

## ARC INSULATIONS AND INSULATORS PVT LTD

CLIENT	Bajaj Electricals Ltd.	DATE	25.06.2019
TITLE	10 KL FRP OIL STORAGE TANKS	TANK NO	2
DRAWING NUMBER	ARC/13-14/FRPT/001(D)	QTY	2
MPPTCL Nomination letter No.		P.O NO.	467066 (TR - 511)

### TANK DIMENSION INSPECTION REPORT

DESCRIPTION	SPECIFICATION	OBSERVATION
OVERALL LENGTH	4560 MM	4565
CIRCUMFERENCE	5183.63 MM	5184
ID	1650 MM	1650
THICKNESS	8 MM	8.1
BARRIER THICKNESS	8 MM	8.2
NO OF HOLES ON BARRIER PLATE	152 NOS	152
DIA OF BARRIER PLATE	1650 MM	1650
HOLE DIA OF BARRIER PLATE	32 MM	32
SILICA GEL BREATHER	2 KG CAPACITY	OK
LEVEL INDICATOR	1450 MM LENGTH	1450
NO OF LEVEL INDICATOR	1	1
WIDTH OF SADDLE	200 MM	200
LENGTH OF SADDLE	1750 MM	1750
HEIGHT OF SADDLE	1074 MM	1074
RADIUS OF SADDLE	1658 MM	1658
CIRCUMFERENTIAL PLATE	8 MM	8
SUPPORTING PLATE THICKNESS	8 MM	8
BASE PLATE THICKNESS	10 MM	10.2
GUSSET PLATE THICKNESS	10 MM	10.1

A.K.G.



**Abhishek Kr. Gond**  
Sr. Engineer (QA/QC)

For, ARC Insulation & Insulators Pvt. Ltd.

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### NOZZLE DIMENSION INSPECTION REPORT

DESCRIPTION		SPECIFIED						OBSERVED					
NOZZLES	SERVICE	NB	OD	PCD	NO OF HOLES	HOLE DIA	THK	NB	OD	PCD	NO OF HOLES	HOLE DIA	THK
M1	MANHOLE (RECTANGULAR)	750 X 750	950 X 950	850 X 850	24	32	20	750x750	950x950	850x850	24	32.1	20
N1	INLET	50	165	121	4	19	19	50	165	121	4	19	19.1
N2	OUTLET	50	165	121	4	19	19	50	165	121	4	19.2	19.5
N3	LEVEL INDICATOR	25	114	79	4	16	14	25	114	79	4	16	15
N4	LEVEL INDICATOR	25	114	79	4	16	14	25	114	79	4	16	15
N5	DRAIN	50	165	121	4	19	19	50	165	121	4	19	20
N6	SPARE (BREATHER)	25	114	79	4	16	14	25	114	79	4	16	14

### ORIENTATION INSPECTION REPORT

	SPECIFICATION	OBSERVATION
M1	On shell at 0° at center	Found ok
N1	On shell at 0°, 1500 mm from M1	Found ok
N2	On End Dish, 100mm from Vertical and 180° anti-clockwise	Found ok
N3	On End Dish, 100mm from Vertical and 0°	Found ok
N4	On End Dish, 100mm from Vertical and 180° anti-clockwise	Found ok
N5	On shell, 800mm from M1 and 180° anti-clockwise	Found ok
N6	On shell at 0°, 2000 mm from M1.	Found ok

### TESTING REPORT

SL. NO.	DESCRIPTION	SPECIFIED	OBSERVATION
1	Hydrostatic Pressure	ATM Static Head	Passed
2	Water Filling 48 Hours	No Leakage	No Leakage Found
3	Deflection due to Pressure	No Deflection	Passed
4	Leakage	No Leakage Found	Passed

  


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