

**List of Pressure Vessels for Hydro Test in FY 2021-22**

SINo	Item Description	Capacity	SI no.	Make	Size	Date of Mfg.	Date of Last Hydrostatic Test	Location	Nature of Process /Connected to	Hydrostatic Test due on
1	Air Receiver Vertical	3 cub mtr / 3000 Ltr	UEW 092654	Kirloskar Pneumatic	1200 mm dia X 2800 mm Ht.	Sept 2008	27 Dec 2017 @ 12 kg/sq.cm	Near Mechanical maint. Dept. m/c shop	connected to 4 Inch Header Line	Dec 2021
2	Air Receiver Vertical	2 cub mtr / 2000 Ltr	89105	Khosla India	900 mm dia X 3600 mm Ht.	May 1990	10 Jan 2018 @ 15 kg/sq.cm	Behind Compressor House	connected to Atlas Copco Screw Compressor / Air Line	Jan 2022
3	Air Receiver Vertical	2 cub mtr / 2000 Ltr	89106	Khosla India	900 mm dia X 3600 mm Ht.	May 1990	20 March 2018 @ 15 kg/sq.cm	Behind Compressor House	connected to Atlas Copco Screw Compressor / Air Line	March 2022
4	Air Receiver Vertical	2000 Ltr	slno. 1102	Summits Hygronics	1000 mm dia X 2800 mm Ht.	2011	27 Dec 2017 @ 12 kg/sq.cm	outside engine assembly shop	connected to 2inch line for Pneumatic operation	Dec 2021
5	Air Receiver Vertical	500 Ltr	RO 703600	Atlas Copco	600 mm dia X 1840 mm Ht.	March 2007	28 May 2018 @ 12 kg/sq.cm	MAG HMC	connected to Air Line	May 2022
6	Air Receiver Vertical	500 Ltr	Fab. No. 1092	Reliable Equipment	600 mm dia X 1840 mm Ht.	March 2007	28 May 2018 @ 16 kg/sq.cm	Engine Assembly	connected to Air Line	May 2022
7	Air Receiver Vertical	500 Ltr	Fab. No. 1093	Reliable Equipment	600 mm dia X 1840 mm Ht.	March 2007	28 May 2018 @ 16 kg/sq.cm	Engine Assembly	connected to Air Line	May 2022
8	Air Receiver Vertical	500 Ltr	Fab. No. 1094	Reliable Equipment	600 mm dia X 1840 mm Ht.	March 2007	28 May 2018 @ 16 kg/sq.cm	Aerospace divn.	connected to Air Line	May 2022
9	Air/ Oil Receiver & Heat Exchanger	30 Ltr	PNE MT 89105	Teccon Services	300 mm dia X 520 mm Ht.	Apr 1990	10 Jan 2018 @ 15 kg/sq.cm	Compressor No. 1	Atlas Copco Screw Compressor Model : GA 1107	Jan 2022
10	Air/ Oil Receiver & Heat Exchanger	118 Ltr	PNE AR 89105	Teccon Services	400 mm dia X 1075 mm Ht.	1990	10 Jan 2018 @ 15 kg/sq.cm	Compressor No. 1	Atlas Copco Screw Compressor Model : GA 1107	Jan 2022
11	Air/Oil Receiver & Heat Exchanger	145 Ltr	PNE OR 89105	Teccon Services	400 mm dia X 1300 mm Ht.	1990	10 Jan 2018 @ 15 kg/sq.cm	Compressor No. 1	Atlas Copco Screw Compressor Model : GA 1107	Jan 2022
12	Air/ Oil Receiver & Heat Exchanger	30 Ltr	PNE MT 89106	Teccon Services	300 mm dia X 520 mm Ht.	1990	20 March 2018 @ 15 kg/sq.cm	Compressor No. 2	Atlas Copco Screw Compressor Model: GA 1107	March 2022
13	Air/ Oil Receiver & Heat Exchanger	118 Ltr	PNE AR 89106	Teccon Services	400 mm dia X 1075 mm Ht.	1990	20 March 2018 @ 15 kg/sq.cm	Compressor No. 2	Atlas Copco Screw Compressor Model: GA 1107	March 2022
14	Air/ Oil Receiver & Heat Exchanger	145 Ltr	PNE OR 89106	Teccon Services	400 mm dia X 1300 mm Ht.	1990	20 March 2018 @ 15 kg/sq.cm	Compressor No. 2	Atlas Copco Screw Compressor Model: GA 1107	March 2022
15	Air/Oil Receiver Vertical	47 Ltr	09/21	Kirloskar Pneumatic	310 mm Dia X 630 mm Ht.	2009	07 Sept 2016 @ 17 kg/sq.cm	Compressor No.4 / Compressor House	connected to Kirloskar screw compressor	Sept 2020
16	Air/Oil Receiver Vertical	15 Ltr	B7 C8	Atlas Copco	245 mm Dia X 380 mm Ht.	2007	07 Sept 2016 @ 10.5 kg/sq.cm	Compressor No. 3 / Aerospace Divn.	connected to Atlas Copco Screw Compressor / Air Line	Sept 2020
17	Air Dryer - one set of two towers	192 M3 / Hr	9907	Trident Pneumatic		1999	07 Sept 2016 @ 16 kg / sq. cm	Machine Shop	connected to FMS m/c air line	Sept 2020

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18	Heat Exchanger 01 & 02		1159	Teccon Services	325mm Dia X 1140 mm LG. 420 mm Dia X 1670 mm LG.	1990	June 2018 @ 200 psi	Test Cell TC-01	Diesel Engine Test Bed Heat Exchanger	June 2022
19	Heat Exchanger 03 & 04		1158	Teccon Services	275 mm Dia X 775 mm LG. 410 mm Dia X 1480 mm LG.	1990	June 2018 @ 200 psi	Test Cell TC-02	Diesel Engine Test Bed Heat Exchanger	June 2022
20	Heat Exchanger 05 & 06		1157	Teccon Services	325 mm Dia X 1140 mm LG. 410 mm Dia X 2230 mm LG.	1990	June 2018 @ 200 psi	Test Cell TC-03	Diesel Engine Test Bed Heat Exchanger	June 2022
21	Heat Exchanger 07 & 08		W/ W 003	MERA Engineering	275 mm Dia X 775 mm LG. 410 mm Dia X 1480 mm LG.	1990	June 2018 @ 15 kg/sq.cm	Test Cell TC-04	Diesel Engine Test Bed Heat Exchanger	June 2022
22	Heat Exchanger 09 & 10		W/ W 002	MERA Engineering	325 mm Dia X 1140 mm LG. 410 mm Dia X 2230 mm LG.	1990	July 2018 @ 15 kg/sq.cm	Test Cell TC-05	Diesel Engine Test Bed Heat Exchanger	July 2022
23	Heat Exchanger 11 & 12		W/ W 001	MERA Engineering	275 mm Dia X 775 mm LG. 410 mm Dia X 1480 mm LG.	1990	July 2018 @ 15 kg/sq.cm	Test Cell TC-06	Diesel Engine Test Bed Heat Exchanger	July 2022
24	Heat Exchanger 13 & 14		2069	United Cooling	310 mm Dia X 1275 mm LG. 220 mm Dia X 1570 mm LG.	2013	July 2018 @ Shel / Tube: 14 /7 kg/sq.cm	Test Cell TC-07	Diesel Engine Test Bed Heat Exchanger	July 2022
25	Heat Exchanger 15 & 16		2070	United Cooling	310 mm Dia X 1275 mm LG. 220 mm Dia X 1570 mm LG.	2013	July 2018 @ Shel / Tube: 14 /7 kg/sq.cm	Test Cell TC-08	Diesel Engine Test Bed Heat Exchanger	July 2022
26	Air Receiver Vertical	2000 Ltr	07020358	Alisha Pneumatic	Shell thick : 6mm, Dish plate thick: 8mm	2020	06 July 2020 @ 18 kg/sq.cm	Aerospace divn. Compressor No. 5	Kobelco 600 cfm VFD Air Compressor	July 2024