National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL LABORATORY, LAL BABA SEAMLESS TUBES PVT. LTD., KASHBERIA, BARDHANYAGHATA, DEBHOG, HALDIA, MEDINIPUR EAST, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7900 **Page No** 1 of 5

Validity 26/09/2021 to 25/09/2023 **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- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Carbon	ASTM E 415
2	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Carbon	IS 8811
3	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Carbon	JIS G 1253
4	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Chromium	ASTM E 415
5	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Chromium	IS 8811
6	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Chromium	JIS G 1253
7	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Copper	ASTM E 415
8	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Copper	IS 8811
9	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Copper	JIS G 1253
10	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Manganese	ASTM E 415
11	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Manganese	IS 8811
12	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Manganese	JIS G 1253
13	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Molybdenum	ASTM E 415
14	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Molybdenum	IS 8811
15	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Molybdenum	JIS G 1253
16	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Nickel	ASTM E 415
17	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Nickel	IS 8811
18	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Nickel	JIS G 1253

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19	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Phosphorus	ASTM E 415
20	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Phosphorus	IS 8811
21	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Phosphorus	JIS G 1253
22	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Silicon	ASTM E 415
23	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Silicon	IS 8811
24	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Silicon	JIS G 1253
25	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Sulphur	ASTM E 415
26	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Sulphur	IS 8811
27	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Sulphur	JIS G 1253
28	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Vanadium	ASTM E 415
29	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Vanadium	IS 8811
30	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low alloy steel for steel tubes & Pipes.	Vanadium	JIS G 1253
31	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Carbon	ASTM E 1086
32	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Carbon	IS 9879
33	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Carbon	JIS G 1253
34	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Chromium	ASTM E 1086
35	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Chromium	IS 9879
36	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Chromium	JIS G 1253
37	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Copper	ASTM E 1086

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38	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Copper	IS 9879
39	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Copper	JIS G 1253
40	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Manganese	ASTM E 1086
41	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Manganese	IS 9879
42	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Manganese	JIS G 1253
43	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Molybdenum	ASTM E 1086
44	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Molybdenum	IS 9879
45	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Molybdenum	JIS G 1253
46	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Nickel	ASTM E 1086
47	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Nickel	IS 9879
48	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Nickel	JIS G 1253
49	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Phosphorus	ASTM E 1086
50	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Phosphorus	IS 9879
51	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Phosphorus	JIS G 1253
52	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Silicon	ASTM E 1086
53	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Silicon	IS 9879
54	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Silicon	JIS G 1253
55	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Sulphur	ASTM E 1086
56	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Sulphur	IS 9879

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57	CHEMICAL- METALS & ALLOYS	Stainless Steel (Tubes & Pipes)	Sulphur	JIS G 1253
58	MECHANICAL- MECHANICAL PROPERTIES OF METALS	pipe/tubes OD 6 mm to 114.30 mm	Flattening test	ASTM A370
59	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon & Alloy steel components	Brinell Hardness	ASTM E10
60	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon & Alloy steel components	Brinell Hardness	IS 1500 (Part-1)
61	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	CHARPY IMPACT TEST ((-) 50 deg C to 25 deg C)	IS 1757, ASTM E381-01
62	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Pipes & tubes	Flaring test of Pipe & Tube OD 6 mm to 114.30 mm	ASTM A370
63	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Tube & Pipe	Bend test up to 180 deg for pipe & tube OD-17.10-60.30	IS 2329
64	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Tube & Pipe	Elongation	ASTM A 370
65	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Tube & Pipe	Elongation	IS: 1608
66	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Tube & Pipe	Grain size 1.0- 10.0 (At 100X Magnification)	ASTM E 112
67	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Tube & Pipe	Inclusion rating Type-A to Type-D	ASTM E45
68	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Tube & Pipe	ROCKWELL HARDNESS	ASTM A 370
69	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Tube & Pipe	ROCKWELL HARDNESS	ASTM A 370
70	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Tube & Pipe	ROCKWELL HARDNESS	IS 1586

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71	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube & Pipe	ROCKWELL HARDNESS	IS 1586
72	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube & Pipe	Tensile Strength	ASTM A 370
73	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube & Pipe	Tensile Strength	IS: 1608
74	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube & Pipe	Yield Stress	ASTM A 370
75	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube & Pipe	Yield Stress	IS: 1608
76	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	MACROSCOPIC TEST	IS 13015