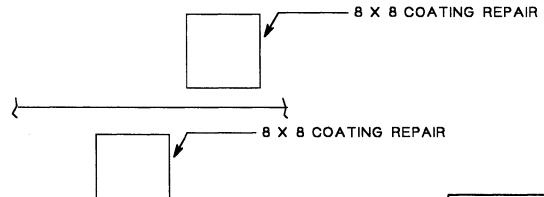
Inspected 3/27/98 by JF & TK



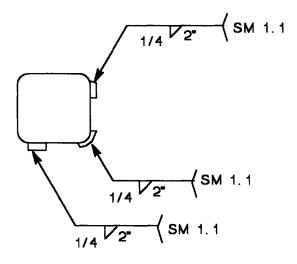
TYPE 8 REPAIR

MID ATLANTIC EN	VIRONMENTAL
EMERGENCY REPAIRS	FOR RED HILL TANKS
Tank #7 RECOMMEND	ED REPAIR DRAWING
Repair No. : 031	File:7R031
cylinder	Quadrant: C
Course: 24	Plate: 15
Drawn by Tom Kitche	en 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.: 031	Туре:	Location: C15 - 24
		ISOC A FALL	ITED COATING
· 5—	\$x8"	8*25	
		of Repair Area	
Weld Repair N/A			
WPS No.:			
Welder ID:			
NDT Performed:			Dye Penetrant
-	· · · · · · · · · · · · · · · · · · ·		Date Accepted:
Coating Repair			
Coating Type: <u>Ep</u>	exy_		
•	· ·	Intermediate Cos	at: V Final Coat:
			Average DFT: 8-15
Rework Required:			•
Renair Acceptable:	21.01		Date Accepted: 4-3-9

INSPECTED 3/27/98 BY JF & TK



TYPE 10 REPAIR

		
MID ATLANTIC ENVIRONMENTAL		
EMERGENCY REPAIRS FOR RED HILL TANKS		
Tank #7 RECOMMENDED REPAIR DRAWINGS		
Repair No.: 032	File:7r032	
CYLINDER	Quadrant: C	
Course: 28	Plate: 18	
Drawn by: Tom Kitchen	Date: 5/4/98	

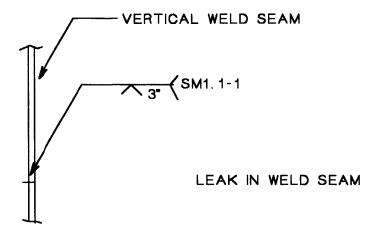
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

Repair Record

Tank No.: 7 Repair No.: 032 Type: 10 Location: C18 - 28
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:
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: 8-15 m/s
Rework Required: V/A

Date Accepted: 4-3-98

Repair Acceptable: John Saylull

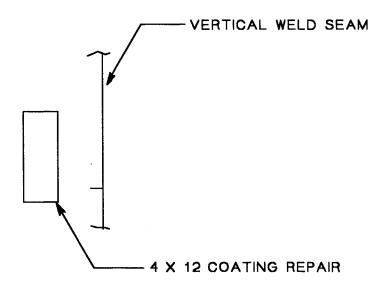


TYPE 10 REPAIR

MID ATLANTIC ENVIRONMENTAL		
EMERGENCY REPAIRS FOR RED HILL TANKS		
Tank #7 RECOMMENDED REPAIR DRAWING		
Repair No. : 033	File:7R033	
Lower Dome	Quadrant: D	
Course: 3	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.: 033 Type: 9 Location: D21-3
Pinhole indication in but 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: V/A
Repair Acceptable: John Will Date Accepted: 4-2-98
Coating Repair
Coating Type: Epoxy
Surface Preparation: Primer Coat: Intermediate Coat: Final Coat:
NDT Performed: Visual: DFT: Average DFT: & 15 m, le
Rework Required:
Repair Acceptable: Date Accepted: 4-3-98



TYPE 8 REPAIR

MID ATLANTIC EN	VIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS		
Tank #7 RECOMMENDE	D REPAIR DRAWING	
Repair No.: 034	File:7R034	
Lower Dome	Quadrant: C	
Course: 3	Plate: 17	
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

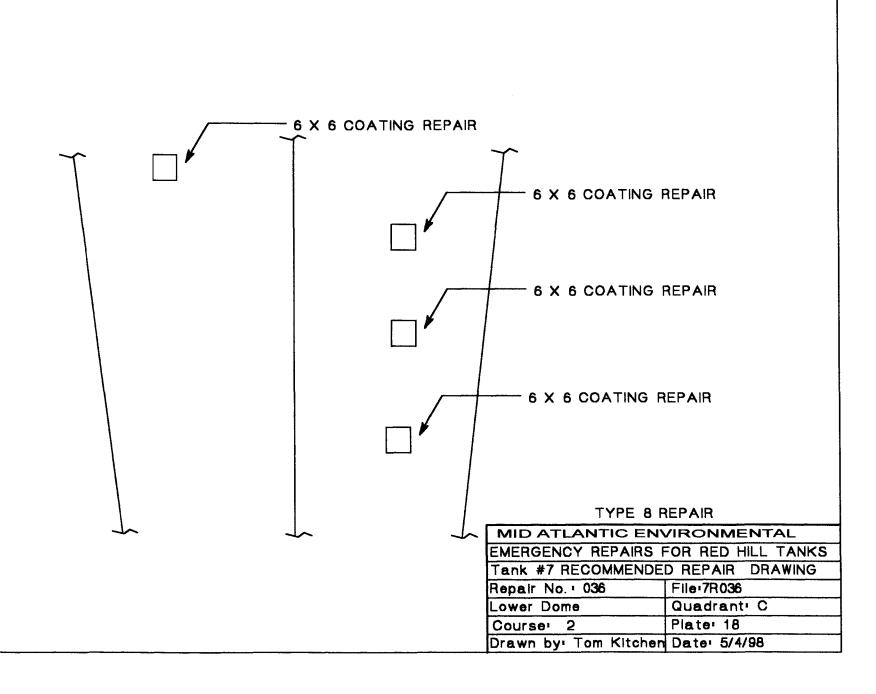
Tank No.:	Repair No.: 034 Type: 8 Location: C17-3
	TSOCKTED COATING FAILURG
<u> </u>	Sketch of Repair Area
Weld Repair W/N	

weid Repair D/A			
WPS No.:			
Welder ID:			
NDT Performed:	Visual	Vacuum Box	Dye Penetrant
Rework Required:		 	
Repair Acceptable:		·	Date Accepted:
Coating Repair			
Coating Type: EPCXY			
Surface Preparation:			
NDT Performed:	Visual:	DFT:	Average DFT: 875ml
Rework Required: U/19			78.70°
Repair Acceptable:	Zadrell		Date Accepted: 4-3-98

Inspected 3/27/98 by JF & TK 8 X 12 COATING REPAIR TYPE 8 REPAIR MID ATLANTIC ENVIRONMENTAL EMERGENCY REPAIRS FOR RED HILL TANKS Tank #7 RECOMMENDED REPAIR DRAWING File:7R035 Repair No.: 035 Quadrant: C Lower Dome Plate: 16 Course: 3 Drawn by: Tom Kitchen Date: 5/4/98

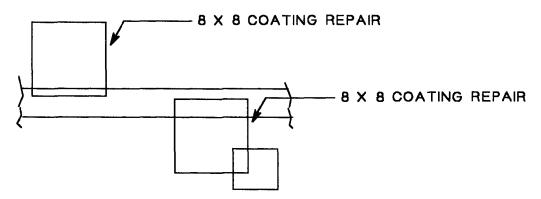
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

Tank No.: 7 Repair No.: 035 Type: 8 Location: C16 - 3
TSOLATED COATING FAILURE 8'x12"
Sketch of Repair Area
Weld Repair N/A
WPS No.:
Welder ID:
NDT Performed: Visual Vacuum Box Dye Penetrant
Rework Required:
Repair Acceptable: Date Accepted:
Coating Repair
Coating Type: EPOXY
Surface Preparation: Primer Coat: Intermediate Coat: Final Coat:
NDT Performed: Visual:
Rework Required: ν/μ
Repair Acceptable: Date Accepted: 4-3-98



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

Tank No.: 7 Repair No.: 036 Type: 8 Location: C18 - 2
Grb Grb ISOLATED COATIONS FAILURG
Sketch of Repair Area
Weld Repair N/A
WPS No.:
Welder ID:
NDT Performed: Visual Vacuum Box Dye Penetrant
Rework Required:
Repair Acceptable: Date Accepted:
Coating Repair Coating Type: Foxy
Surface Preparation: Primer Coat: Intermediate Coat: Final Coat:
NDT Performed: Visual:
Rework Required: U/A
Repair Acceptable: Date Accepted: 4-3-98



TYPE 8 REPAIR

/IRONMENTAL		
EMERGENCY REPAIRS FOR RED HILL TANKS		
D REPAIR DRAWING		
File:7R037		
Quadrant [*] C		
Plate: 15		
Date: 5/4/98		

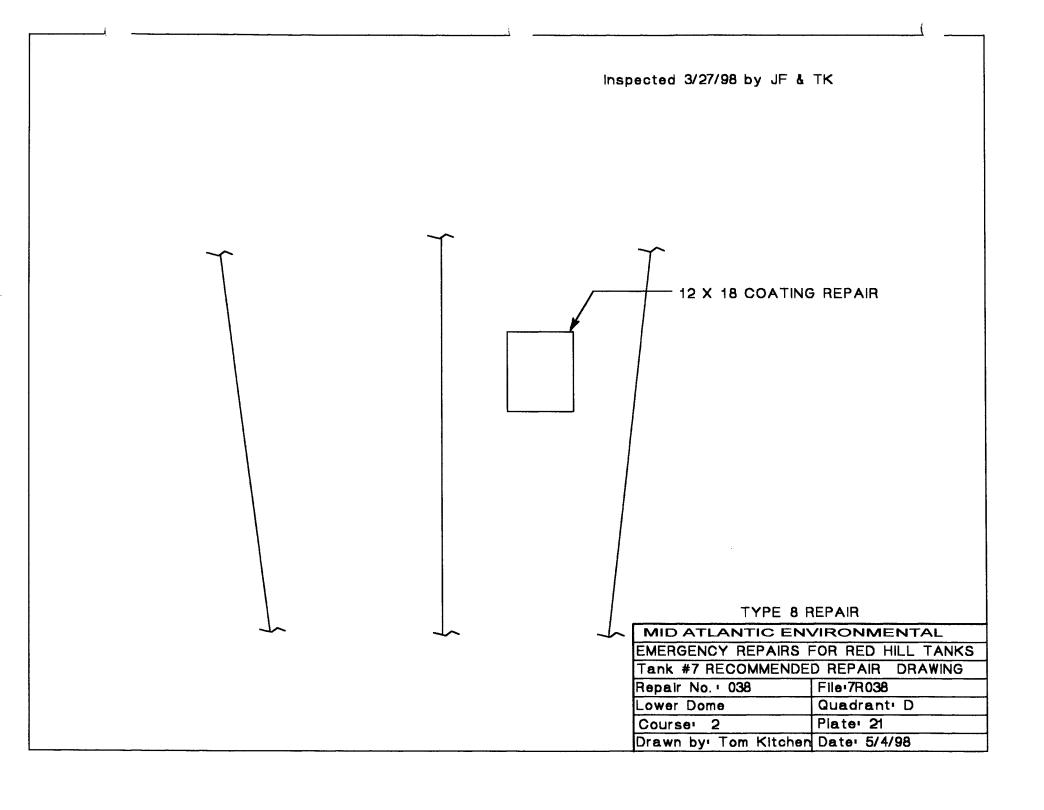
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

Repair Record

Tank No.: 7 Repair No.: 037 Type: 8 Location	on: C15 - 2
TSOLATED COATING FAILURE	

Sketch of Repair Area

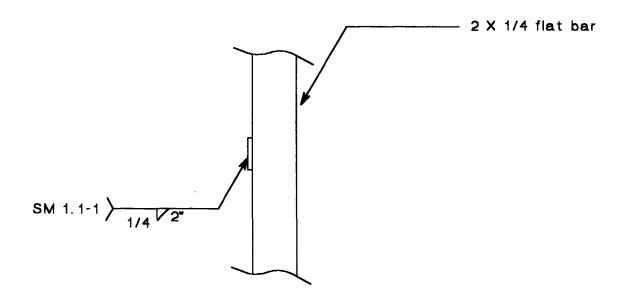
	<u> </u>	Copan Arca	
Weld Repair N/A			
WPS No.:			
Welder ID:			
NDT Performed:	Visual	Vacuum Box	Dye Penetrant
Rework Required:	· · · · · · · · · · · · · · · · · · ·		
Repair Acceptable:		-	Date Accepted:
Coating Repair			
Coating Type: <u>EPOXY</u>			
Surface Preparation: Pr	rimer Coat:	Intermediate Coat:	✓ Final Coat: ✓
NDT Performed: V	isual:	DFT:	Average DFT: 15-22 m./s
Rework Required: V/A			•
Repair Acceptable:	Zadull		Date Accepted: 4-3-98



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.: 038 Type: 8 Location: D21 - 2
TSOLATED COATING FAILURG 12" X 18"0
Sketch of Repair Area
Weld Repair W/A
WPS No.:
Welder ID:
NDT Performed: Visual Vacuum Box Dye Penetrant
Rework Required:
Repair Acceptable: Date Accepted:
Coating Repair
Coating Type: EFOXY
Surface Preparation: Primer Coat: Intermediate Coat: Final Coat:
NDT Performed: Visual: DFT: Average DFT: Average DFT:
Rework Required:
Repair Acceptable: Date Accepted: 4-3-98



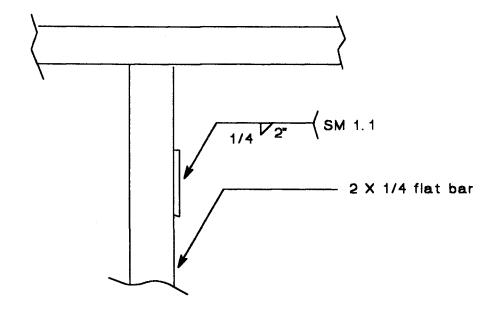
TYPE 10 REPAIR

MID ATLANTIC ENVIRONMENTAL		
EMERGENCY REPAIRS FOR RED HILL TANKS		
Tank #7 RECOMMENDE	D REPAIR DRAWINGS	
Repair No.: 039	File:7R039	
Upper Dome	Quadranti A	
Course B	Plate: 3	
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.: <u>039</u> T	ype: <u>[O</u>	Locat	ion: <u>A3</u> ~	В
1/2 1/2				eation in fillet v fect, weld repa P.T.	1
	Sketch of R	epair Area			
Weld Repair					
WPS No.: SM 1.1-1	-				
Welder ID: John Wals	4				
NDT Performed:	Visual	Vacuum Bo	ox	Dye Penetra	int
Rework Required: V/A			, 10-11-11-11-11-11-11-11-11-11-11-11-11-1		· · · · · · · · · · · · · · · · · · ·
Repair Acceptable:	Edul			Date Accepted	i: <u>4-15</u> -98
Coating Repair					
Coating Type: Epoxy	No. 40 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	_			
Surface Preparation: P	rimer Coat:	Intermediat	te Coat:	Final Coa	t:
NDT Performed:	/isual:	DFT:V		Average DFT	: <u>8-15</u> mile
Rework Required: $\sqrt{\frac{1}{2}}$					
Repair Acceptable:	Earline DD			Date Accepted	4-17-98

INSPECTED 3/29/98 BY JF & TK



TYPE 10 REPAIR

MID ATLANTIC ENVIRONMENTAL		
EMERGENCY REPAIRS FOR RED HILL TANKS		
Tank #7 RECOMMENDED REPAIR DRAWINGS		
Repair No. : 040	File:7r040	
Upper Dome	Quadrant: A	
Course: B	Plate: 9	
Drawn by Tom Kitchen	Date: 5/4/98	

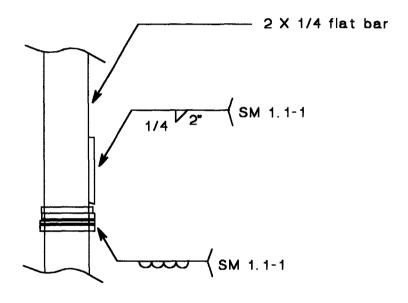
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

Repair Record

Tank No.: 7 Repair No.: 040 Type: 10 Location; B9-A
Pinhole indication in fillet weld - Grind out defect, weld repair, and perform P.T.
不 2" 业
Sketch of Repair Area
Weld Repair
WPS No.: SM [, 1 -]
Welder ID: John Walsh
NDT Performed: Visual Vacuum Box Dye Penetrant
Rework Required: NA
Repair Acceptable: Date Accepted: 4.15.98
Coating Repair
Coating Type: Epocy
Surface Preparation: Primer Coat: Intermediate Coat: Final Coat:
NDT Performed: Visual:

Date Accepted: 4-17-98

Rework Required: V/A



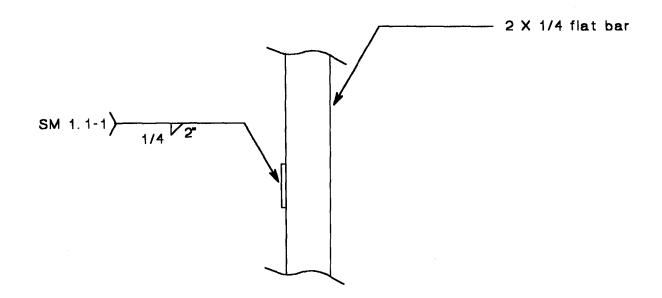
TYPE 10 REPAIR

MID ATLANTIC ENVIRONMENTAL		
EMERGENCY REPAIRS FOR RED HILL TANKS		
Tank #7 RECOMMENDE	D REPAIR DRAWINGS	
Repair No. • 041	File:7r041	
Upper Dome	Quadrant: a	
Course: 7	Plater 2	
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.: 041	Type: 10 Location: A2 ~ A
	7	Pinhole indication in fillet weld - Grind out defect, weld repair, and perform P.T.
	E Se	Vi Pr
	Sketch o	of Repair Area
Weld Repair		
WPS No.: SM	1.1-1	

;h			
Visual	Vacuum Box	Dye Penetrant	
	44		
ashell_		Date Accepted: 4-15-	-98
ual: D	OFT:	Average DFT: 8-15	mils
Zadrell	_	Date Accepted: 4-17-	98
	visual	Visual Vacuum Box Part Coat: Intermediate Coat: DFT:	Date Accepted: 4-15- Date Coat: Intermediate Coat: Final Coat: DFT: Average DFT: S-15



TYPE 10 REPAIR

MID ATLANTIC EN	VIRONMENTAL
EMERGENCY REPAIRS F	OR RED HILL TANKS
Tank #7 RECOMMENDE	D REPAIR DRAWINGS
Repair No. + 042	File:7R042
Upper Dome	Quadrant: A
Course: A Plate: 3	
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.: Rep	air No.: 042 Type: 1	O Location: A3-A
R TIVE 2" L		Pinhole indication in fillet weld - Grind out defect, weld repair, and perform P.T.
	Sketch of Repair Are	<u>ea</u>
Weld Repair		
WPS No.: SM 1,1-1		
Welder ID: John W	<u>ds</u> h	
NDT Performed:	Visual Vacuur	n Box Dye Penetrant
Rework Required: N/A		
Repair Acceptable:	Zahell	Date Accepted: 4-15-98

Coating Repair

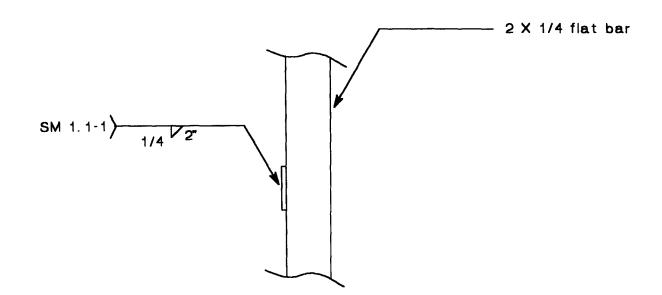
Coating Type: EPOXY

Surface Preparation: ______ Primer Coat: ______ Intermediate Coat: ______ Final Coat: ______

NDT Performed: Visual: _____ DFT: _____ Average DFT: _8 _ 15 m, 15

Rework Required: $\frac{V/A}{A}$

Repair Acceptable: Date Accepted: 4-17.98



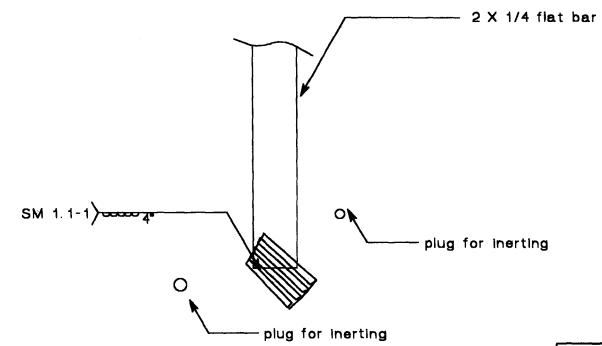
TYPE 10 REPAIR

MID ATLANTIC EN	VIRONMENTAL	
EMERGENCY REPAIRS F	OR RED HILL TANKS	
Tank #7 RECOMMENDED REPAIR DRAWINGS		
Repair No.: 043	File:7R043	
Upper Dome	Quadrant: A	
Course A	Plate: 3	
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.: <u>043</u>	Туре:	Location: A3-A
R + V 7 12" +		Grin	nole indication in fillet weld - ad out defect, weld repair, perform P.T.
	Sketch o	of Repair Area	,

Weld Repair	
WPS No.: SM 1. 1-1	
Welder ID: John Walsh	
NDT Performed: Visual	Vacuum Box Dye Penetrant
Rework Required: b/a	
Repair Acceptable:	Date Accepted: <u>4-15</u> . 98
Coating Repair	
Coating Type: EPOXY	
Surface Preparation: Primer Coat:	Intermediate Coat: Final Coat:
NDT Performed: Visual:	DFT: Average DFT: 8-15 mils
Rework Required: $\frac{\mathcal{O}/\mathcal{A}}{\mathcal{A}}$	<u>_</u>
Repair Acceptable:	Date Accepted: 4.17-98

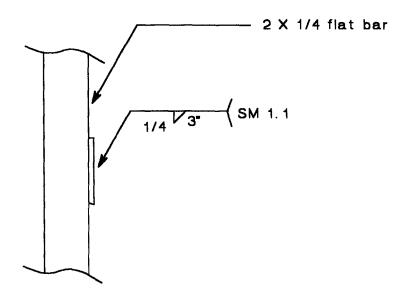


TYPE 16 REPAIR

MID ATLANTIC EN	VIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS		
Tank #7 RECOMMENDE	D REPAIR DRAWINGS	
Repair No.: 044	File:7R044	
Upper Dome	Quadrant: A	
Course: A	Plate: 3	
Drawn by Tom Kitcher	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.: 044 Type: 10 Location: A3-A
Pinhole indication in fillet weld - Grind out defect, weld repair, and perform P.T. WINGRT, PLUE
Sketch of Repair Area
Weld Repair
WPS No.: SM[.1-1
Welder ID: John Walsh
NDT Performed: Visual Vacuum Box Dye Penetrant V
Rework Required: ν/ρ
Repair Acceptable:
Coating Repair
Coating Type: EPOXY
Surface Preparation: Primer Coat: Intermediate Coat: Final Coat:
NDT Performed: Visual:
Rework Required: N/A
Repair Acceptable: Date Accepted: 4-17-98



TYPE 10 REPAIR

MID ATLANTIC ENVIRONMENTAL		
EMERGENCY REPAIRS FOR RED HILL TANKS		
Tank #7 RECOMMENDED REPAIR DRAWINGS		
Repair No. + 045	File:7r045	
Upper Dome	Quadrant: A	
Course A	Plate: 4	
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.: 045 Type: 10 Location: A 4 - A
Pinhole indication in fillet weld - Grind out defect, weld repair, and perform P.T.
Sketch of Repair Area
Weld Repair
WPS No.: SM 1.1-1
Welder ID: John Walsh
NDT Performed: Visual Vacuum Box Dye Penetrant
Rework Required: N/A
Repair Acceptable: Date Accepted: 4-15-98
Coating Repair
Coating Type: POKY
Surface Preparation: Primer Coat: Intermediate Coat: Final Coat:
NDT Performed: Visual: V DFT: V Average DFT: 8-15 m./3
Rework Required: D/A
Repair Acceptable: Date Accepted: 4-17-98