

CORROSION TESTS ON FUEL OIL TANKS **REFERENCE BSP 635-461-901PT**

NAME OR ROUTE _____

BLOCK 1		
EARTH RESISTIVITY		
S	R	METER-OHMS
5'		
10'		
20'		

METER - OHMS = 1.92 SR
 WHERE S = ELECTRODE
 SPACING IN FEET.
 R = MUTUAL RESISTANCE
 IN OHMS

STATION _____

TANKS - NO. & SIZE _____

DATE INSTALLED _____

TYPE OF ANODES _____

DATE INSTALLED _____

DATE OF TESTS _____

TESTERS _____

JOB OR ESTIMATE _____

NOTES: SEE OTHER SIDE OF THIS FORM FOR
 TYPICAL ARRANGEMENTS OF ANODES
 AROUND TANKS.

- (1) APPLIES TO SINGLE TANK INSTALLATIONS.
 (2) APPLIES TO 2, 3 AND 4 TANK INSTALLATIONS.
 (3) APPLIES TO 3 AND 4 TANK INSTALLATIONS.
 (4) APPLIES TO 4 TANK INSTALLATIONS.

REMARKS _____

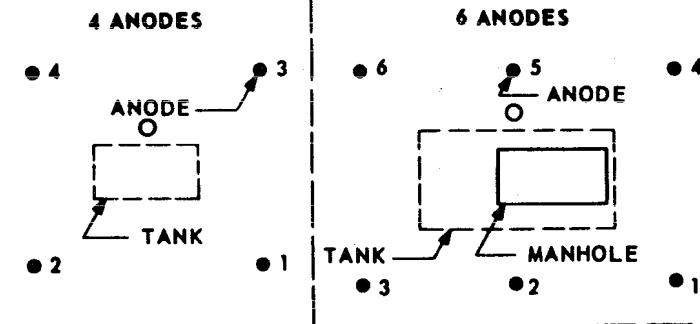
BLOCK 2

ANODE NUMBER		TESTS ON ANODES								TANK TO SOIL POTENTIAL	
AS INDICATED IN TYPICAL ARRANGEMENT SHOWN ON REVERSE SIDE OF THIS FORM	AS SHOWN ON FUEL TANK INSTALL. DWG. FOR STATION. DRAWING WA _____	OPEN CIRCUIT ANODE TO TANK	ANODE CURRENTS IN MILLIAMPERES WITH SERIES RESISTANCE OF -OHMS				SERIES RESIS- TANCE ADDED IN OHMS	FINAL ANODE CURR- ENTS M.A.	APPROX. EDGE OR CORNER OF TANK OPPOSITE ANODE	APPROX. OVER ANODE LOCATION	
		VOLTS	RESIST.	NONE	25	50	100				
1											
2											
3											
4											
5											
6									(1)	(2)	
7									(1)	(2)	
8											
9											
10									(1)	(3)	
11										(3)	
12											
13											
14										(4)	
15										(4)	
16											
17											
18											
19											
20											
SUM OF ANODE CURRENTS									MA		
MEASURED TOTAL ANODE CURRENTS									MA		
COMBINED ANODES TO TANK RESISTANCE									OHMS		

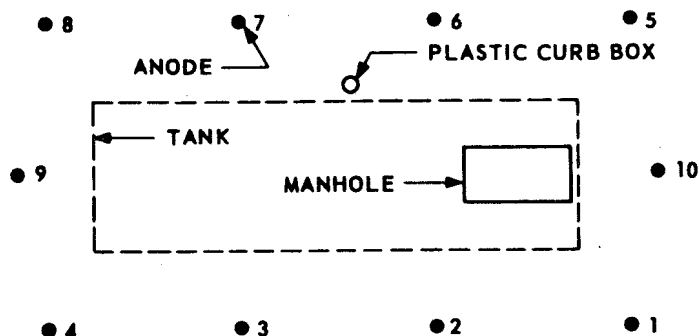
TANK TO SOIL POTENTIAL AT BOTTOM OF PLASTIC CURB BOX	TANK 1	TANK 2	TANK 3	TANK 4
RECTIFIER OFF				
FINAL READING AFTER ADJUSTMENTS - RECTIFIER ON				
SERIES RESISTOR, IF REQUIRED, ADDED IN POSITIVE RECTIFIER LEAD _____ OHMS.	FINAL RECTIFIER READINGS			
	VOLTS	CURRENT	AMPS.	

TYPICAL ARRANGEMENTS OF ANODES AND TANKS

SINGLE TANK INSTALLATIONS

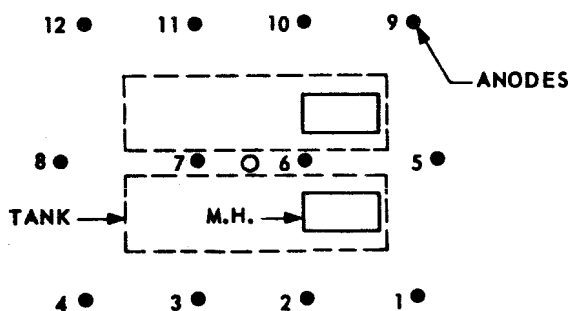


8 OR 10 ANODES

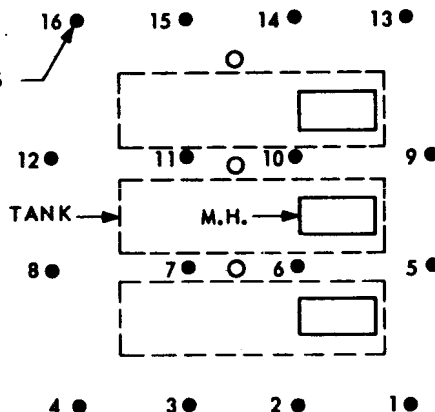


BLOCK 3			
TANK SIZE GALS.	DIMENSIONS		NO. OF ANODES
	APPROX. DIA.	APPROX. LGTH.	
120	2'2"	4'7"	4
300	3'1"	5'7"	4
550	3'1"	5'7"	6
1,000	4'3"	9'2"	6
2,000	5'4"	12'1"	6
3,000	5'4"	18'0"	6
4,000	5'4"	24'0"	8
5,000	6'0"	24'0"	8
7,500	8'0"	20'0"	8
8,000	8'0"	20'0"	8
10,000	8'0"	27'0"	10
12,000	9'0"	25'0"	10
15,000	9'0"	32'0"	10
10,000	8'	27'	10
	8'	32'	10
	9'	25'	10
	11'	17'	8
15,000	8'	40'	10
	9'	32'	10
	10'	26'	10
	11'	21'	10
20,000	11'	28'	10

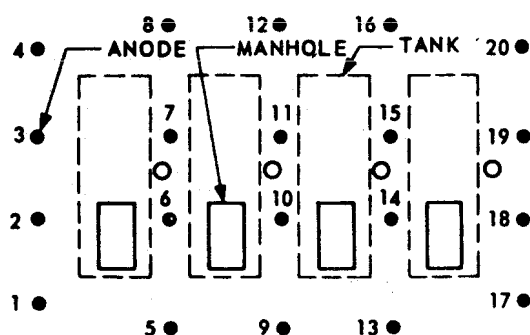
TWO TANK INSTALLATION



THREE TANK INSTALLATION



FOUR TANK INSTALLATION



○ PLASTIC CURB BOX, WHEN PROVIDED, CONSISTS OF NON-METALLIC PIPE WITH REMOVABLE HEAD 7 3/4" IN DIA. AT SURFACE OF GROUND AND AN OPEN BOTTOM 7' TO 8' DEEP ENDING WITH THE CENTER LINE OF TANK AND NEAR SIDE OF TANK. FOR TANK TO SOIL POTENTIAL MEASUREMENTS AT THE BOTTOM OF PIPE NEXT TO TANK.

NOTE: ANODE NUMBERING SYSTEM EMPLOYED BY ARCHITECTS HAS NOT BEEN UNIFORM. SEE FUEL TANK INSTALLATION DRAWING FOR STATION INVOLVED FOR ACTUAL NUMBERING.