



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**TESTING LABORATORY, JINDAL STAINLESS (HISAR)
LIMITED**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

CHEMICAL LAB, O.P. JINDAL MARG, HISAR, HARYANA, INDIA

in the field of

TESTING

Certificate Number: TC-7074

Issue Date: 08/04/2020

Valid Until:

07/04/2022

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



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SCOPE OF ACCREDITATION

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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
LOCATION 1-CHEMICAL LAB, O.P. JINDAL MARG, HISAR, HARYANA, INDIA Permanent Facility				
1	CHEMICAL- METALS & ALLOYS	stainless steel	ALUMINIUM	JIS G 1253
2	CHEMICAL- METALS & ALLOYS	Stainless Steel	ALUMINIUM	ASTM E 1086
3	CHEMICAL- METALS & ALLOYS	Stainless Steel	CARBON	ASTM E 1019
4	CHEMICAL- METALS & ALLOYS	stainless steel	CARBON	ASTM E 1019
5	CHEMICAL- METALS & ALLOYS	stainless steel	CARBON	ASTM E 1086
6	CHEMICAL- METALS & ALLOYS	stainless steel	CARBON	JIS G 1253
7	CHEMICAL- METALS & ALLOYS	stainless steel	CHROMIUM	ASTM E 1086
8	CHEMICAL- METALS & ALLOYS	stainless steel	CHROMIUM	JIS G 1253
9	CHEMICAL- METALS & ALLOYS	stainless steel	COBALT	ASTM E 1086
10	CHEMICAL- METALS & ALLOYS	stainless steel	COBALT	JIS G 1253
11	CHEMICAL- METALS & ALLOYS	Stainless Steel	COPPER	ASTM E 1086
12	CHEMICAL- METALS & ALLOYS	stainless steel	COPPER	JIS G 1253
13	CHEMICAL- METALS & ALLOYS	stainless steel	Hydrogen	ASTM E 1019



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14	CHEMICAL- METALS & ALLOYS	stainless steel	LEAD	ASTM E 1086
15	CHEMICAL- METALS & ALLOYS	stainless steel	LEAD	JIS G 1253
16	CHEMICAL- METALS & ALLOYS	stainless steel	MANGANESE	ASTM E 1086
17	CHEMICAL- METALS & ALLOYS	stainless steel	MANGANESE	JIS G 1253
18	CHEMICAL- METALS & ALLOYS	stainless steel	MANGANESE	JIS G 1253
19	CHEMICAL- METALS & ALLOYS	stainless steel	MOLYBDENUM	ASTM E 1086
20	CHEMICAL- METALS & ALLOYS	stainless steel	MOLYBDENUM	JIS G 1253
21	CHEMICAL- METALS & ALLOYS	stainless steel	NICKEL	ASTM E 1086
22	CHEMICAL- METALS & ALLOYS	stainless steel	NICKEL	JIS G 1253
23	CHEMICAL- METALS & ALLOYS	stainless steel	NIObIUM/COLUMBIUM	ASTM E 1086
24	CHEMICAL- METALS & ALLOYS	stainless steel	NIObIUM/COLUMBIUM	JIS G 1253
25	CHEMICAL- METALS & ALLOYS	stainless steel	NITROGEN	ASTM E 1019
26	CHEMICAL- METALS & ALLOYS	stainless steel	NITROGEN	ASTM E 1019
27	CHEMICAL- METALS & ALLOYS	stainless steel	NITROGEN	ASTM E 1019



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28	CHEMICAL- METALS & ALLOYS	stainless steel	NITROGEN	JIS G 1253
29	CHEMICAL- METALS & ALLOYS	Stainless steel	Oxygen	ASTM E 1019
30	CHEMICAL- METALS & ALLOYS	stainless steel	PHOSPHOROUS	ASTM E 1086
31	CHEMICAL- METALS & ALLOYS	stainless steel	PHOSPHOROUS	JIS G 1253
32	CHEMICAL- METALS & ALLOYS	stainless steel	SILICON	ASTM E 1086
33	CHEMICAL- METALS & ALLOYS	stainless steel	SILICON	JIS G 1253
34	CHEMICAL- METALS & ALLOYS	stainless steel	SULPHUR	ASTM E 1019
35	CHEMICAL- METALS & ALLOYS	stainless steel	SULPHUR	ASTM E 1086
36	CHEMICAL- METALS & ALLOYS	stainless steel	SULPHUR	JIS G 1253
37	CHEMICAL- METALS & ALLOYS	stainless steel	TIN	ASTM E 1086
38	CHEMICAL- METALS & ALLOYS	stainless steel	TIN	JIS G 1253
39	CHEMICAL- METALS & ALLOYS	stainless steel	TITANIUM	ASTM E 1086
40	CHEMICAL- METALS & ALLOYS	stainless steel	TITANIUM	JIS G 1253
41	CHEMICAL- METALS & ALLOYS	stainless steel	TUNGSTEN	ASTM E 1086



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42	CHEMICAL- METALS & ALLOYS	stainless steel	TUNGSTEN	JIS G 1253
43	CHEMICAL- METALS & ALLOYS	stainless steel	VANADIUM	ASTM E 1086
44	CHEMICAL- METALS & ALLOYS	stainless steel	VANADIUM	JIS G1253



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LOCATION 2 - MECHANICAL AND METALLURGICAL TESTING LABORATORY(HRD), HISAR, HARYANA, INDIA Permanent Facility				
1	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	% Elongation	ASTM A 370
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	% Elongation	ASTM E8
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	% Elongation	IS: 1608 (Part-1)
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	% Reduction area	ASTM A 370
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	% Reduction area	ASTM E8
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	% Reduction area	IS: 1608 (Part-1)
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	0.2% proof stress /Yield strength	ASTM A 370
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	0.2% proof stress /Yield strength	ASTM E8
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	0.2% proof stress /Yield strength	IS: 1608 (Part-1)



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10	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Bend Test	ASTM A 370
11	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Bend Test	ASTM E 290
12	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Bend Test	IS 1599
13	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Brinell Hardness	ASTM A 370
14	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Brinell Hardness	ASTM E10
15	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Brinell Hardness	IS 1500 (Part-1)
16	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Charpy impact test V Notch (At ambient temp. & up to -196°C)	IS: 1757(Part -1)
17	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Charpy impact test V Notch(At ambient temp. & up to -196deg. C)	ASTM A 370
18	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Charpy impact test V Notch(At ambient temp. & up to -196deg. C)	ASTM E 23
19	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Charpy impact test V Notch(At ambient temp. & up to -196deg. C)	ISO 148-1



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20	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Rockwell Hardness Scale "B"	IS: 1586(Part 1)
21	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Rockwell Hardness Scale " B"	ASTM A 370
22	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Rockwell Hardness Scale " B"	ASTM E18
23	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Rockwell Hardness Scale " C"	ASTM A 370
24	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Rockwell Hardness Scale " C"	ASTM E18
25	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Rockwell Hardness Scale " C"	IS: 1586(Part 1)
26	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Tensile Strength	ASTM A 370
27	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Tensile Strength	ASTM E8
28	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Tensile Strength	IS: 1608 Part-1
29	MECHANICAL- METALLOGRAPHY TEST	Ferrous Material Alloys & Products	Determining Volume Fraction by Systematic Manual Point Count	ASTM E562



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30	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material Alloys & Products	Detrimental Intermetallic Phase in Duplex Austenitic/Ferritic Stainless Steels(Method A)	ASTM A923
31	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material Alloys & Products	Estimation of grain size by Microscopic comparison method	ASTM E-112
32	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material Alloys & Products	Estimation of grain size by Microscopic comparison method	IS:4748
33	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material Alloys & Products	Intergranular corrosion test as per Method A	ISO 3651-2
34	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material Alloys & Products	Intergranular test in Austenitic Stainless Steels (Practice A and practice E)	ASTM A 262
35	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material Alloys & Products	Intergranular testing Austenitic Stainless Steel (Practice A and practice E)	IS 10461-2
36	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material Alloys & Products	Non metallic Inclusion Rating - Method A & E	ASTM E-45
37	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material Alloys & Products	Non metallic Inclusion Rating - Method A & E	IS: 4163



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LOCATION 3 - MECHANICAL TESTING LABORATORY(CRD), HISAR, HARYANA, INDIA Permanent Facility				
1	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	% Elongation	ASTM A 370
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	% Elongation	ASTM E 8
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	% Elongation	DIN EN ISO 6892-1
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	% Elongation	IS: 1608 (Part-1)
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	0.2% proof stress / Yield strength	ASTM A 370
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	0.2% proof stress / Yield strength	ASTM E 8
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	0.2% proof stress / Yield strength	DIN EN ISO 6892-1
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	0.2% proof stress / Yield strength	IS : 1608 (Part-1)
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	1.0% proof stress / Yield strength	ASTM A 370



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10	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	1.0% proof stress / Yield strength	ASTM E 8
11	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	1.0% proof stress / Yield strength	DIN EN ISO 6892-1
12	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	1.0% proof stress / Yield strength	IS : 1608 (Part-1)
13	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Rockwell Hardness Scale - C	ASTM E 18
14	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Rockwell Hardness Scale- C	IS : 1586 (Part 1)
15	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Rockwell Hardness Scale-B	ASTM E18
16	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Rockwell Hardness Scale-B	IS : 1586 (Part 1)
17	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Tensile Strength	ASTM A 370
18	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Tensile Strength	ASTM E 8
19	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Tensile Strength	DIN EN ISO 6892-1



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20	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Tensile Strength	IS: 1608 (Part-1)
21	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Vickers Hardness 0.50Kg	ASTM E 92
22	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Vickers Hardness 0.50Kg	IS 1501 (Part 1)
23	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Vickers Hardness 1.0Kg	ASTM E 92
24	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Vickers Hardness 1.0Kg	IS 1501 (Part-1)
25	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Vickers Hardness 10.0Kg	ASTM E 92
26	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Vickers Hardness 10.0Kg	IS 1501 (Part 1)
27	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Vickers Hardness 2.0Kg	ASTM E 92
28	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Vickers Hardness 2.0Kg	IS 1501 - Part 1
29	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Vickers Hardness 20.0Kg	ASTM E 92



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30	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Vickers Hardness 20.0Kg	IS 1501 - Part 1
31	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Vickers Hardness 30.0kg	ASTM E 92
32	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Vickers Hardness 30.0Kg	IS 1501 (Part -1)
33	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Vickers Hardness 5.0Kg	ASTM E 92
34	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material Alloys & Products	Vickers Hardness 5.0Kg	IS 1501 (Part- 1)