National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : METALLURGICAL TESTING CENTRE (A UNIT OF JONEJA BRIGHT STEELS PVT. LTD.), PLOT NO 239 ,SEC-24, FARIDABAD, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6208 **Page No** 1 of 4

Validity 29/09/2022 to 28/09/2024 **Last Amended on** 04/01/2023

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	Ferrous and non ferrous product	Salt spray test	IS9844
2	CHEMICAL- METALS & ALLOYS	Carbon steel(low carbon ,medium carbon & high carbon steel)	Boron(B)	ASTM E415
3	CHEMICAL- METALS & ALLOYS	Carbon steel(low carbon ,medium carbon & high carbon steel)	Lead(Pb)	ASTM E415
4	CHEMICAL- METALS & ALLOYS	Carbon steel(low carbon ,medium carbon & high carbon steel)	Phosphorus(P)	ASTM E415
5	CHEMICAL- METALS & ALLOYS	Carbon steel(low carbon steel ,medium carbon steel&high carbon steel)	Chromium(Cr)	ASTM E415
6	CHEMICAL- METALS & ALLOYS	Carbon steel(low carbon steel,medium carbon & high carbon steel	Nickel(Ni)	ASTM E415
7	CHEMICAL- METALS & ALLOYS	Carbon steel(low carbon steel,medium carbon steel &high carbon steel	Silicon(Si)	ASTM E415
8	CHEMICAL- METALS & ALLOYS	Carbon steel(low carbon steel,medium carbon steel& high carbon steel)	Aluminum(Al)	ASTM E415
9	CHEMICAL- METALS & ALLOYS	Carbon steel(low carbon steel,medium carbon steel& high carbon steel)	Sulfur(S)	ASTM E415
10	CHEMICAL- METALS & ALLOYS	Carbon steel(low carbon steel,medium carbon steel&high carbon steel	Molybdenum(Mo)	ASTM E415
11	CHEMICAL- METALS & ALLOYS	Carbon steel(low carbon steel.medium carbon & high carbon steel)	Manganese(Mn)	ASTM E415
12	CHEMICAL- METALS & ALLOYS	Carbon steel(low carbon.medium carbon & high carbon steel	Carbon(C)	ASTM E415
13	CHEMICAL- METALS & ALLOYS	Stainless steel	Aluminum(Al)	JIS G1253
14	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon(C)	ASTM E1086
15	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium(Cr)	ASTM E1086
16	CHEMICAL- METALS & ALLOYS	Stainless steel	Cobalt(Co)	JIS G1253
17	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper(Cu)	ASTM E1086
18	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese(Mn)	ASTM E1086

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19	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum(Mo)	ASTM E1086
20	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel(Ni)	ASTM E1086
21	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium(Nb)	JIS G1253
22	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorous(P)	ASTM E1086
23	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon(Si)	ASTM E1086
24	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur(S)	ASTM E1086
25	CHEMICAL- METALS & ALLOYS	Stainless steel	Titanium(Ti)	JIS G1253
26	CHEMICAL- METALS & ALLOYS	Stainless steel	Vanadium(V)	JIS G1253
27	CHEMICAL- METALS & ALLOYS	Tool & Die steel	Carbon(C)	JIS G1253
28	CHEMICAL- METALS & ALLOYS	Tool steel & Die steel	Phosphorus(P)	JIS G1253
29	CHEMICAL- METALS & ALLOYS	Tool steel & Die steel	Aluminum(Al)	JIS G1253
30	CHEMICAL- METALS & ALLOYS	Tool steel & Die steel	Chromium(Cr)	JIS G1253
31	CHEMICAL- METALS & ALLOYS	Tool steel & die steel	Cobalt(Co)	JIS G1253
32	CHEMICAL- METALS & ALLOYS	Tool steel & die steel	Copper(Cu)	JIS G1253
33	CHEMICAL- METALS & ALLOYS	Tool steel & Die Steel	Molybdenum(Mo)	JIS G1253
34	CHEMICAL- METALS & ALLOYS	Tool steel & Die steel	Nickel(Ni)	JIS G1253
35	CHEMICAL- METALS & ALLOYS	Tool steel & Die steel	Niobium(Nb)	JIS G1253
36	CHEMICAL- METALS & ALLOYS	Tool steel & Die steel	Silicon(Si)	JIS G1253
37	CHEMICAL- METALS & ALLOYS	Tool steel & Die steel	Titanium(Ti)	JIS G1253

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38	CHEMICAL- METALS & ALLOYS	Tool steel & Die steel	Vanadium(V)	JIS G1253
39	CHEMICAL- METALS & ALLOYS	Tool steel and Die steel	Manganese(Mn)	JIS G1253
40	CHEMICAL- METALS & ALLOYS	Tool steel and Die steel	Sulphur(S)	JIS G1253
41	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material , alloys & Products	Yield Strength	IS1608
42	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material ,alloys & product	Tensile strength	IS1608
43	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material ,alloys & products	Yield Strength	IS1608
44	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material . alloys & products	Elongation	IS1608
45	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material . alloys &products	Tensile Strength	IS1608
46	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material . alloys& Product	Tensile Strength	IS1608
47	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material .alloys& product	Tensile Strength	IS1608
48	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material, alloys & Product	Reduction Area	IS1608
49	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product	Yield Strength	IS1608
50	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness test	Brinnel Hardness	IS1500(P-1)
51	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness test	Micro Vickers Hardness	IS1501(P-1)

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52	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness test	Rockwell Hardness (B)	IS1586(P-1)
53	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Test	Rockwell Hardness(C)	IS1586(P-1)
54	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Test	Vicker Hardness	IS 1501(Part1)
55	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Test	Vickers Hardness	IS1501
56	MECHANICAL-METALLOGRAPHY TEST	Ferrous material , alloys & products	Depth of Decarburization	IS 6396
57	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	CASE DEPTH	IS 6416
58	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials. alloy & product	Ferritic grain size (untwined grain)	IS 4748