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INSPECTION DETAILS OF TESTING OF PRESSURE VESSELS / PRESSURE PLANTS

Place of Inspection

M/s. Varroc Engineering Ltd (Plant - V),
Plant - V, (Forging Division), Plot No.- L-6/2, M.I.D.C. Waluj,
Aurangabad.

Date Of Inspection**Name Of Competent Person**

RAJENDRA PANDE

Section Rule

Section 31 & Rule 65 of MFR 1963

Sr.No.	Name of Equipment / Plant	Safe Working Pressure	Ultrasonic Examination Date of Testing	Ultrasonic Next Due Date of Testing	Hydraulic Examination Date of Testing	Hydraulic Next Due Date of Testing	Observed Thickness
1	Air Receiver No.04., Sr.No- 1139(24299/17),, Cap-100 Ltr., Make-Kelleys., Year-2017., Loc-MSIL Hard Cell Washing Machine - Machine Shop-3	7.0 Kg/cm ²	21-12-2024	20-06-2025	21-12-2024	20-12-2026	Ultrasonically tested & Found O.K. Shell Thickness : - 6.4mm, 6.5mm Dish Thickness : - 8.3mm, 8.4mm.
2	Oil / Air Receiver., Sr.No- MP-01 (PNA-501605),, Location - Comp. House Near Press shop., Capacity - 60 Liters., Make - M/s. Atlas Capco, Year-2017	7.0 Kg/cm ²	21-12-2024	20-06-2025	21-12-2024	20-12-2026	Ultrasonically tested & Found O.K. Shell Thickness : - 5.8mm, 5.9mm Dish Thickness : - 5.6mm, 5.7mm.
3	Air Receiver., Sr.No. -9095222403,, Capacity -1000 L., Location - Near Press shop.,Make - M/s. Elgi.Year-2017	7.0 Kg/cm ²	22-12-2024	21-06-2025	22-12-2024	21-12-2026	Ultrasonically tested & Found O.K. Shell Thickness : - 6.4mm, 6.5mm Dish Thickness : - 8.1mm, 8.2mm.
4	Air Receiver 05., Sr.No. F-24723/18,, Capacity -100 L., Location - Washing M/C. Machine Shop-III Near Meritor cell FID., Make - M/s. Span Associates., Year-2018.	7.0 Kg/cm ²	22-12-2024	21-06-2025	22-12-2024	21-12-2026	Ultrasonically tested & Found O.K. Shell Thickness : - 8.1mm, 8.2mm Dish Thickness : - 6.6mm, 6.7mm.
5	Pressure Vessel., Sr. No.-NRA.,Cap.-60L., Loc-For Shotblasting Machine (Special Process shop),,Make-Disa., Year-2017.	7.0 Kg/cm ²	22-12-2024	21-06-2025	22-12-2024	21-12-2026	Ultrasonically tested & Found O.K. Shell Thickness : - 4.7mm, 4.8mm Dish Thickness : -

Sr.No.	Name of Equipment / Plant	Safe Working Pressure	Ultrasonic Examination Date of Testing	Ultrasonic Next Due Date of Testing	Hydraulic Examination Date of Testing	Hydraulic Next Due Date of Testing	Observed Thickness
							5.7mm, 5.8mm.
6	MGF Sand Filter., Sr. No.-ETP-01.,Cap.-2000 L., Loc-Aqualine Corporaion.,Make-Disa., Year-2017.	3.5 Kg/cm ²	22-12-2024	21-06-2025	22-12-2024	21-12-2026	Ultrasonically tested & Found O.K. Shell Thickness : - 5.5mm, 5.6mm Dish Thickness : - 5.7mm, 5.6mm.
7	ACF Activation Carbon Filter.,Sr.No.ETP-02.,Cap.-2000 L., Loc-Aqualine Corporaion.,Make-Disa., Year-2017.	7.0 Kg/cm ²	22-12-2024	21-06-2025	22-12-2024	21-12-2026	Ultrasonically tested & Found O.K. Shell Thickness : - 5.4mm, 5.5mm Dish Thickness : - 5.7mm, 5.6mm.
8	Air Receiver Assy., Equip. No.- P-1286. (VE-03), Location - Hot Forging Compressor House., Capacity - 20.0 M3., Make - M/s. Shanti Boilers Hyderabad.	6.0 Kg/cm ²	22-12-2024	21-06-2025	22-12-2024	21-12-2026	Ultrasonically tested & Found O.K. Shell Thickness : - 6.7mm, 6.8mm Dish Thickness : - 9.5mm, 9.6mm.
9	Oil/Air Receiver Assy., Equip. No.- 12588/2012., Location - Comp. No.1(21272450),Machine shop-III Compressor House., Capacity - 185 Ltrs., Make - M/s. Inger Soll Rand	230 PSI	22-12-2024	21-06-2025	22-12-2024	21-12-2026	Ultrasonically tested & Found O.K. Shell Thickness : - 6.1mm, 6.2mm Dish Thickness : - 8.3mm, 8.2mm.
10	Pressure Vessel No-1 (for dust collector) For New Shot Blasting M/c., Sr. No.- NRA., Location - New Shot blasting m/c., Capacity - 50 Liter., Make - M/s. Disa.	7.0 Kg/cm ²	22-12-2024	21-06-2025	22-12-2024	21-12-2026	Ultrasonically tested & Found O.K. Shell Thickness : - 5.7mm, 5.6mm Dish Thickness : - 5.4mm, 5.3mm.
11	Pressure Vessel No-2 (for dust collector) For New Shot Blasting M/c., Sr. No.- NRA., Location - New Shot blasting m/c., Capacity - 50 Liter., Make - M/s. Disa.	7.0 Kg/cm ²	22-12-2024	21-06-2025	22-12-2024	21-12-2026	Ultrasonically tested & Found O.K. Shell Thickness : - 5.7mm, 5.8mm Dish Thickness : - 7.7mm, 7.6mm.
12	Oil/ Air Receiver., Sr. No.- NRA, Capacity - 150 Liter., Location - Compressor House Machine Shop-III., Make - M/s. Boge.	7.0 Kg/cm ²	22-12-2024	21-06-2025	22-12-2024	21-12-2026	Ultrasonically tested & Found O.K. Shell Thickness : -

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							5.7mm, 5.8mm Dish Thickness : - 7.7mm, 7.8mm.
13	Air Receiver., Sr. No- R 16010174, Capacity - 3.0 m3., Location - Compressor House.,Mc Shop III., Make - M/s. UEW.	7.0 Kg/cm ²	22-12-2024	21-06-2025	22-12-2024	21-12-2026	Ultrasonically tested & Found O.K. Shell Thickness : - 6.4mm., 6.3mm Dish Thickness : - 6.3mm., 6.2mm
14	Air Pipe Line (Comp to Receiver)., Equip. No.- 01., Location - Comp. to Air Receiver., Leangth - 4 Inch x 10 Meter (MS Pipe)., Make - M/s. Local Fabricators. (HFD Compressor Room)	7.0 Kg/cm ²	17-12-2024	16-06-2025	22-01-2023	21-01-2025	Ultrasonically tested & Found O.K. Shell Thickness:- 5.4mm, 5.3mm, 5.2mm
15	Air Pipe Line (Comp to Receiver)., Equip. No.- 02., Location - Comp to Air Receiver. Leangth - 4 Inch x 50 Meter (MS Pipe)., Make - M/s. Local Fabricators.	7.0 Kg/cm ²	17-12-2024	16-06-2025	22-01-2023	21-01-2025	Ultrasonically tested & Found O.K. Shell Thickness:- 5.1mm, 5.3mm, 5.2mm
16	LPG Pipe Line, Equip. No.- 01, Location - LPG Yard to Hot Forging Compressor House, Length - 2 Inch x 100 Meter, Make - M/s. Local Fabricators.	7.0 Kg/cm ²	17-12-2024	16-06-2025	22-01-2023	21-01-2025	Ultrasonically tested & Found O.K. Shell Thickness:- 4.7mm, 4.8mm, 4.6mm
17	Oil/Air Receiver Assy., Equip. No.- 12607/2012 (8315)., Location - Comp. House Machine Shop-III No.2(21272449)., Capacity - 185 Ltrs., Make - M/s. Inger Soll Rand	230 PSI	17-12-2024	16-06-2025	22-01-2023	21-01-2025	Ultrasonically tested & Found O.K. Shell Thickness : - 7.6mm, 7.7mm Dish Thickness : - 7.7mm, 7.6mm.
18	Moisture Separator Assy., Equip.No.-120682/09, Location- HFD Comp. Room, Cap.-60 Ltr., Make-Ingersoll Rand	16.0 Bar	17-12-2024	16-06-2025	22-01-2023	21-01-2025	Ultrasonically tested & Found O.K. Shell Thickness : - 4.0mm, 4.1mm Dish Thickness :- 5.4mm, 5.5mm
19	LPG Pipe Line - 02, Location - Hot Forging Compressor House to Furnace, Lengths - 1 Inch x 100 Meter, Make - M/s. Localley	7.0 Kg/cm ²	17-12-2024	16-06-2025	22-01-2023	21-01-2025	Ultrasonically tested & Found O.K. Shell Thickness:- 4.8mm, 4.6mm, 4.7mm
20	Air Pipe Line (Comp to Receiver)., Equip. No.- 01.,	7.0	17-12-2024	16-06-2025	21-01-2025	20-01-2027	Not due

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	Location - Comp. to Air Receiver., Leangth - 4 Inch x 10 Meter (MS Pipe)., Make - M/s. Local Fabricators. (HFD Compressor Room)	Kg/cm ²					
21	Air Pipe Line (Comp to Receiver)., Equip. No.- 02., Location - Comp to Air Receiver. Leangth - 4 Inch x 50 Meter (MS Pipe)., Make - M/s. Local Fabricators.	7.0 Kg/cm ²	17-12-2024	16-06-2025	21-01-2025	20-01-2027	Not due
22	LPG Pipe Line, Equip. No.- 01, Location - LPG Yard to Hot Forging Compressor House, Length - 2 Inch x 100 Meter, Make - M/s. Local Fabricators.	7.0 Kg/cm ²	17-12-2024	16-06-2025	21-01-2025	20-01-2027	Not due
23	Oil/Air Receiver Assy., Equip. No.- 12607/2012 (8315)., Location - Comp. House Machine Shop-III No.2(21272449)., Capacity - 185 Ltrs., Make - M/s. Inger Soll Rand	230 PSI	17-12-2024	16-06-2025	21-01-2025	20-01-2027	Not due
24	Moisture Separator Assy., Equip.No.-120682/09, Location- HFD Comp. Room, Cap.-60 Ltr., Make-Ingersoll Rand	16.0 Bar	17-12-2024	16-06-2025	21-01-2025	20-01-2027	Not due
25	LPG Pipe Line - 02, Location - Hot Forging Compressor House to Furnace, Lengths - 1 Inch x 100 Meter, Make - M/s. Localley	7.0 Kg/cm ²	17-12-2024	16-06-2025	21-01-2025	20-01-2027	Not due

For 3SM TECH SOLUTION

**RAJENDRA PANDE
B.E. (Mech)
COMPETENT PERSON
C.P.C.NO. P-110/2023**