National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ATLANTA METALLURGICAL SERVICES, GAT NO 194, HANUMAN NAGAR, SHIYE, MIDC SHIROLI, KOLHAPUR, MAHARASHTRA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8410
Page No	1 of 7
Validity	28/03/2022 to 27/03/2024
Last Amended on	29/03/2022

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	Cast Iron / S.G. iron	Aluminum	IS 15338
2	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Carbon	ASTM E 1999
3	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Carbon	IS 15338
4	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Chromium	ASTM E 1999
5	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Chromium	IS 15338
6	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Copper	ASTM E 1999
7	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Copper	IS 15338
8	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Manganese	ASTM E 1999
9	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Manganese	IS 15338
10	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Molybdenum	ASTM E 1999
11	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Molybdenum	IS 15338
12	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Nickel	ASTM E 1999
13	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Nickel	IS 15338
14	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Phosphorus	ASTM E 1999
15	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Phosphorus	IS 15338
16	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Silicon	ASTM E 1999
17	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Silicon	IS 15338
18	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Sulphur	ASTM E 1999

SCOPE OF ACCREDITATION

Laboratory Name :	ATLANTA METALLURGICAL SERVICES, GAT NO 194, HANUMAN NAGAR, SHIYE, MIDC SHIROLI, KOLHAPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8410	**Page No**	2 of 7
Validity	28/03/2022 to 27/03/2024	**Last Amended on**	29/03/2022

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	Cast Iron / S.G. iron	Sulphur	IS 15338
20	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Tin	ASTM E 1999
21	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Titanium	ASTM E 1999
22	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Vanadium	ASTM E 1999
23	CHEMICAL- METALS & ALLOYS	Cast Iron / S.G. iron	Vanadium	IS 15338
24	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminum	ASTM E 415
25	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminum	IS 8811
26	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Boron	ASTM E 415
27	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Boron	IS 8811
28	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	ASTM E 415
29	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	IS 8811
30	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium	ASTM E 415
31	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium	IS 8811
32	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper	ASTM E 415
33	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper	IS 8811
34	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	ASTM E 415
35	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	IS 8811
36	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	ASTM E 415
37	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	IS 8811

SCOPE OF ACCREDITATION

Laboratory Name : ATLANTA METALLURGICAL SERVICES, GAT NO 194, HANUMAN NAGAR, SHIYE, MIDC SHIROLI, KOLHAPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8410 **Page No** 3 of 7

Validity 28/03/2022 to 27/03/2024 **Last Amended on** 29/03/2022

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
38	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel	ASTM E 415
39	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel	IS 8811
40	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorus	ASTM E 415
41	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorus	IS 8811
42	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	ASTM E 415
43	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	IS 8811
44	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	ASTM E 415
45	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	IS 8811
46	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E 1086
47	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
48	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E 1086
49	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
50	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E 1086
51	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
52	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E 1086
53	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
54	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E 1086
55	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
56	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086

SCOPE OF ACCREDITATION

Laboratory Name :	ATLANTA METALLURGICAL SERVICES, GAT NO 194, HANUMAN NAGAR, SHIYE, MIDC SHIROLI, KOLHAPUR, MAHARASHTRA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8410
Page No	4 of 7
Validity	28/03/2022 to 27/03/2024
Last Amended on	29/03/2022

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
57	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
58	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E 1086
59	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 9879
60	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E 1086
61	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
62	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E 1086
63	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
64	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	0.2 % Proof Stress	IS 1608 Part 1
65	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	0.2% Proof Stress	ASTM E8/E8M
66	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Elongation	ASTM A370
67	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Elongation	ASTM E8/E8M
68	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Elongation	IS 1608 Part 1
69	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Elongation	ISO 6892-1
70	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Reduction Area	ASTM A370
71	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Reduction Area	ASTM E8/E8M

SCOPE OF ACCREDITATION

Laboratory Name : ATLANTA METALLURGICAL SERVICES, GAT NO 194, HANUMAN NAGAR, SHIYE, MIDC SHIROLI, KOLHAPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8410 **Page No** 5 of 7

Validity 28/03/2022 to 27/03/2024 **Last Amended on** 29/03/2022

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
72	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Reduction Area	IS 1608 Part 1
73	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Reduction Area	ISO 6892-1
74	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	0.2% Proof Stress	ASTM A370
75	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	0.2% Proof Stress	ISO 6892-1
76	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness (10 mm Ball / 3000 Kgf load)	IS 1500-Part 1
77	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness (10mm Ball / 3000 Kgf load)	ASTM E10
78	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness (10mm Ball / 3000 Kgf load)	ISO 6506-1
79	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness (5 mm Ball / 750 Kgf load)	IS 1500-Part 1
80	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness (5mm Ball / 750 Kfg load)	ISO 6506-1
81	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness (5mm Ball / 750 Kgf Load)	ASTM E10
82	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Charpy Impact-V Notch (At Room Temp.)	ASTM A370
83	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Charpy Impact-V Notch (At Room Temp.)	ASTM E23
84	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Charpy Impact-V Notch (Sub Zero-Up to -50°C)	ASTM A370
85	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Charpy Impact-V Notch (Sub Zero-Upto -50°C)	ASTM E23

SCOPE OF ACCREDITATION

Laboratory Name : ATLANTA METALLURGICAL SERVICES, GAT NO 194, HANUMAN NAGAR, SHIYE, MIDC SHIROLI, KOLHAPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8410 **Page No** 6 of 7

Validity 28/03/2022 to 27/03/2024 **Last Amended on** 29/03/2022

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
86	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness (B Scale)	ASTM E18
87	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness (B Scale)	IS 1586-Part 1
88	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness (C Scale)	ASTM E18
89	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness (C Scale)	IS 1586-Part 1
90	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Strength UTS	ASTM A370
91	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Strength UTS	ASTM E8/E8M
92	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Strength UTS	IS 1608 Part 1
93	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Strength UTS	ISO 6892-1
94	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Yield Stress	ASTM E8/E8M
95	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Yield Stress	IS 1608-Part 1
96	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Yield Stress	ISO 6892-1
97	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Graphite type, distribution & size	ASTM A 247
98	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Graphite Type, Distribution & Size	IS 7754
99	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, alloys and products	Inclusion rating (A & B)	IS 4163
100	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, alloys and products	Microstructural Analysis	ASM Handbook Vol. 9

SCOPE OF ACCREDITATION

Laboratory Name :	ATLANTA METALLURGICAL SERVICES, GAT NO 194, HANUMAN NAGAR, SHIYE, MIDC SHIROLI, KOLHAPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8410	**Page No**	7 of 7
Validity	28/03/2022 to 27/03/2024	**Last Amended on**	29/03/2022

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
101	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Grain Size(Comparison Method)	ASTM E 112
102	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Grain Size(Comparison Method)	IS 4748
103	MECHANICAL-METALLOGRAPHY TEST	Multi-phase Metals & Alloys	Volume Fraction of phases	ASTM E 1245
104	MECHANICAL-METALLOGRAPHY TEST	Multi-phase Metals & Alloys	Volume Fraction of phases	ASTM E 562
105	MECHANICAL-METALLOGRAPHY TEST	Nodular Cast Iron	Nodularity	ASTM E 2567
106	MECHANICAL-METALLOGRAPHY TEST	Steel	Coating Thickness (Microscope Method)	IS 3203
107	MECHANICAL-METALLOGRAPHY TEST	Steel	Decarburization Depth	IS 6396