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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 : -

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 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**