipment Description: 250VDC BATTERY



LaSalle 8-28-12 105 (11)



LaSalle 8-28-12 105 (12)



LaSalle 8-28-12 105 (13)



LaSalle 8-28-12 105 (2)

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC01E

Equipment Class: (15) Batteries on Racks

Equipment Description: 250VDC BATTERY



LaSalle 8-28-12 105 (3)



LaSalle 8-28-12 105 (4)



LaSalle 8-28-12 105 (5)



LaSalle 8-28-12 105 (6)

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC01E

Equipment Class: (15) Batteries on Racks

Equipment Description: 250VDC BATTERY



LaSalle 8-28-12 105 (7)



LaSalle 8-28-12 105 (9)

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC02E

Equipment Class: (14) Distribution Panels

Equipment Description: DIV I 250VDC DISTRIBUTION BUS 1

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): AB, 710.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Anchorage shown on drawings 1E-1-3434, Sheet 1, Rev. BG and 1E-1-3434, Sheet 2, Rev. L.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC02E

Equipment Class: (14) Distribution Panels

Equipment Description: DIV I 250VDC DISTRIBUTION BUS 1

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

MCCs 1DC02E and 1DC005E are welded together.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Overhead light fixtures judged to be acceptable.

Adjacent masonry wall is safety-related per drawing A-184, Rev. AY.

9. Do attached lines have adequate flexibility to avoid damage? Yes

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/28/2012

Evaluated by: *David Carter* David Carter Date: 10/17/2012

James D. Griffith James Griffith 10/17/2012

Status: Y N U

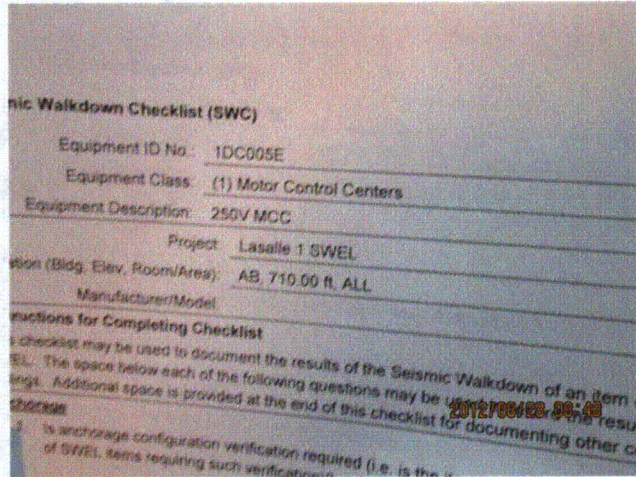
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC02E

Equipment Class: (14) Distribution Panels

Equipment Description: DIV I 250VDC DISTRIBUTION BUS 1

Photos



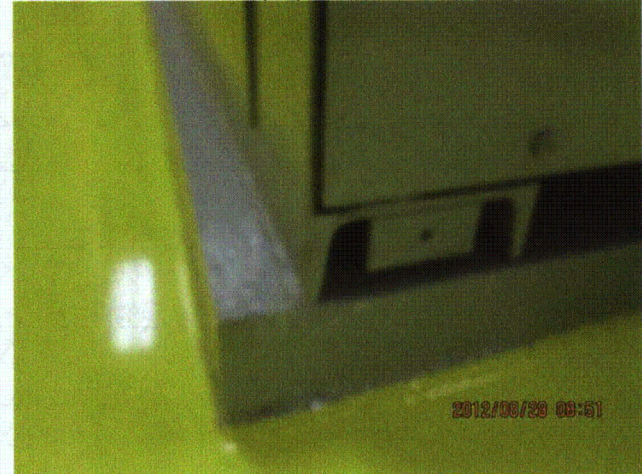
LaSalle 8-28-12 093 (1)



LaSalle 8-28-12 093 (10)



LaSalle 8-28-12 093 (11)



LaSalle 8-28-12 093 (12)

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC02E

Equipment Class: (14) Distribution Panels

Equipment Description: DIV I 250VDC DISTRIBUTION BUS 1



LaSalle 8-28-12 093 (2)



LaSalle 8-28-12 093 (3)

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC02E

Equipment Class: (14) Distribution Panels

Equipment Description: DIV I 250VDC DISTRIBUTION BUS 1

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC02E

Equipment Class: (14) Distribution Panels

Equipment Description: DIV I 250VDC DISTRIBUTION BUS 1

Project: LaSalle 1 SWEL

(Bldg, Elev, Room/Area): AB, 710.00 ft, ALL

Manufacturer/Model:

Instructions for Completing Checklist

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC005E

Equipment Class: (1) Motor Control Centers

Equipment Description: 250V MCC

Project: LaSalle 1 SWEL

(Bldg, Elev, Room/Area): AB, 710.00 ft, ALL

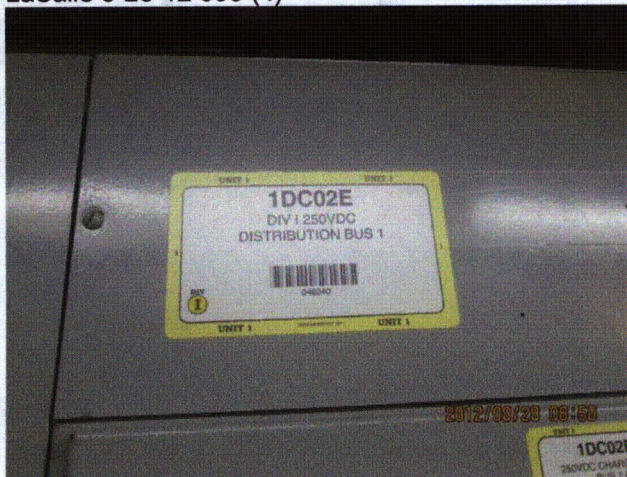
Manufacturer/Model:

Instructions for Completing Checklist



LaSalle 8-28-12 093 (4)

LaSalle 8-28-12 093 (5)



LaSalle 8-28-12 093 (6)



LaSalle 8-28-12 093 (7)

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC02E

Equipment Class: (14) Distribution Panels

Equipment Description: DIV I 250VDC DISTRIBUTION BUS 1



LaSalle 8-28-12 093 (8)



LaSalle 8-28-12 093 (9)

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC12E

Equipment Class: (14) Distribution Panels

Equipment Description: 125VDC DISTRIBUTION PANEL 112X (in 1DC15E MCC)

Project: LaSalle 1 SWEL

Location (Bldg, Elev, Room/Area): AB, 731.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Anchorage shown on drawings 1E-1-3444, Sheet 1, Rev. A and 1E-1-3434, Sheet 2, Rev. L.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC12E

Equipment Class: (14) Distribution Panels

Equipment Description: 125VDC DISTRIBUTION PANEL 112X (in 1DC15E MCC)

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Overhead light fixture in front of MCC on chains. Swinging toward MCC is mitigated by attached flexible conduit feed and a rigid conduit between the MCC and the light fixture, both of which dampen pendulum motion of the light fixture during a seismic event.
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

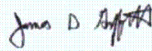
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes


Comments

Seismic Walkdown Team: J. Griffith & M. Wodarczyk - 9/12/2012

Evaluated by:

 James Griffith

Date: 10/17/2012

 Michael Wodarczyk

10/17/2012

Status: Y N U

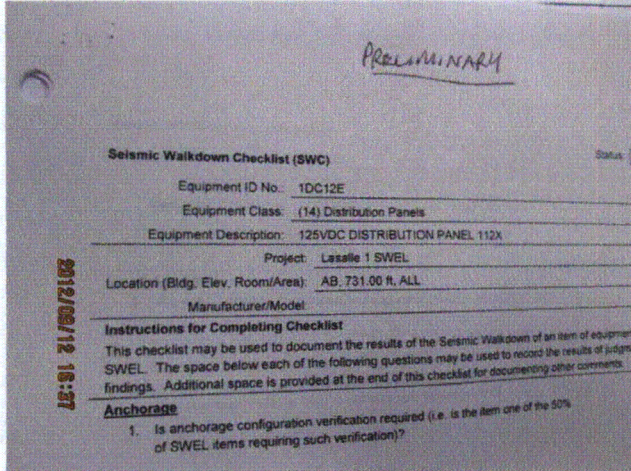
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC12E

Equipment Class: (14) Distribution Panels

Equipment Description: 125VDC DISTRIBUTION PANEL 112X (in 1DC15E MCC)

Photos



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20120912-Lasalle 298