



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name INSPECTION & TESTING ENGINEERS (LAB DIVISION), F 22-23, SITE C, SURAJPUR INDUSTRIAL AREA, UPSIDC, GREATER NOIDA, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5670 Page No. : 1 / 9

Validity 24/05/2019 to 23/05/2021 Last Amended on 24/06/2019

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	Low Alloy Steel & Carbon Steel	Carbon	IS 8811: 2012
2	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Carbon	ASTM E 415: 2015
3	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Chromium	IS 8811: 2012
4	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Chromium	ASTM E 415: 2015
5	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Copper	IS 8811: 2012
6	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Copper	ASTM E 415: 2015
7	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Manganese	IS 8811: 2012
8	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Manganese	ASTM E 415: 2015
9	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Molybdenum	IS 8811: 2012
10	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Molybdenum	ASTM E 415: 2015
11	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Nickel	IS 8811: 2012
12	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Nickel	ASTM E 415: 2015
13	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Phosphorus	ASTM E 415: 2015



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14	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Phosphorus	IS 8811: 2012
15	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Silicon	IS 8811: 2012
16	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Silicon	ASTM E 415: 2015
17	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Sulphur	IS 8811: 2012
18	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Sulphur	ASTM E 415: 2015
19	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879: 2015
20	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E 1086: 2014
21	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879: 2015
22	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E 1086: 2014
23	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879: 2015
24	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E 1086: 2014
25	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879: 2015
26	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E 1086: 2014



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27	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879: 2015
28	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E 1086: 2014
29	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879: 2015
30	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E 1086: 2014
31	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 9879: 2015
32	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E 1086: 2014
33	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879: 2015
34	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E 1086: 2014
35	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879: 2015
36	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E 1086: 2014
37	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Bend Test	IS 1599: 2012
38	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Bend Test	ASTM A 370: 2018



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39	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Charpy Impact- U notch, V notch (Ambient to -80 degree C)	IS 1757 (Part 1): 2014
40	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Charpy Impact- U notch, V notch (Ambient to -80 degree C)	ASTM A 370: 2018
41	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Elongation	IS 1608: 2018
42	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Elongation	ASTM A 370: 2018
43	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Flattening Test	IS 2328: 2005
44	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Flattening Test	ASTM A 530: 2018
45	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	IZOD Impact	IS 1598: 1997



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46	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Re-bend Test	IS 1786: 2008
47	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Rockwell Hardness- Scale B	IS 1586 (Part 1): 2018
48	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Rockwell Hardness- Scale B	ASTM A 370: 2018
49	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Rockwell Hardness- Scale C	ASTM A 370: 2018
50	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Rockwell Hardness- Scale C	IS 1586 (Part 1): 2018
51	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Tensile Strength	IS 1608: 2018
52	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Tensile Strength	ASTM A 370: 2018



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53	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Vickers Hardness	IS 1501 (Part 1): 2013
54	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Vickers Hardness	ASTM A 370: 2018
55	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Yield Strength	IS 1608: 2018
56	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Yield Strength	ASTM A 370: 2018
57	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals, Aluminium, Copper and Nickel alloys	Elongation	IS 1608: 2018
58	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals, Aluminium, Copper and Nickel alloys	Tensile Strength	IS 1608: 2018
59	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals, Aluminium, Copper and Nickel alloys	Vickers Hardness	IS 1501 (Part 1): 2013



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60	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals, Aluminium, Copper and Nickel alloys	Yield Strength	IS 1608: 2018
61	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Bend Test	ASME Section IX: 2017
62	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Bend Test	AWS D1.1: 2015
63	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Charpy Impact- U notch, V notch (Ambient to -80 degree C)	ASME Section IX: 2017
64	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Charpy Impact- U notch, V notch (Ambient to -80 degree C)	AWS D1.1: 2015
65	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Elongation	ASME Section IX: 2017
66	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Elongation	AWS D1.1: 2015



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67	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Fracture Test	ASME Section IX: 2017
68	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Fracture Test	AWS D1.1: 2015
69	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Macro Examination	ASME Section IX: 2017
70	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Macro Examination	AWS D1.1: 2015
71	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Tensile Strength	ASME Section IX: 2017
72	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Tensile Strength	AWS D1.1: 2015
73	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Yield Strength	ASME Section IX: 2017



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74	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Yield Strength	AWS D1.1: 2015
75	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of non-ferrous materials, Aluminium and Nickel alloys	Elongation	ASME Section IX: 2017
76	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of non-ferrous materials, Aluminium and Nickel alloys	Elongation	AWS D1.1: 2015
77	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of non-ferrous materials, Aluminium and Nickel alloys	Tensile Strength	ASME Section IX: 2017
78	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of non-ferrous materials, Aluminium and Nickel alloys	Tensile strength	AWS D1.1: 2015
79	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of non-ferrous materials, Aluminium and Nickel alloys	Yield Strength	ASME Section IX: 2017
80	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of non-ferrous materials, Aluminium and Nickel alloys	Yield Strength	AWS D1.1: 2015