National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : LALBABA INDUSTRIAL CORPORATION PVT. LTD., TESTING LABORATORY, VILLAGE PALORA, HOWRAH, ULUBARIA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8424 **Page No** 1 of 3

Validity 16/09/2022 to 15/09/2024 **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- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Coating	Coating Thickness	IS 3203
2	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Coating	Mass of Zinc Coating	IS 6745
3	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Coating	Uniformity of Zinc Coating	IS 2633
4	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Low Carbon, Medium Carbon & High carbon)	Carbon	IS 8811
5	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Low Carbon, Medium Carbon & High carbon)	Phosphorus	IS 8811
6	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Low Carbon, Medium Carbon & High Carbon)	Aluminium	IS 8811
7	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Low Carbon, Medium Carbon & High Carbon)	Copper	IS 8811
8	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Low Carbon, Medium Carbon & High Carbon)	Manganese	IS 8811
9	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Low Carbon, Medium Carbon & High Carbon)	Molybdenum	IS 8811
10	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Low Carbon, Medium Carbon & High Carbon)	Molybdenum	IS 8811
11	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Low Carbon, Medium Carbon & High Carbon)	Nickel	IS 8811
12	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Low Carbon, Medium Carbon & High Carbon)	Silicon	IS 8811
13	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Low Carbon, Medium Carbon & High Carbon)	Sulphur	IS 8811
14	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Low Carbon, Medium Carbon & High Carbon)	Chromium	IS 8811
15	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
16	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
17	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879

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18	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
19	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
20	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 9879
21	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
22	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
23	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous Components (Yoke Pin, Knuckle Pin, Side Frame Key, Cotter, Male Eye Lug)	Dimension Test	IS 2121 (Part 1)
24	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend Test	IS 1599
25	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness (10/3000)	IS 1500 (Part 1)
26	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elongation	IS 1608 (Part 1)
27	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Failing Load Test	IS 2121 (Part 2)
28	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Mechanical Strength Test	IS 2486 (Part 1)
29	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness (B scale)	IS 1586 (Part 1)
30	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness (C Scale)	IS1586 (Part 1)
31	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Slip Strength Test	IS 2486 (Part-1)
32	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Strength	IS 1608 (Part 1)

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33	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Yield Stress	IS 1608 (Part 1)
34	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Grain Size	IS 4748
35	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Inclusion Rating	IS 4163
36	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Macro Test	IS 11371