National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : S. V. INDIA CALIBRATION SERVICES, SHOP -8 SHRI RAM MARKET, RUDRAPUR, UDAM SINGH NAGAR, UTTARAKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7993 **Page No** 1 of 3

Validity 12/10/2022 to 11/10/2024 **Last Amended on** 14/10/2022

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	Coated Ferrous and Non Ferrous Products	Salt Spray Tests	ASTM B 117
2	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Chromium (Cr)	ASTM E 1251
3	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Copper (Cu)	ASTM E 1251
4	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Iron (Fe)	ASTM E 1251
5	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Lead (Pb)	ASTM E 1251
6	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Magnesium (Mg)	ASTM E 1251
7	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Manganese (Mn)	ASTM E 1251
8	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Nickel (Ni)	ASTM E 1251
9	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Silicon (Si)	ASTM E 1251
10	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Tin (Sn)	ASTM E 1251
11	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Titanium (Ti)	ASTM E 1251
12	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zinc (Zn)	ASTM E 1251
13	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel	Aluminum (Al)	ASTM E 415
14	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel	Boron (B)	ASTM E 415
15	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel	Carbon (C)	ASTM E 415
16	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel	Chromium (Cr)	ASTM E 415
17	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel	Niobium	ASTM E 415
18	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel	Titanium	ASTM E 415

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19	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Cobalt (Co)	ASTM E 415
20	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Copper (Cu)	ASTM E 415
21	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Lead (Pb)	ASTM E 415
22	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Manganese (Mn)	ASTM E 415
23	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Molybdenum (Mo)	ASTM E 415
24	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Nickel (Ni)	ASTM E 415
25	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Phosphorus (P)	ASTM E 415
26	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Silicon (Si)	ASTM E 415
27	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Sulphur (S)	ASTM E 415
28	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Tungsten (W)	ASTM E 415
29	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Vanadium (V)	ASTM E 415
30	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon (C)	ASTM E1086
31	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium (Cr)	ASTM E 1086
32	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper (Cu)	ASTM E 1086
33	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese (Mn)	ASTM E 1086
34	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum (Mo)	ASTM E1086
35	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel (Ni)	ASTM E 1086
36	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorus (P)	ASTM E 1086
37	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon (Si)	ASTM E 1086

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38	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur (S)	ASTM E 1086
39	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness by Rockwell of Ferrous & Non Ferrous Material	Hardness by Rockwell at C Scale	IS 1586 Part 1
40	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness by Rockwell of Ferrous & Non Ferrous Material	Hardness by Rockwell at B Scale	IS 1586 Part 1
41	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mechanical Properties of Ferrous & Non Ferrous Material	% Elongation	IS 1608 Part -1
42	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mechanical Properties of Ferrous & Non Ferrous Material	% Reduction Area	IS 1608 Part -1
43	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mechanical Properties of Ferrous & Non Ferrous Material	Tensile Strength	IS 1608 Part 1
44	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mechanical Properties of Ferrous & Non Ferrous Material	Yield Strength	IS 1608 Part -1
45	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Penetration of Ferrous & Alloy Products	Horizontal Penetration	IS 822
46	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Penetration of Ferrous & Alloy Products	Throat Height	IS 822
47	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Penetration of Ferrous & Alloy Products	Vertical Penetration	IS 822
48	MECHANICAL-METALLOGRAPHY TEST	Case Depth of Ferrous materials, alloys & products	Determination of Case depth by Microscopic method	IS 6416
49	MECHANICAL-METALLOGRAPHY TEST	Decarburization of Ferrous material & Alloy Products	Determination of Depth of Decarburization by Microscopic Method	IS 6396
50	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non Ferrous Materials	Estimation of Average Grain Size by Microscopic Method by Comparison Method	IS 4748
51	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non Ferrous Materials	Micro-structure Examination	ASM hand Book Vol-09