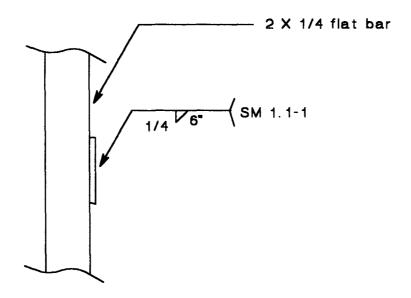


| MID ATLANTIC ENVIRONMENTAL | |
|--------------------------------------|--------------|
| EMERGENCY REPAIRS FOR RED HILL TANKS | |
| Tank #7 RECOMMENDED REPAIR DRAWINGS | |
| Repair No. • 016 | File:7R016 |
| | Quadrant: D |
| Course: A | Plate: 21 |
| Drawn by: Tom Kitchen | Date: 5/4/98 |

Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

| ank No.: 7 Repair No.: 016 Type: 10 Location: D21 - A | |
|---|------|
| Pinhole indication in fillet weld - Grind out defect, weld repair, and perform P.T. | |
| Sketch of Repair Area | |
| Veld Repair | |
| VPS No.: <u>SM1.1-1</u> | |
| Velder ID:John Walsh | |
| IDT Performed: Visual Vacuum Box Dye Penetrant | |
| ework Required: NA | |
| Pepair Acceptable: Date Accepted: 4-2-4 | 18 |
| Coating Repair | |
| Coating Type: Epoxy | |
| urface Preparation: Primer Coat: Intermediate Coat: Final Coat: | |
| DT Performed: Visual: Visual: DFT: Average DFT: 8-15 µ | nJls |
| ework Required: | |
| epair Acceptable: Date Accepted: 4-3-98 | ı |

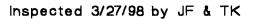


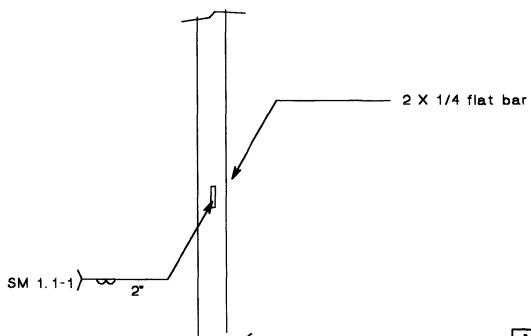
TYPE 10 REPAIR

| MID ATLANTIC ENVIRONMENTAL | |
|--------------------------------------|--------------|
| EMERGENCY REPAIRS FOR RED HILL TANKS | |
| Tank #7 RECOMMENDED REPAIR DRAWINGS | |
| Repair No. : 017 | File:7R017 |
| Upper Dome | Quadrant: D |
| Course: A | Plate: 19 |
| Drawn by: Tom Kitchen | Date: 5/4/98 |

Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

| Tank No.: 7 Repair No.: 017 Type: 10 Location: D19-A |
|---|
| Pinhole indication in fillet weld - Grind out defect, weld repair, and perform P.T. |
| Sketch of Repair Area |
| Weld Repair |
| WPS No.: <u>SM1.1-1</u> |
| Welder ID:John Walsh |
| NDT Performed: Visual Vacuum Box Dye Penetrant V |
| Rework Required: N/A |
| Repair Acceptable: Date Accepted: 4-2-7 |
| Coating Repair |
| Coating Type: Epoxy |
| Surface Preparation: Primer Coat: Intermediate Coat: Final Coat: |
| NDT Performed: Visual: DFT: Average DFT: & |
| Rework Required: V/A Repair Acceptable: Date Accepted: 4-3-9 |
| Renair Acceptable: 0.1. 4-3-9 |



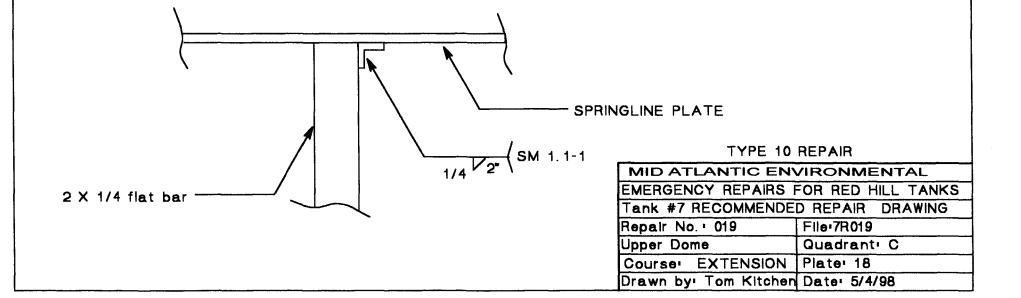


TYPE 10 REPAIR

| MID ATLANTIC EN | /IRONMENTAL |
|----------------------|-------------------|
| EMERGENCY REPAIRS F | OR RED HILL TANKS |
| Tank #7 RECOMMENDE | D REPAIR DRAWING |
| Repair No.: 018 | File:7R018 |
| Upper Dome | Quadrant: D |
| Course A | Plate: 19 |
| Drawn by Tom Kitchen | Date: 5/4/98 |

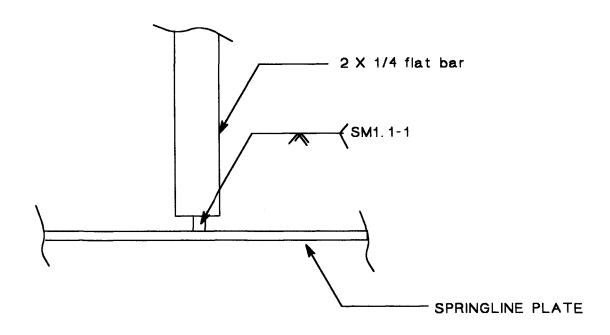
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

| Tank No.: 7 Repair No.: 0 8 Type: 10 Location: D 19 - A |
|--|
| Pinhole indication Grind out defect, weld repair, and perform P.T. |
| Sketch of Repair Area |
| Weld Repair |
| WPS No.: <u>SM1.1-1</u> |
| Welder ID:John Walsh |
| NDT Performed: Visual |
| Rework Required: ν/Λ |
| Repair Acceptable: Date Accepted: 4-2-9 |
| Coating Repair |
| Coating Type: Epoxy |
| Surface Preparation: V Primer Coat: V Intermediate Coat: V Final Coat: V |
| NDT Performed: Visual: DFT: Average DFT: _8~15 W |
| Rework Required: N/A |
| Repair Acceptable: Date Accepted: 4-3-9 |



Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

| Tank No.: 7 Repair No.: 0 9 Type: 10 Location: C18 - EXT |
|--|
| Pinhole indication in fillet weld - Grind out defect, weld repair, and perform P.T. |
| \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |
| Sketch of Repair Area |
| Weld Repair |
| WPS No.: <u>SM1.1-1</u> |
| Welder ID: |
| NDT Performed: Visual |
| Rework Required: U/A |
| Repair Acceptable: Date Accepted: 4-2-98 |
| Coating Repair |
| Coating Type: Epoxy |
| Surface Preparation: Primer Coat: Intermediate Coat: Final Coat: |
| NDT Performed: Visual: |
| Rework Required: $\begin{array}{c} $ |
| Repair Acceptable: Date Accepted: 4-3-98 |

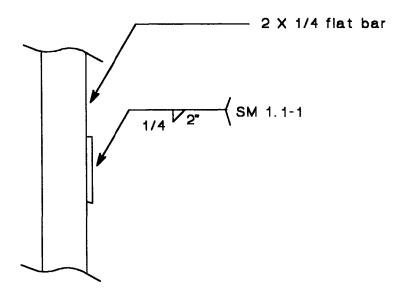


TYPE 10 REPAIR

| MID ATLANTIC EN | VIRONMENTAL |
|--------------------------------------|------------------|
| EMERGENCY REPAIRS FOR RED HILL TANKS | |
| Tank #7 RECOMMENDE | D REPAIR DRAWING |
| Repair No.: 020 | File:7R020 |
| Upper Dome | Quadrant: C |
| Course: A | Plate: 18 |
| Drawn by: Tom Kitchen | Date: 5/4/98 |
| | |

Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

| Tank No.: 7 Repair No.: 020 Type: 9 Location: C18 - A |
|--|
| Crack indication in bult weld - Grind out defect, weld repair, and perform P.T. |
| Sketch of Repair Area |
| Weld Repair |
| WPS No.: <u>SM1.1-1</u> |
| Welder ID:John Walsh |
| NDT Performed: Visual Vacuum Box Dye Penetrant |
| Rework Required: N/A |
| Repair Acceptable: John Sackell Date Accepted: 4-2-98 |
| Coating Repair |
| Coating Type: Epoxy |
| Surface Preparation: Primer Coat: Intermediate Coat: Final Coat: |
| NDT Performed: Visual: |
| Rework Required: ν |
| Repair Acceptable: Date Accepted: 4-3-98 |



| MID ATLANTIC ENVIRONMENTAL | |
|--------------------------------------|--------------|
| EMERGENCY REPAIRS FOR RED HILL TANKS | |
| Tank #7 RECOMMENDED REPAIR DRAWINGS | |
| Repair No. + 021 | File:7R021 |
| Upper Dome | Quadrant: C |
| Course: A | Plate: 1C |
| Drawn by: Tom Kitchen | Date: 5/4/98 |

Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

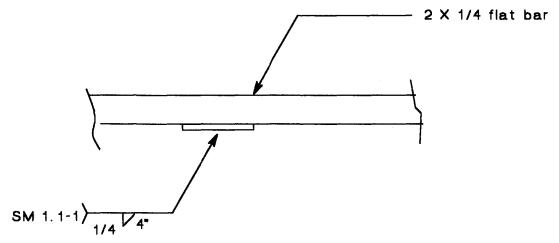
Repair Record

| Tank No.: 7 Repair No.: 021 Type: 10 Location: C16-A |
|---|
| Pinhole indication in fillet weld - Grind out defect, weld repair, and perform P.T. |
| Va PT |
| |
| Sketch of Repair Area |
| Weld Repair |
| WPS No.: <u>SM1.1-1</u> |
| Welder ID: John Walsh |
| NDT Performed: Visual Vacuum Box Dye Penetrant |
| Rework Required: ν |
| Repair Acceptable: Date Accepted: 4-2-98 |
| Coating Repair |
| Coating Type: Epoxy |
| Surface Preparation: Primer Coat: Intermediate Coat: Final Coat: |
| NDT Performed: Visual: V DFT: V Average DFT: 8-15 m |

Date Accepted: 4-3-98

Rework Required: U

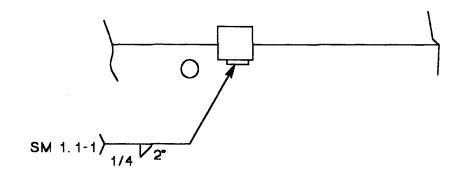
Repair Acceptable: _



| MID ATLANTIC ENVIRONMENTAL | |
|--------------------------------------|--|
| EMERGENCY REPAIRS FOR RED HILL TANKS | |
| Tank #7 RECOMMENDED REPAIR DRAWING | |
| Repair No. · 022 | File:7R022 |
| Upper Dome | Quadrant: C |
| Course EXTENSION | Plate: 18 |
| Drawn by: Tom Kitchen | Date: 5/4/98 |
| | ************************************** |

Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

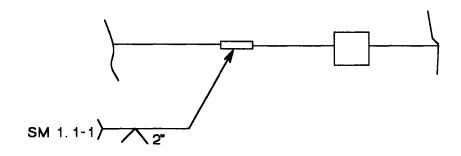
| Tank No.: 7 Repair No.: 022 Type: 10 Location: C18 - EXT |
|---|
| Pinhole indication in fillet weld - Grind out defect, weld repair, and perform P.T. |
| V ₁ , P ₁ |
| Sketch of Repair Area |
| Weld Repair |
| WPS No.: <u>SM1.1-1</u> |
| Welder ID: John Walsh |
| NDT Performed: Visual Vacuum Box Dye Penetrant |
| Rework Required: ν |
| Repair Acceptable: Date Accepted: 4-2-98 |
| Coating Repair |
| Coating Type: Epoxy |
| Surface Preparation: Primer Coat: Intermediate Coat: Final Coat: |
| NDT Performed: Visual: V DFT: V Average DFT: 8-15 m/s |
| Rework Required: V/A |
| Repair Acceptable: Date Accepted: 4-3-92 |



| MID ATLANTIC ENVIRONMENTAL | | |
|--------------------------------------|--|--|
| EMERGENCY REPAIRS FOR RED HILL TANKS | | |
| D REPAIR DRAWING | | |
| File:7R023 | | |
| Quadrant ⁱ D | | |
| Plate: 21 | | |
| Date: 5/4/98 | | |
| | | |

Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

| Tank No.: 7 Repair No.: 023 Type: 10 Location: D21 - 06 |
|---|
| Pinhole indication in fillet weld - Grind out defect, weld repair, and perform P.T. |
| 5 |
| Tim PT |
| Sketch of Repair Area |
| Weld Repair |
| WPS No.: <u>SM1.1-1</u> |
| Welder ID:John Walsh |
| NDT Performed: Visual Vacuum Box Dye Penetrant |
| Rework Required: ν/μ |
| Repair Acceptable: John Zackell Date Accepted: 4-2-98 |
| Coating Repair |
| Coating Type: Epoxy |
| Surface Preparation: Primer Coat: Intermediate Coat: Final Coat: |
| NDT Performed: Visual: V DFT: V Average DFT: 8~15 m. |
| Rework Required: N/A Repair Acceptable: Ann Pathell Date Accepted: 4-3-98 |
| Repair Acceptable: Ann Pathell Date Accepted: 4-3-98 |

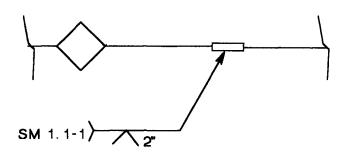


TYPE 9 REPAIR

| MID ATLANTIC ENVIRONMENTAL | | |
|--------------------------------------|------------------|--|
| EMERGENCY REPAIRS FOR RED HILL TANKS | | |
| Tank #7 RECOMMENDE | D REPAIR DRAWING | |
| Repair No. • 024 | File:7R024 | |
| CYLINDER | Quadrant: C | |
| Course: 10 | Plate: 12 | |
| Drawn by: Tom Kitchen | Date: 5/4/98 | |

Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

| Tank No.: 7 Repair No.: 024 Type: 97 Location: D12 - 10 |
|---|
| Pinhole indication in weld - Grind out defect, weld repair, and perform P.T. |
| S PT - X |
| |
| Sketch of Repair Area |
| Weld Repair |
| WPS No.: SM1.1-1 |
| Welder ID: John Walsh |
| NDT Performed: Visual Vacuum Box Dye Penetrant |
| Rework Required: U/A |
| Repair Acceptable: Date Accepted: 4'2-98 |
| Coating Repair |
| Coating Type: Epoxy |
| Surface Preparation: Primer Coat: Intermediate Coat: Final Coat: |
| NDT Performed: Visual: DFT: Average DFT: Average DFT: STATE OF THE PERFORMANCE OF THE |
| Rework Required: $\sqrt{\Lambda}$ |
| Repair Acceptable: Date Accepted: 4-3-98 |

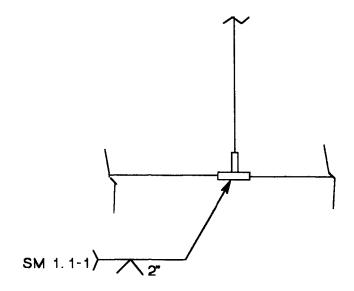


TYPE 9 REPAIR

| MID ATLANTIC ENVIRONMENTAL | | |
|--------------------------------------|--------------|--|
| EMERGENCY REPAIRS FOR RED HILL TANKS | | |
| Tank #7 RECOMMENDED REPAIR DRAWING | | |
| Repair No.: 025 | File:7R025 | |
| CYLINDER | Quadrant: D | |
| Course: 13 | Plate: 21 | |
| Drawn by Tom Kitchen | Date: 5/4/98 | |

Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

| Tank No.: 7 Repair No.: O 25 Typ | De: 90 Location: D21-13 |
|-----------------------------------|---|
| | Pinhole indication in but weld - Grind out defect, weld repair, and perform P.T. |
| 5 | |
| Sketch of Re | pair Area |
| Weld Repair | |
| WPS No.: <u>SM1.1-1</u> | |
| Welder ID: John Walsh | |
| NDT Performed: Visual | Vacuum Box Dye Penetrant |
| Rework Required: ν/μ | |
| Repair Acceptable: John Zuhell | Date Accepted: 4-2-9 |
| Coating Repair | |
| Coating Type: <u>Epoxy</u> | |
| Surface Preparation: Primer Coat: | |
| NDT Performed: Visual: | DFT: Average DFT: 8-15 mil |
| Rework Required: N/A | |
| Repair Acceptable: John Fishell | Date Accepted: 4-3-99 |

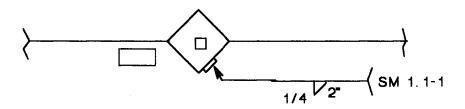


TYPE 9 REPAIR

| MID ATLANTIC ENVIRONMENTAL | | |
|--------------------------------------|------------------|--|
| EMERGENCY REPAIRS FOR RED HILL TANKS | | |
| Tank #7 RECOMMENDE | D REPAIR DRAWING | |
| Repair No.: 026 | File:7R026 | |
| CYLINDER | Quadrant: D | |
| Course: 13 | Plate: 21 | |
| Drawn by: Tom Kitchen | Date: 5/4/98 | |

Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

| Tank No.: 7 Repair No.: 026 Type: 9 Location: D21-13 |
|--|
| Pinhole indication in Whitweld - Grind out defect, weld repair, and perform P.T. |
| S PT |
| Sketch of Repair Area |
| Weld Repair |
| WPS No.: <u>SM1.1-1</u> |
| Welder ID:John Walsh |
| NDT Performed: Visual Vacuum Box Dye Penetrant |
| Rework Required: N/A |
| Repair Acceptable: Date Accepted: 4-2-98 |
| Coating Repair |
| Coating Type: Epoxy |
| Surface Preparation: Primer Coat: Intermediate Coat: Final Coat: |
| NDT Performed: Visual: V DFT: Average DFT: 8-15 m/g |
| Rework Required: |
| Repair Acceptable: Date Accepted: 4-3-98 |

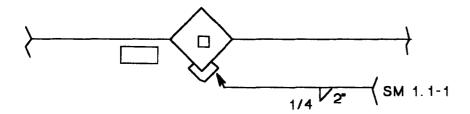


TYPE 10 REPAIR

| MID ATLANTIC ENVIRONMENTAL | | |
|--------------------------------------|--|--|
| EMERGENCY REPAIRS FOR RED HILL TANKS | | |
| Tank #7 RECOMMENDED REPAIR DRAWINGS | | |
| File:7R027 | | |
| Quadrant: D | | |
| Plater 21 | | |
| Date: 5/4/98 | | |
| | | |

Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

| Tank No.: 7 Repair No.: 027 Type: 10 Location: D21-13 |
|---|
| Pinhole indication in fillet weld - Grind out defect, weld repair, and perform P.T. |
| <u> </u> |
| Ti" PT |
| Sketch of Repair Area |
| Weld Repair |
| WPS No.: <u>SM1.1-1</u> |
| Welder ID: John Walsh |
| NDT Performed: Visual Vacuum Box Dye Penetrant |
| Rework Required: U/A |
| Repair Acceptable: July Statell Date Accepted: 4-2-98 |
| Coating Repair |
| Coating Type: Epoxy |
| Surface Preparation: Primer Coat: Intermediate Coat: Final Coat: |
| NDT Performed: - Visual: DFT: Average DFT: _8 15 mil |
| Rework Required: VA |
| Repair Acceptable: |

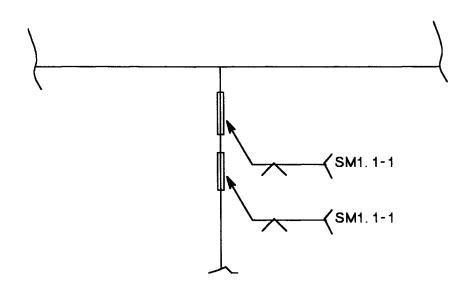


| MID ATLANTIC ENVIRONMENTAL | | |
|--------------------------------------|-------------------|--|
| EMERGENCY REPAIRS FOR RED HILL TANKS | | |
| Tank #7 RECOMMENDE | D REPAIR DRAWINGS | |
| Repair No. : 028 | File:7R028 | |
| CYLINDER | Quadrant: D | |
| Course: 16 | Plate: 21 | |
| Drawn by: Tom Kitchen | Date: 5/4/98 | |

Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

| Tank No.: 7 Repair No.: 028 Type: 10 Location: D21-16 |
|--|
| Gracik indication in fillet weld - Grind out defect, weld repair, and perform P.T. |
| 5 PT |
| Sketch of Repair Area |
| Weld Repair |
| WPS No.: <u>SM1.1-1</u> |
| Welder ID: John Walsh |
| NDT Performed: Visual Vacuum Box Dye Penetrant |
| Rework Required: N/A |
| Repair Acceptable: Date Accepted: 4-2-7 |
| Coating Repair |
| Coating Type: Epoxy |
| Surface Preparation: Primer Coat: Intermediate Coat: Final Coat: |
| NDT Performed: Visual: DFT: Average DFT: M |
| Rework Required: N/A |
| Renair Accentable: Que Park 100 Date Accented: 4:3-56 |

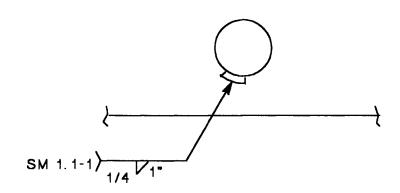
Inspected 3/27/98 by JF & TK



| MID ATLANTIC EN | /IRONMENTAL |
|-----------------------|-------------------|
| EMERGENCY REPAIRS F | OR RED HILL TANKS |
| Tank #7 RECOMMENDE | D REPAIR DRAWING |
| Repair No.: 029 | File:7R029 |
| CYLINDER | Quadrant: D |
| Course: 14 | Plater 22 |
| Drawn by: Tom Kitchen | Date: 5/4/98 |

Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

| Tank No.: 7 Repair No.: 029 Type: 90 Location: C 14-22 |
|--|
| Pinhole indication in but weld - Grind out defect, weld repair, and perform P.T. |
| S PT |
| Sketch of Repair Area |
| Weld Repair |
| WPS No.: <u>SM1.1-1</u> |
| Welder ID: John Walsh - |
| NDT Performed: Visual |
| Rework Required: U/A |
| Repair Acceptable: John Such Lell Date Accepted: 4-2-98 |
| Coating Repair |
| Coating Type: Epoxy |
| Surface Preparation: Primer Coat: Final Coat: Final Coat: |
| NDT Performed: Visual: DFT: Average DFT: 8^/5 m./ |
| Rework Required: V/A |
| Repair Acceptable: Only Mark Date Accepted: 4-3-99 |



| MID ATLANTIC EN | /IRONMENTAL |
|-----------------------|-------------------|
| EMERGENCY REPAIRS F | OR RED HILL TANKS |
| Tank #7 RECOMMENDE | D REPAIR DRAWING |
| Repair No. : 030 | File:7R030 |
| cylinder | Quadrant: C |
| Course: 25 | Plate: 15 |
| Drawn by: Tom Kitchen | Date: 5/4/98 |

Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

| Tank No.: 7 Repair No.: 029 Type: 90 Location: C 14-22 |
|---|
| Pinhole indication in but weld - Grind out defect, weld repair, and perform P.T. |
| S PT |
| Sketch of Repair Area |
| Weld Repair |
| WPS No.: SM1.1-1 |
| Welder ID: John Walsh |
| NDT Performed: Visual Vacuum Box Dye Penetrant |
| Rework Required: ν/μ |
| Repair Acceptable: Date Accepted: 4-2 |
| Coating Repair |
| Coating Type: Epoxy |
| Surface Preparation: Primer Coat: Intermediate Coat: Final Coat: |
| NDT Performed: Visual: V DFT: Average DFT: 8-15 |
| Rework Required: V/A Repair Acceptable: Date Accepted: 4-3-9 |
| Repair Acceptable: (1272 Date Accepted: 4-3-9 |

Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

| Tank No.: 7 Repair No.: 030 Type: 10 Location: C15 - 25 |
|--|
| Pinhole indication in fillet weld - Grind out defect, weld repair, and perform P.T. |
| Pr div |
| |
| Sketch of Repair Area |
| Weld Repair |
| WPS No.: <u>SM1.1-1</u> |
| Welder ID: John Walsh |
| NDT Performed: Visual Vacuum Box Dye Penetrant |
| Rework Required: ν/ρ |
| Repair Acceptable: Date Accepted: 4-2-98 |
| Coating Repair |
| Coating Type: Epoxy |
| Surface Preparation: Primer Coat: Intermediate Coat: Final Coat: |
| NDT Performed: Visual: |
| Rework Required: ν |
| Repair Acceptable: Volume Tradelle Date Accepted: 43-98 |