National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BHAGWATI STEEL CAST PVT. LTD., PLOT NO. D-101, MIDC MALEGAON, NASHIK, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9092 **Page No** 1 of 3

Validity 10/11/2022 to 09/11/2024 **Last Amended on** 02/12/2022

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- METALS & ALLOYS	Carbon Steel	Aluminium	ASTM E415
2	CHEMICAL- METALS & ALLOYS	Carbon steel	Aluminium	IS 8811
3	CHEMICAL- METALS & ALLOYS	Carbon Steel	Carbon	ASTM E415
4	CHEMICAL- METALS & ALLOYS	Carbon steel	Carbon	IS 8811
5	CHEMICAL- METALS & ALLOYS	Carbon Steel	Carbon Equivalent	ASTM E415
6	CHEMICAL- METALS & ALLOYS	Carbon Steel	Carbon Equivalent	IS 8811
7	CHEMICAL- METALS & ALLOYS	Carbon Steel	Chromium	ASTM E415
8	CHEMICAL- METALS & ALLOYS	Carbon steel	Chromium	IS 8811
9	CHEMICAL- METALS & ALLOYS	Carbon Steel	Copper	ASTM E415
10	CHEMICAL- METALS & ALLOYS	carbon steel	Copper	IS 8811
11	CHEMICAL- METALS & ALLOYS	Carbon Steel	Manganese	ASTM E415
12	CHEMICAL- METALS & ALLOYS	Carbon Steel	Manganese	IS 8811
13	CHEMICAL- METALS & ALLOYS	Carbon Steel	Molybdenum	ASTM E415
14	CHEMICAL- METALS & ALLOYS	Carbon Steel	Molybdenum	IS 8811
15	CHEMICAL- METALS & ALLOYS	Carbon Steel	Nickel	ASTM E415
16	CHEMICAL- METALS & ALLOYS	carbon steel	Nickel	IS 8811
17	CHEMICAL- METALS & ALLOYS	Carbon Steel	Niobium	ASTM E415
18	CHEMICAL- METALS & ALLOYS	Carbon Steel	Niobium	IS 8811

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Validity 10/11/2022 to 09/11/2024 **Last Amended on** 02/12/2022

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
19	CHEMICAL- METALS & ALLOYS	Carbon Steel	Phosphorus	ASTM E415
20	CHEMICAL- METALS & ALLOYS	Carbon Steel	Phosphorus	IS 8811
21	CHEMICAL- METALS & ALLOYS	Carbon Steel	S + P	ASTM E415
22	CHEMICAL- METALS & ALLOYS	Carbon Steel	S+P	IS 8811
23	CHEMICAL- METALS & ALLOYS	Carbon Steel	Silicon	ASTM E415
24	CHEMICAL- METALS & ALLOYS	Carbon steel	Silicon	IS 8811
25	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulphur	ASTM E415
26	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulphur	IS 8811
27	CHEMICAL- METALS & ALLOYS	Carbon Steel	Vanadium	ASTM E415
28	CHEMICAL- METALS & ALLOYS	Carbon steel	Vanadium	IS 8811
29	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Billet	Dimention	Lab develop methodBSCPL/TP/12
30	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon steel	% ELONGATION	IS 1608 part1
31	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel	Bend Test	ASTM A370
32	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon steel	Bend Test	IS 1599
33	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon steel	Bend Test	IS 2830
34	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon steel	Camber	IS 2830

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35	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel	Cross sectional area	IS 1608
36	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel	Elongation	ASTM A370
37	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel	Mass Per Meter	IS 1608
38	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon steel	Rebend Test	IS 1786
39	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel	Total Elongation at max force	ASTM A370
40	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel	Total Elongation at max force	IS 1608
41	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel	TS/YS ratio	IS 1608
42	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel	UTS	ASTM A370
43	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon steel	UTS	IS 1608 part1
44	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon steel	Yield Stress	IS 1608 part1
45	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel	Yield Stress/Proof Stress	ASTM A370