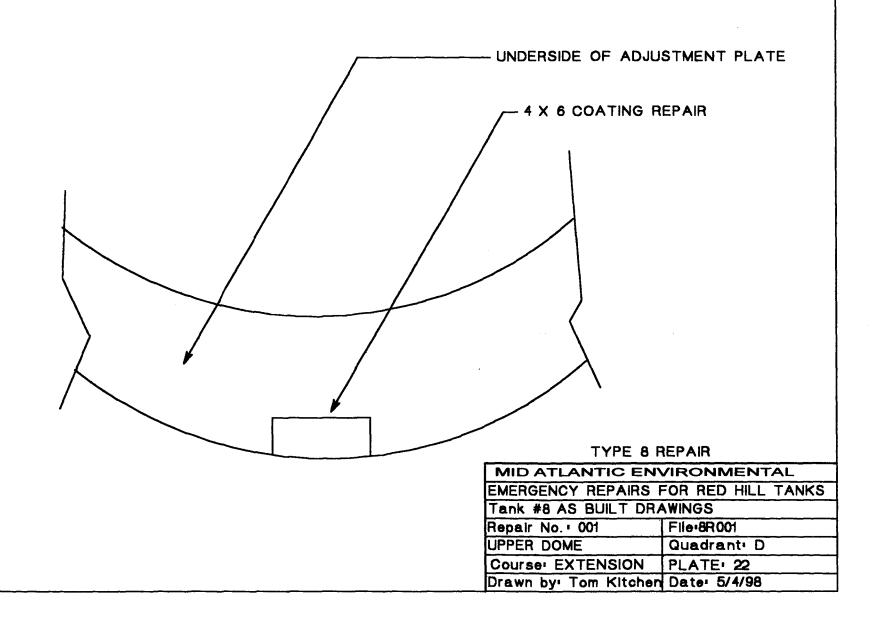
Section 9 RECOMMENDED REPAIRS

TANK #8										
Repair#	TYPE	Actual	Coated Areas	Plate size	Weld Lgth	Location	Quadrant	Course	Plate	
		Repair	Square Inches	Inches	Inches					
1		8	25			Upper Dome	D	EXT	22	previously ground
2		8	40			Upper Dome	C	EXT	14	previously ground
3		8	60			Cylinder	D	19	21	
4		8	1550			Lower Dome	D	2	18	
5		8	1550			Lower Dome	D	2	18	
6		8	1550	I		Lower Dome		2	18	
7		8	1550			Lower Dome	С	2	14	
8		8	1550			Lower Dome	С	2	13	
9		8	100			Upper Dome		EXT	11	
10	previous	repair				Cylinder	С	11	14	UT only
11		8	100			Cylinder	Α	8	2	
12		9	40		1	Cylinder	В	17	9	
13		8	40			Lower Dome	В	3	11	
14		8	70			Lower Dome	В	3	10	
15		8	70			Lower Dome	В	3	10	-
. 16		8	40			Lower Dome	В	3	9	
17		8	50			Lower Dome	В	3	8	
18		8	60			Lower Dome	В	2	10	
19		8	1550			Lower Dome	1	2	11	
20		8	1550			Lower Dome	В	2	11	
21		8	120			Lower Dome	1 .	2	2	
22		10			6	Lower Dome	В	1	12	

NOTE AREA EAS FOUND TO BE GROUND TO BARE METAL



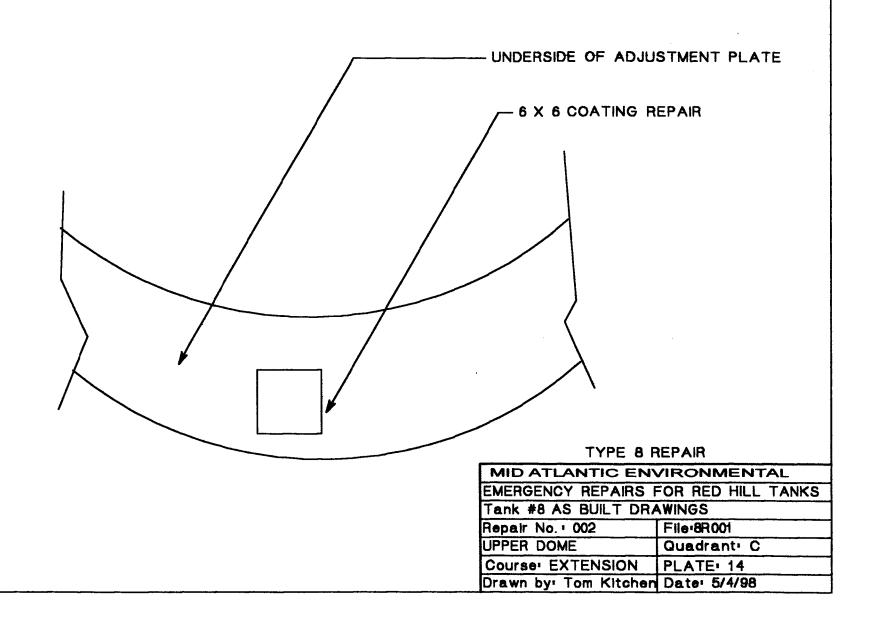
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

Repair Record

ADD

Tank No.: 8 Repair No.: OO Type: 8 Location: D
UNDERSIDE OF TOP ADJ. PLATE
TYPE 8 AXEN WAS FOUND GROUND TO BALL METAL
Sketch of Repair Area
Weld Repair W/K
WPS No.: <u>\$M1.1-1</u>
Welder ID:John Walsh
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: DFT: Average DFT: & mily
Rework Required:
Repair Acceptable: Date Accepted: 3-24-98

NOTE: AREA EAS FOUND TO BE GROUND TO BARE METAL

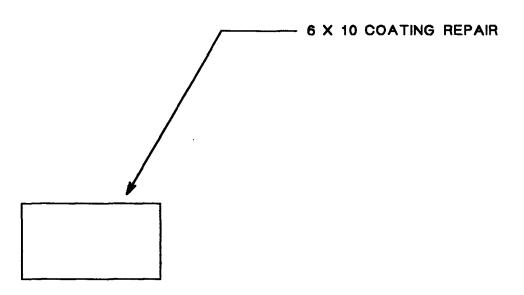


Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

Repair Record

Tank No.: 8 Repa	AUD ir No.: <u>002</u> Ty	уре: 8 Lo	ocation: C
1 / \	ANDERSIDE OF PLATE	TOP ADJU	STURENT
	G" 76"		
		NOTE: AREA	WAS FOUND
TYPE 8		CKOUDD 10 DF	420 V 00 V AC
	Sketch of Ro	epair Area	
Weld Repair N/A			
WPS No.: SM1.1-1			
Welder ID: John Walsh			
NDT Performed:	.	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:	DFT:	Average DFT: >8 mils
Rework Required: N/A		- 1	
Repair Acceptable:	Zachell	_	Date Accepted: <u>3-24-</u> 98

DEFECT INSPECTED BY TK & JF 3/20/98



MID ATLANTIC EN	VIRONMENTAL		
EMERGENCY REPAIRS F	OR RED HILL TANKS		
Tank #8 AS BUILT DRA	WING		
Repair No. + 003	File:8r003		
CYLINDER	Quadrant: D		
Course: 19	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

Repair Record

ADD Tank No.: 8 Repair No.: 003 Type: 8 Location: D
6×10°
TYPE 8
Sketch of Repair Area
Weld Repair W/A
WPS No.: <u>\$M1.1-1</u>
Welder ID:John Walsh
NDT Performed: Visual Vacuum Box Dye Penetrant
Rework Required:
Repair Acceptable: Date Accepted:
Coating Repair
Coating Type: Epoxy
Surface Preparation: V Primer Coat: V Final Coat: V Final Coat: V
NDT Performed: Visual: Visual: DFT: Average DFT: 28 m. ls
Rework Required: N/A
Repair Acceptable: Date Accepted: 3-24-98

DEFECT INSPECTED BY TK & JF 3/20/98 30 X 50 COATING REPAIR TYPE 8 REPAIR MID ATLANTIC ENVIRONMENTAL EMERGENCY REPAIRS FOR RED HILL TANKS Tank #8 AS BUILT DRAWING Repair No. 1 004 File:8r004 LOWER DOME PLATE: 18 Course: 2 Drawn by: Tom Kitchen Date: 5/4/98

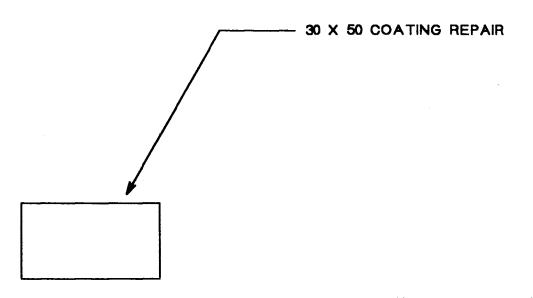
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

Repair Record

ADD

Tank No.: 8 Repair No.: 004 Type:	8 Location: D
REPAIR CONTING FAILLIECE CORROSION BLISTERS	PER T. KITCHEN
APPROXIMINICLY	
1 SQUARE MOTES	PLATE 18 COURSE 2 L.D.

Weld Repair N/A		
WPS No.:		
Welder ID:		
NDT Performed: Visu	al Vacuum Box	Dye Penetrant
Rework Required:		
Repair Acceptable:		Date Accepted:
Coating Repair		
Coating Type: Pox \(\begin{align*} \text{Primer Co} \\ \text{Primer Co} \end{align*}	pat: \ Intermediate Coat:	Final Coat:
NDT Performed: Visual:		
Rework Required:		÷
Repair Acceptable: John Zuh	ell	Date Accepted: 3-27-98



MID ATLANTIC EN	VIRONMENTAL			
EMERGENCY REPAIRS	FOR RED HILL TANKS			
Tank #8 AS BUILT DE	RAWING			
Repair No. : 005	File:8r005			
LOWER DOME Quadrant D				
Course: 2 PLATE: 18				
Drawn by Tom Kitche	n Date: 5/4/98			

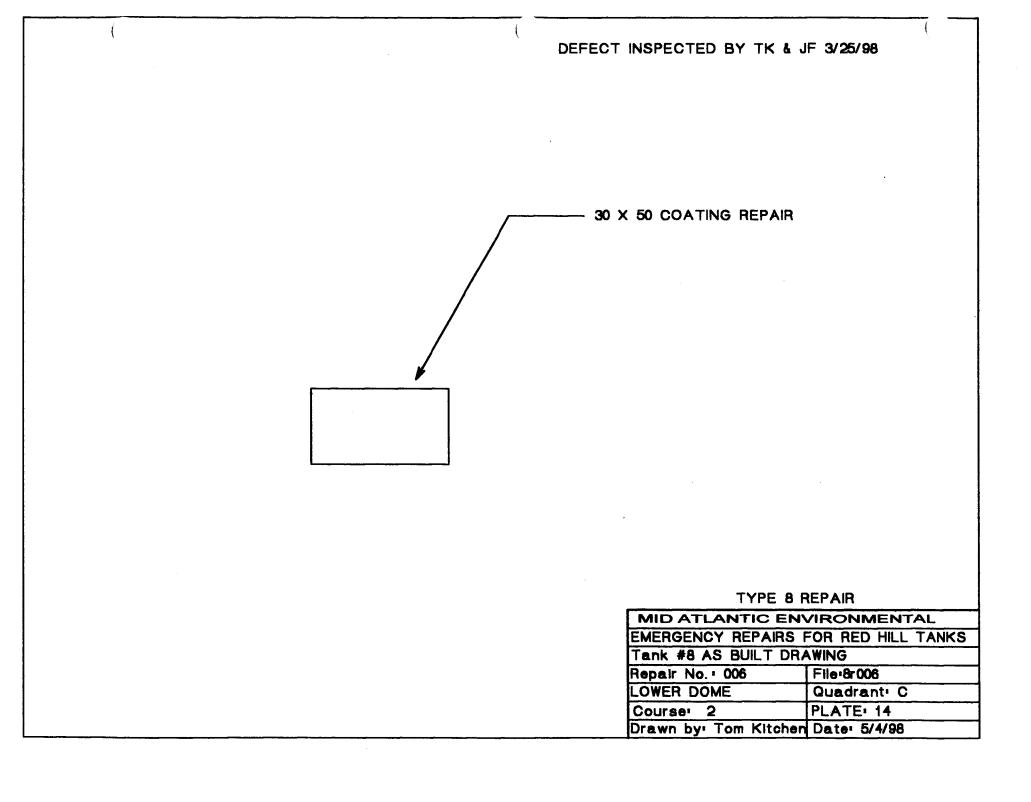
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

Repair Record

ADD

Tank No.: 8 Repair No.: 005 Type: 8	Location: D
REPAIR CONTING FAILURG PER CORROSION BUSTERS	. T. KITCHEN
APPROXIMINIELY I SQUARE METER	PLATE 18 COURSE 2 L.D.

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: <u> </u>			
Surface Preparation: Pri	mer Coat:	Intermediate Coat:	Final Coat:
NDT Performed: Vis	sual:	DFT:	Average DFT: 15mil -> 22 mil.
Rework Required: $\sqrt{\Lambda}$		· · · · · · · · · · · · · · · · · · ·	·
Repair Acceptable:	shell	_	Date Accepted: 3-27-98



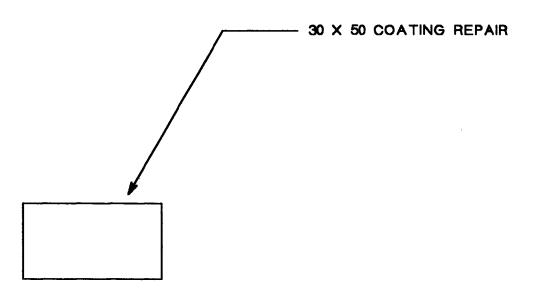
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

Repair Record

ADD

Tank No.: 8 Repair No.: 006 Type: 8	Location: D
• • • • • • • • • • • • • • • • • • • •	T. KITCHEW
CORROSION BLISGERS	
APPROXIMINIELY	PLATE 18
1 SQUARE MCIER	Course 2 L.D.

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: Pr	rimer Coat:	Intermediate Coat:	Final Coat:
NDT Performed: V	isual:	DFT:	Average DFT: 15mil> 22 ml.
Rework Required: ν/A			<i>;</i>
Repair Acceptable:	aghell		Date Accepted: 3-27-98



MID ATLANTIC EN	VIRONMENTAL
EMERGENCY REPAIRS	FOR RED HILL TANKS
Tank #8 AS BUILT DRA	AWING
Repair No. • 007	File:8r007
LOWER DOME	Quadrant: C
Course: 2	PLATE: 14
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

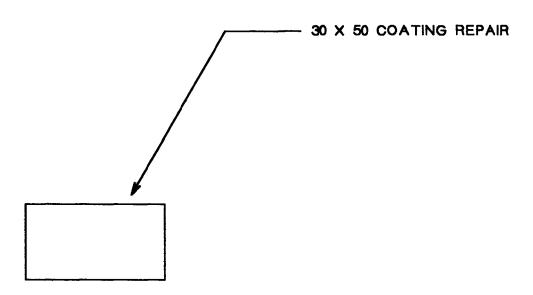
Repair Record

ADD

Tank No.: 8 Repair No.: 007 Type:	8 Location: D
REPAIR CONTING FAILURGE CORROSION BLISGERS	PER T. KITCHEW
APPROXIMATION	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
APPROXIMINIELY 1 SQUARE MOTER	PLATE 18 COURSE 2 L.D.

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: FOXT			
Surface Preparation: Prin	ner Coat:	Intermediate Coat:	✓ Final Coat: ✓
NDT Performed: Visu	nal:	DFT:	Average DFT: 15ml - 22ml
Rework Required: V/A Repair Acceptable:	0 00	: ————————————————————————————————————	
Repair Acceptable:	diell	_	Date Accepted: 3-27-98

DEFECT INSPECTED BY TK & JF 3/25/98



MID ATLANTIC ENVIRONMENTAL		
EMERGENCY REPAIRS FOR RED HILL TANKS		
Tank #8 AS BUILT DRAWING		
Repair No. : 008 File:8r008		
LOWER DOME Quadrant C		
Course: 2	PLATE: 13	
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

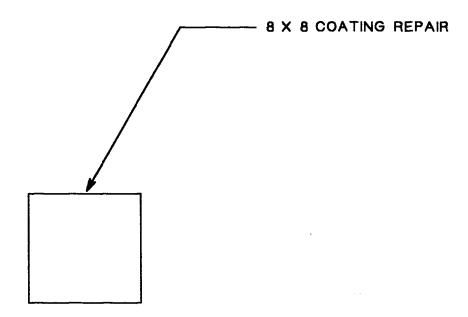
Repair Record

ADD

Tank No.: 8 Repair No.: 008 Type: 8	Location:
REPAIR CONTING FAILURE PE CORROSION BLISGERS	R. T. KITCHEN
APPROXIMATIONY 1 SQUARE MOTER	PLATE 13 L.D. COURSE 2

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: _EROXY			
Surface Preparation: Pri	mer Coat:	Intermediate Coat:	Final Coat:
NDT Performed: Vis	sual:	DFT:	Average DFT: 15ml -122mil
Rework Required: \(\bigcup \sqrt{\kappa} \)			•
Repair Acceptable:	achell		Date Accepted: 3-23-98

DEFECT INSPECTED BY TK & JF 3/16/98



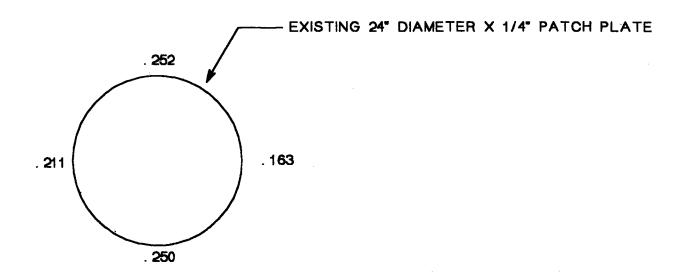
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #8 AS BUILT DRAWING			
• •	File:8r009		
UPPER DOME Quadrant: B			
Course EXTENSION	PLATE: 11		
Drawn by: Tom Kitchen	Date: 5/4/98		

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

Repair Record

Tank No.: 8 Repair No.: 00 9 Type: 8 Lo	cation: BII- EXT
8"x8"	
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: FOX Y	
Surface Preparation: Primer Coat: Intermediate Coat:	V Final Coat:
	Average DFT: 8 - 15 miles
Rework Required: V/A	
Repair Acceptable: Colin will	Date Accepted: 4-13-98

DEFECT INSPECTED BY TK & JF 3/20/98



UT READINGS AT EDGE OF PLATE INDICATE GOOD METAL NO REPAIR NECESSARY

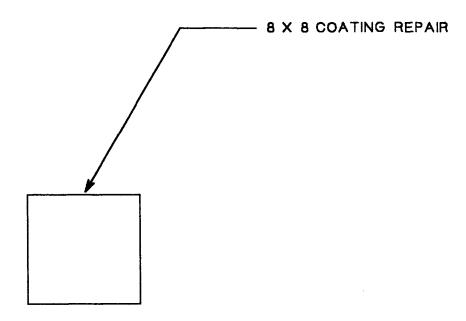
MID ATLANTIC ENVIRONMENTAL		
EMERGENCY REPAIRS FOR RED HILL TANKS		
Tank #8 AS BUILT DRAWING		
	File:8r010	
CYLINDER Quadrant: C		
Course: 11	PLATE: 14	
Drawn by: Tom Kitchen	Date: 5/4/98	

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

Repair Record

Tank No.: 8 Repair No.: 010 Type: N	//A Location: C
NO REPAIRS REQUIRED ut 252" PER T. Kotchen 5 3/25/98	PLATE H shell course 11
ut .211 (610 mm)	ut .163"
	ATE.

Weld Repair W/			
WPS No.:			
Welder ID:			
NDT Performed:	Visual	Vacuum Box	Dye Penetrant
Rework Required:	<u></u>		
Repair Acceptable:		·	Date Accepted:
Coating Repair W/A			
Coating Type:			
Surface Preparation:	_ Primer Coat:	Intermediate Coat:	Final Coat:
NDT Performed:	Visual:	DFT:	Average DFT:
Rework Required:	· · · · · · · · · · · · · · · · · · ·		•
Repair Acceptable:			Date Accepted:

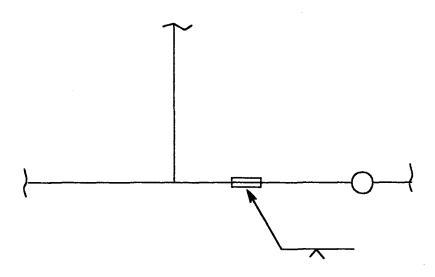


MID ATLANTIC ENVIRONMENTAL		
EMERGENCY REPAIRS FOR RED HILL TANKS		
Tank #8 RECOMMENDE	D REPAIR DRAWING	
Repair No. + 011	File:8r011	
LOWER DOME	Quadrant: A	
Course: 2	PLATE: 8	
Drawn by: Tom Kitchen	Date: 5/4/98	

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

Repair Record

Tank No.: 8 Repair No.: Oll Type: 8 Location: A2~O	8
COATING REPAI	R
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:	\checkmark
NDT Performed: Visual: DFT: Average DFT:	-15 mils
Rework Required: V/A	
Repair Acceptable: John Bull Date Accepted:	1-13-98



MID ATLANTIC ENVIRONMENTAL		
EMERGENCY REPAIR	S FOR RED HILL TANKS	
Tank #8 RECOMMENDED REPAIR DRAWING		
Repair No.: 012	File:8r012	
CYLINDER	Quadrant: B	
Course: 9	PLATE: 17	
Drawn by: Tom Kitch	nen Date: 5/4/98	

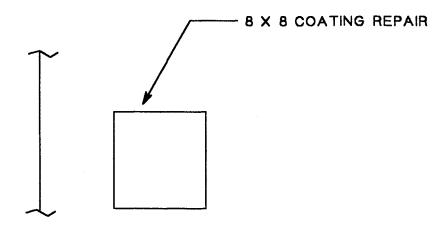
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center Contract No. N62742-96-C-1356

Repair Record

ADD

Tank No.: 8 Repair No.: 012 Type: 9 Location: B9-17
DEFECT IN BUTT WELD GRIND OUT DEFECT & RE WELD PT
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: V/A
Repair Acceptable: Date Accepted: 4-6-98
Coating Repair
Coating Type: EPOXY
Surface Preparation: Primer Coat: Intermediate Coat: Final Coat:
NDT Performed: Visual: DFT: DFT: Average DFT: 8-15 m.
Rework Required: U/A
Repair Acceptable: Qlas Zadinell Date Accepted: 4-13-98

DEFECT INSPECTED BY TK & JF 3/16/98



MID ATLANTIC ENVIRONMENTAL		
EMERGENCY REPAIRS FOR RED HILL TANKS		
Tank #8 RECOMMENDED REPAIR DRAWING		
Repair No.: 013	File:8r013	
LOWER DOME	Quadrant: B	
Course: 3	PLATE: 11	
Drawn by: Tom Kitchen	Date: 5/4/98	