		ITP No.:			
FIELD INSPECTION REPORT	•	Inspection Gr.			
		Report No.			
Quality Control Form		Date			
INSPECTION TYPE INSPECTION/TEST FOR CATHODIC SYSTEM		WORK No.			
		ITEM No.			
		LOCATION			
MMO GRID (TANK)		SIGNATURE			
INSPECTION NOTICE NO.:		COMPANY	CONTRACTOR	SUBCONTR	
DRAWING NO(S):		/ /	/ /	/ /	
ACCEPTANCE CRITERIA: AS PER VENDOR PROCEDURE					
Tested date:	Weather:		Temp.	°C	

INPECTION AND TEST REQUIREMENT	Unit	Acceptable Criteria	Measurement /Result Data	Remarks
A. SITE INSTALLATION CHECK FOR HDPE LINER				
1 Has HDPE Liner been installed	Yes/No	Required		
Before installation measure the Hydrant/Pipe Natural Potential w.r.t. Cu-CuSo4 Reference Electrode.	MV	-		
B. SITE INSTALLATION CHECK FOR SAND (Band Layer between HDPF	E Liner an	d Anode)		
1 Depth	mm	(+/-) 10 %		
2 Compaction	-	Required		
C. SITE INSTALLATION CHECK FOR MMO RIBBON ANODE				
1 Total Length of Ribbon Installed	m	See Note#1		
2 Total No.s of Ribbon rows	No.s	See Note#1		
3 Spacing between Ribbon to Ribbon	m	See Note#1		
4 Distance of Ribbon from Tank Wall	mm	25-75mm		
5 Depth of Ribbon from the Liner	mm	(+/-) 10 %		
6 Distance of Ribbon from Sump	mm	>150mm		
D. SITE INSTALLATION CHECK FOR CONDUCTOR BAR				
1 Total Length of Conductor Bar	m	See Note#1		
2 Total No. of Rows of Conductor Bar	No.s	See Note#1		
3 Spacing between the conductor Bars	m	See Note#2		
4 Is perpendicular center Conductor Bar in center point	-	Yes/No		
5 Spot Welder Voltage and Time Set for welding	Volts	Vendor spec		
6 Spot welder Time Set for welding	Sec.	Vendor spec		
Has continuity of at least 80% of the spot welds checked (Conductor to	Yes/No	<0.5 Ω		
Conductor and Conductor to Anode)	i es/ino	<0.3 \(\text{22} \)		
REMARKS: Note: 1. As per dwg. (Min.)	2. As p	er dwg. (Max.)		

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		ITEM No.			
		LOCATION			
MMO GRID (TANK)		SIGNATURE			
INSPECTION NOTICE NO.:		COMPANY	CONTRACTOR	SUBCONTR	
DRAWING NO(S):		/ /	/ /	/ /	
ACCEPTANCE CRITERIA: AS PER VENDOR PROCEDURE					
Tested date:	Weather:		Temp.	°C	

	INPECTION AND TEST REQUIREM	ENT	Unit	Acceptable Criteria	Measurement /Result Data	Remarks
A. S	SITE INSTALLATION CHECK FOR POWER FEED	S				
1	Length of Cable: P1/ Location		M	(+/-) 10%		
2	P2/Location		M	(+/-) 10%		
3	P3/ Location		M	(+/-) 10%		
4	P4/ Location		M	(+/-) 10%		
5	P5/ Location		M	(+/-) 10%		
6	Continuity of Power Feed Cable with Conductor Bar:	P 1	Ω	<0.5 Ω		
7		P 2	Ω	<0.5 Ω		
8		P 3	Ω	<0.5 Ω		
9		P 4	Ω	<0.5 Ω		
10		P 5	Ω	<0.5 Ω		
11	Continuity between individual Power Feed:	P 1 – P2	Ω	<0.5 Ω		
12		P 2 – P3	Ω	<0.5 Ω		
13		P 3 – P4	Ω	<0.5 Ω		
14		P 4 – P5	Ω	<0.5 Ω		
15		P 5 – P1	Ω	<0.5 Ω		
16	Spot Welder Voltage for welding power feeds.		Volts	Vendor spec		
17	Spot Welder Time Set for welding of power feeds.		Sec.	Vendor spec		
18	Has continuity of 100% of the spot welds checked		Ω	<0.5 Ω		
19	Has power feed connections been tagged		Yes/No	-		
RE	MARKS:		·			

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FIELD INSPECTION REPORT		Report No.			
		Date			
INSPECTION/TEST FOR CATHODIC SYSTEM		WORK No.			
		ITEM No.			
		LOCATION			
MMO GRID (TANK)		SIGNATURE			
INSPECTION NOTICE NO.:		COMPANY	CONTRACTOR	SUBCONTR	
DRAWING NO(S):		/ /	/ /	/ /	
ACCEPTANCE CRITERIA: AS PER VENDOR PROCEDURE					
Tested date:	Weather:		Temp.	°C	

	INPECTION AND TEST REQUIREMENT	Unit	Acceptable Criteria	Measurement /Result Data	Remarks
A. S	AND LAYER BETWEEN ANODE LEVEL AND REF. ELECTRODE I	LEVEL/ M	ONITORING P	IPE LEVEL	
1	Depth	mm	(+/-) 10%		
2	Compaction	-	Required		
B. S	ITE INSTALLATION CHECK FOR REFERENCE ELECTRODES				
1	Total No. of Reference Electrodes	-	See Note#1		
2	Has Reference Electrode wetted before installation	Yes/No	See Note#2		
3	Length of Reference Electrode R-1 / Location	M	(+/-) 10%		
4	Length of Reference Electrode R-2 / Location	M	(+/-) 10%		
5	Length of Reference Electrode R-3 / Location	M	(+/-) 10%		
6	Length of Reference Electrode R-4 / Location	M	(+/-) 10%		
7	Length of Reference Electrode R-5 / Location	M	(+/-) 10%		
8	Portable (Cu-CuSo4) Reference Cell Potential w.r.t. R-1 (Cu-CuSo4)	mV	(+/-)10%mV		
9	Portable (Cu-CuSo4) Reference Cell Potential w.r.t. R-1 (Zinc Ref.cell)	mV	>0900mV		
10	Portable (Cu-CuSo4) Reference Cell Potential w.r.t. R-2 (Cu-CuSo4)	mV	(+/-)10%mV		
11	Portable (Cu-CuSo4) Reference Cell Potential w.r.t. R-2 (Zinc Ref.cell)	mV	>0900mV		
12	Portable (Cu-CuSo4) Reference Cell Potential w.r.t. R-3 (Cu-CuSo4)	mV	(+/-)10%mV		
	Continued next sheet				
REN	MARKS: Note: 1. As per dwg. (Min.)	2. As p	er dwg. (Max.)		
1					

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FIELD INSPECTION REPORT		Report No.			
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INCRECTION/PECT FOR CATHORIC CV	CTEM	ITEM No.			
INSPECTION/TEST FOR CATHODIC SYSTEM MMO GRID (TANK)		LOCATION			
		SIGNATURE			
INSPECTION NOTICE NO.:		COMPANY	CONTRACTOR	SUBCONTR	
COMPANY'S INSPECTOR:		/ /	/ /	/ /	
CONTRACTOR'S INSPECTOR:					
SUBCON.'S INSPECTOR:					
DRAWING NO(S): ACCEPTANCE CRITERIA: AS PER VENDOR PROCEDURE					
Tested date:	Weather:		Temp.	°C	

	INPECTION AND TEST REQUIREMENT	Unit	Acceptable Criteria	Measurement /Result Data	Remarks
	front sheet continued				
13	Portable (Cu-CuSo4) Reference Cell Potential w.r.t.R-3 (Zinc Ref. Cell)	mV	>-900mV		
14	Portable (Cu-CuSo4) Reference Cell Potential w.r.t.R-4 (Cu-CuSo4)	mV	(+/-) 10%		
15	Portable (Cu-CuSo4) Reference Cell Potential w.r.t.R-4 (Zinc Ref. Cell)	mV	>-900mV		
16	Portable (Cu-CuSo4) Reference Cell Potential w.r.t.R-5 (Cu-CuSo4)	mV	(+/-) 10%		
17	Portable (Cu-CuSo4) Reference Cell Potential w.r.t.R-5 (Zinc Ref. Cell)	mV	>-900mV		
18	Reference Electrode connections been tagged	Yes/No	-		
C. S	ITE INSTALLATION CHECK FOR MONITORING PIPE				
1	Total Length of Monitoring Pipe	M	(+/-)5 %		
2	Length used	10/20feed	-		
3	Distance of Monitoring pipe from Tank Center (North)	M	See Note#1		
4	Did you use PVC cement for joining	Yes/No	-		
5	Has draw wire been installed	Yes/No	-		
6	Has End Caps and elbow been installed	Yes/No	-		
Not	e: 1. (+/-) 50mm from drawing				
REN	MARKS:				

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INCORPORATE TO A THOO CATEM		ITEM No.			
INSPECTION/TEST FOR CATHODIC SY	SIEM	LOCATION			
MMO GRID (TANK)					
INSPECTION NOTICE NO.:		COMPANY	CONTRACTOR	SUBCONTR	
DRAWING NO(S):		/ /	/ /	/ /	
ACCEPTANCE CRITERIA: AS PER VENDOR PROCEDURE					
Tested date:	Weather:		Temp.	°C	

	INPECTION AND TEST REQUIREMENT	Unit	Acceptable Criteria	Measurement /Result Data	Remarks
A. S	AND LEVEL BETWEEN REF. ELECTRODE LEVEL AND TANK BO	TTOM PI	LATE LEVEL.		
1	Depth	mm	(+/-) 10%		
2	Compaction	-	-		
B. G	ENERAL CHECK				
1	Has sand been properly laid	Yes/No	Required		
2	Angle (location) of exit for Power Feed / RE	-	as per dwg.		
3	Depth of Liner from Bottom Plate	mm	as per dwg.		
4	Is Sump Covered with HDPE Liner	Yes/No	as per dwg.		
5	Check Electrical discontinuity between Bottom Plate and Power Feed	-	No continuity		
RE	MARKS:	•			