National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : LABORATORY OF BUNDY INDIA LIMITED, PLOT NO:-2,GIDC INDUSTRIAL ESTATE, MAKARPURA, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6785 **Page No** 1 of 4

Validity 19/04/2023 to 18/04/2025 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- CORROSION TESTS	Automobile Steel Tubing With Resin Coating	Cyclic Corrosion Test (CCT)	NES M 0158
2	CHEMICAL- CORROSION TESTS	Automobile Steel Tubing with Resin Coating	Cyclic Corrosion Test (CCT)	SAE J2334
3	CHEMICAL- CORROSION TESTS	Automobile Steel Tubing with Resin Coating	Cyclic Corrosion Test (CCT)	TSH 1555G (Rev.10)
4	CHEMICAL- CORROSION TESTS	Low Carbon Steel Automobile Tubing and Plated and Passivated Steel Connectors and Brackets	Salt Spray Test (SST)	ASTM B117
5	CHEMICAL- CORROSION TESTS	Low Carbon Steel Automobile Tubing and Plated and Passivated Steel Connectors and Brackets	Salt Spray Test (SST)	JASO M104 (Clause No: 5.6)
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Chemical Resistance Test	JIS D 0202 (RA 2007) Clause No: 4.9,4.10,4.11,4.12
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Chemical Resistance Test	TSH 7902G (Rev. 10) Clause No. 4.8
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Chemical Resistance Test	TSM7609G (Rev.4) (Clause:5.5)
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Chipping Resistance Test	TSM7609G (Rev.4) (Clause No:5.12)
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Cycle Cracking Property/ Cold wet Heat Cycle Resistance Test/ Temperature Humidity Cycle Test	JIS D 0202 (RA 2007) Clause No. 4.17
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Cycle Cracking Property/ Cold Wet Heat Cycle Resistance Test/ Temperature Humidity Cycle Test	TSM 7609G (Rev. 04) (Clause No:5.10)
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Cycle Cracking Property/ Cold Wet Heat Cycle Resistance Test/ Temperature Humidity Cyclic Test	TSH 7915G (Rev. 05)
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Heat Cycle Test (Thermal Shock Resistance Test)	JASO M104 (Clause no. 5.2)
14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Heat Resistance Test	JIS D0202 (RA 2007) Clause No. 4.18

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15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Heat Resistance Test	TSM7609G (Rev.4) (Clause No:5.8)
16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Heat Shock Test	TSM7609G (Rev.4) (Clause No:5.11)
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Hot Water Test	JASO M104 (Clause No. 5.3)
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Hot Water Test	JIS D0202 (RA 2007) Clause No. 4.8
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Hydrochloric Acid Immersion Test	TIS 01206 000 74 Clause No. 2.3.2(i)
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Liquid Resistance Test	TSM7609G (Rev.4) (Clause No:5.9)
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Liquid Resistance Test (Brake Fluid)/ Fuel Resistance	JASO M104 (Clause No. 5.4)
22	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Oil Resistance Test	TSM7609G (Rev.4) (Clause No:5.6)
23	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Shock Resistance Test (Impact Resistance Test)	JIS D0202 (RA 2007) Clause No. 4.19
24	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Shock Resistance Test (Impact Resistance Test)	TSM 7609G (Rev. 04) (Clause 5.2)
25	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Stone Chipping Resistance (Gravel Test)	JASO M 104 (Clause No: 5.1)
26	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Stress Cracking Resistance Test	TSM7609G (Rev.4) (Clause No:5.3)
27	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automobile Steel Tubing with Resin Coating	Water Resistance Test	TSM7609G (Rev.4) (Clause No:5.7)
28	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	% Elongation	ASTM E8/E8M

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29	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	% Elongation	ASTM E8/E8M
30	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	% Elongation	IS 1608 Part-1
31	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	% Elongation	IS 1608 Part-1
32	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	Bending/ Coiling Test	IS 2329 (RA 2017)
33	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	Drift Expansion Test	IS 2335 (RA 2017)
34	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	Flattening Test	IS 2328
35	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	Guarantee Pressure Test	JASO M 101
36	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	Guarantee Pressure Test	JASO M 104
37	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	Inside Surface Cleanliness Test	IS 8119 (RA 2009) (Clause No: 7)
38	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	Static Burst Strength (Burst Pressure Test)	JASO M 104
39	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	Static Burst Strength (Burst Pressure Test)	JASO M101
40	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	Ultimate Tensile Strength (UTS)	ASTM E8/E8M
41	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	Ultimate Tensile Strength (UTS)	ASTM E8/E8M
42	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	Ultimate Tensile Strength (UTS)	IS 1608 Part-1

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43	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	Ultimate Tensile Strength (UTS)	IS 1608 Part-1
44	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	Yield Strength (YS)	ASTM E8/E8M
45	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	Yield Strength (YS)	ASTM E8/E8M
46	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	Yield Strength (YS)	IS 1608 Part-1
47	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Carbon Steel Automobile Tubing	Yield Strength (YS)	IS 1608 Part-1
48	MECHANICAL-METALLOGRAPHY TEST	Automobile Steel Tubing with Resin Coating	Coating Thickness Measurement by Microscopic Method	ASTM B487
49	MECHANICAL-METALLOGRAPHY TEST	Automobile Steel Tubing with Resin Coating	Coating Thickness Measurement with Microscope Method	IS 3203 (RA 2021)
50	MECHANICAL-METALLOGRAPHY TEST	Automobile Tubing with Resin Coating	Coating Thickness Measurement with Microscopic Method	GM 123M/ 124M