



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

KEPRO TECHNOLOGIES PVT. LTD. - LAB DIVISION, EXPRESS INDUSTRIAL COMPLEX, NEW KOLORAH DOMJUR DHULAGARH, HOWRAH, WEST BENGAL, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-10276

Page No

1 of 4

Validity

28/01/2022 to 27/01/2024

Last Amended on

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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	Aluminium & Its Alloy	Chromium (Cr)	ASTM E 1251
2	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Copper	ASTM E 1251
3	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Iron	ASTM E 1251
4	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Lead	ASTM E 1251
5	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Magnesium	ASTM E 1251
6	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Manganese	ASTM E 1251
7	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Nickel	ASTM E 1251
8	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Silicon	ASTM E 1251
9	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Tin	ASTM E 1251
10	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Titanium	ASTM E 1251
11	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Zinc	ASTM E 1251
12	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Aluminum (Al)	IS 8811
13	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Carbon (C)	IS 8811
14	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Chromium (Cr)	IS 8811
15	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Cobalt (Co)	IS 8811
16	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Copper (Cu)	IS 8811
17	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Manganese (Mn)	IS 8811
18	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Molybdenum (Mo)	IS 8811



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2 of 4

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19	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Nickel (Ni)	IS 8811
20	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Nitrogen(N ₂)	IS 8811
21	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Phosphorus (P)	IS 8811
22	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Silicon (Si)	IS 8811
23	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Sulphur (S)	IS 8811
24	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Vanadium (V)	IS 8811
25	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon (C)	IS 9879
26	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium (Cr)	IS 9879
27	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper (Cu)	IS 9879
28	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese (Mn)	IS 9879
29	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum (Mo)	IS 9879
30	CHEMICAL- METALS & ALLOYS	stainless steel	Nickel (Ni)	IS 9879
31	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorus (P)	IS 9879
32	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon (Si)	IS 9879
33	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur (S)	IS 9879
34	CHEMICAL- METALS & ALLOYS	Stainless steel	Titanium	IS 9879
35	CHEMICAL- METALS & ALLOYS	Stainless steel	Vanadium	IS 9879
36	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bar, Flat, Tubes, Pipe, Angle, Round, Channel, Bolt, Nut, wire, D Shackles	Rockwell Hardness Test	IS 1586 (PART 1) ASTM A 370



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3 of 4

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37	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bar, Flat, Tubes, Pipe, Angle, Round, Channel, Bolt, Nut, wire, D Shackles	Rockwell Hardness Test	IS 1586 (PART 1) ASTM A 370
38	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bar, Flat, Tubes, Pipe, Angle, Round, Channel, Bolt, Nut	Vickers Hardness Test (HV-10)	IS 1501 (Part-1)
39	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bar, Flat, Tubes, Pipe, Angle, Round, Channel, Bolt, Nut	Brinell Hardness Test (10/3000)	ASTM A 370 AND IS :1500 (PART 1)
40	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bar, Flat, Tubes, Pipe, Angle, Round, Channel, Bolt, Nut	Brinell Hardness Test (5/750)	ASTM A 370 AND IS :1500 (PART 1)
41	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bar, Flat, Tubes, Pipe, Angle, Round, Channel, Bolt, Nut	Vickers Hardness Test (HV-30)	IS 1501 (Part-1)
42	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bar, Flat, Tubes, Pipe, Angle, Round, Channel, Bolt, Nut	Vickers Hardness Test (HV-5)	IS 1501 (Part-1)
43	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bolt /Studs	Head Soundness	IS 1367 (Part 3)
44	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bolt /Studs	Wedge Load / Tensile load	IS 1367 (Part 3)
45	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Fasteners (Bolts)	Proof Load Test	IS 1367 (Part 3)
46	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Nut	Proof Load	IS 1367 (Part 6):
47	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel Bar	Mass Per Meter	IS 1786
48	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel Bar/TMT/Round	Rebend Test	IS 1786
49	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wire/Bar/Flat/ Plates/ Fasteners	% Elongation	IS 1608 (P-1), IS 1367 (P-3) & ASTM A 370
50	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wire/Bar/Flat/ Plates/ Fasteners	Tensile Strength	IS 1608 (P-1), IS 1367 (P-3) & ASTM A 370



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51	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wire/Bar/Flat/ Plates/ Fasteners	Yield Stress	IS: 1608 (P-1), IS 1367 (P-3) & ASTM A 370
52	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wire/Bar/Flat/Bolt/Nut/D- Shackles	Breaking load	IS 1608(P-1)
53	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wire/Bar/Flat/Plates/Tube/Pipe/Angle/Channel/Beam	Bend Test (mandrel dia: 32mm, 40mm, 44mm,50mm,60mm,80m,100 mm,150mm,168mm,192mm,216mm,240mm)	IS 1599
54	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wire/Bar/Flat/Plates/Tube/Pipe/Angle/Channel/Beam	0.2% Proof Stress	IS 1608 (P-1) & ASTM A 370