National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : KISCO CASTINGS (INDIA) LIMITED (LAB DIVISION), GURU KI NAGRI, BHADLA ROAD, MANDI GOBINDGARH, FATEHGARH SAHIB, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9519 **Page No** 1 of 10

Validity 10/05/2021 to 09/05/2023 **Last Amended on** -

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	%C	ASTM E1999
2	CHEMICAL- METALS & ALLOYS	Cast Iron	%C	JIS G1253
3	CHEMICAL- METALS & ALLOYS	Cast Iron	%Cr	ASTM E1999
4	CHEMICAL- METALS & ALLOYS	Cast Iron	%Cr	JIS G1253
5	CHEMICAL- METALS & ALLOYS	Cast Iron	%Cu	ASTM E1999
6	CHEMICAL- METALS & ALLOYS	Cast Iron	%Cu	JIS G1253
7	CHEMICAL- METALS & ALLOYS	Cast Iron	%Mn	ASTM E1999
8	CHEMICAL- METALS & ALLOYS	Cast Iron	%Mn	JIS G1253
9	CHEMICAL- METALS & ALLOYS	Cast Iron	%Mo	ASTM E1999
10	CHEMICAL- METALS & ALLOYS	Cast Iron	%Mo	JIS G1253
11	CHEMICAL- METALS & ALLOYS	Cast Iron	%Ni	ASTM E1999
12	CHEMICAL- METALS & ALLOYS	Cast Iron	%Ni	JIS G1253
13	CHEMICAL- METALS & ALLOYS	Cast Iron	%P	ASTM E1999
14	CHEMICAL- METALS & ALLOYS	Cast Iron	%P	JIS G1253
15	CHEMICAL- METALS & ALLOYS	Cast Iron	%S	ASTM E1999
16	CHEMICAL- METALS & ALLOYS	Cast Iron	%S	JIS G1253
17	CHEMICAL- METALS & ALLOYS	Cast Iron	%Si	ASTM E1999
18	CHEMICAL- METALS & ALLOYS	Cast Iron	%Si	JIS G1253

SCOPE OF ACCREDITATION

Laboratory Name : KISCO CASTINGS (INDIA) LIMITED (LAB DIVISION), GURU KI NAGRI, BHADLA ROAD, MANDI GOBINDGARH, FATEHGARH SAHIB, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9519 **Page No** 2 of 10

Validity 10/05/2021 to 09/05/2023 **Last Amended on** -

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	%Sn	ASTM E1999
20	CHEMICAL- METALS & ALLOYS	Cast Iron	%Sn	JIS G1253
21	CHEMICAL- METALS & ALLOYS	Cast Iron	%Ti	ASTM E1999
22	CHEMICAL- METALS & ALLOYS	Cast Iron	%Ti	JIS G1253
23	CHEMICAL- METALS & ALLOYS	Cast Iron	%V	ASTM E1999
24	CHEMICAL- METALS & ALLOYS	Cast Iron	%V	JIS G1253
25	CHEMICAL- METALS & ALLOYS	Chemical-Metal & Alloys (Steel)	Hydrogen (Thermal Conductivity Method)	IS 228-22
26	CHEMICAL- METALS & ALLOYS	Chemical-Metal & Alloys (Steel)	Nitrogen (Thermal Conductivity Method)	ASTM E1019
27	CHEMICAL- METALS & ALLOYS	Chemical-Metal & Alloys (Steel)	Oxygen (Infrared Method)	ASTM E1019
28	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Al	ASTM E415
29	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Al	JIS G1253
30	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%As	ASTM E415
31	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%As	JIS G1253
32	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%B	ASTM E415
33	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%B	JIS G1253
34	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%C	ASTM E415
35	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%C	JIS G1253
36	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Ca	ASTM E415
37	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Ca	JIS G1253

SCOPE OF ACCREDITATION

Laboratory Name : KISCO CASTINGS (INDIA) LIMITED (LAB DIVISION), GURU KI NAGRI, BHADLA ROAD, MANDI GOBINDGARH, FATEHGARH SAHIB, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9519 **Page No** 3 of 10

Validity 10/05/2021 to 09/05/2023 **Last Amended on** -

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	Fe-Base Low Alloy Steel	%Co	ASTM E415
39	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Co	JIS G1253
40	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Cr	ASTM E415
41	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Cr	JIS G1253
42	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Cu	ASTM E415
43	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Cu	JIS G1253
44	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Mn	ASTM E415
45	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Mn	JIS G1253
46	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Mo	ASTM E415
47	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Mo	JIS G1253
48	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%N	ASTM E4115
49	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%N	JIS G1253
50	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Nb	ASTM E415
51	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Nb	JIS G1253
52	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Ni	ASTM E415
53	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Ni	JIS G 1253
54	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%P	ASTM E415
55	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%P	JIS G1253
56	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%S	ASTM E415

SCOPE OF ACCREDITATION

Laboratory Name : KISCO CASTINGS (INDIA) LIMITED (LAB DIVISION), GURU KI NAGRI, BHADLA ROAD, MANDI GOBINDGARH, FATEHGARH SAHIB, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9519 **Page No** 4 of 10

Validity 10/05/2021 to 09/05/2023 **Last Amended on** -

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	Fe-Base Low Alloy Steel	%S	JIS G1253
58	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Sb	ASTM E415
59	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Sb	JIS G1253
60	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Si	ASTM E415
61	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Si	JIS G1253
62	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Sn	ASTM E415
63	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Sn	JIS G1253
64	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Ti	ASTM E415
65	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%Ti	JIS G1253
66	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%V	ASTM E415
67	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloy Steel	%V	JIS G1253
68	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloys Steel	%Al	IS 8811
69	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloys Steel	%As	IS 8811
70	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloys Steel	%B	IS 8811
71	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloys Steel	%C	IS 8811
72	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloys Steel	%Co	IS 8811
73	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloys Steel	%Cr	IS 8811
74	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloys Steel	%Cu	IS 8811
75	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloys Steel	%Mn	IS 8811

SCOPE OF ACCREDITATION

Laboratory Name : KISCO CASTINGS (INDIA) LIMITED (LAB DIVISION), GURU KI NAGRI, BHADLA ROAD, MANDI GOBINDGARH, FATEHGARH SAHIB, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9519 **Page No** 5 of 10

Validity 10/05/2021 to 09/05/2023 **Last Amended on** -

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
76	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloys Steel	%Mo	IS 8811
77	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloys Steel	%Nb	IS 8811
78	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloys Steel	%Ni	IS 8811
79	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloys Steel	%P	IS 8811
80	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloys Steel	%S	IS 8811
81	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloys Steel	%Si	IS 8811
82	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloys Steel	%Sn	IS 8811
83	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloys Steel	%Ti	IS 8811
84	CHEMICAL- METALS & ALLOYS	Fe-Base Low Alloys Steel	%V	IS 8811
85	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Al	IS 9879
86	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Al	JIS G1253
87	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%As	IS 9879
88	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%As	JIS G1253
89	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%B	IS 9879
90	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%B	JIS G1253
91	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%C	ASTM E1086
92	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%C	IS 9879
93	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%C	JIS G1253
94	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Cr	ASTM E1086

SCOPE OF ACCREDITATION

Laboratory Name : KISCO CASTINGS (INDIA) LIMITED (LAB DIVISION), GURU KI NAGRI, BHADLA ROAD, MANDI GOBINDGARH, FATEHGARH SAHIB, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9519 **Page No** 6 of 10

Validity 10/05/2021 to 09/05/2023 **Last Amended on** -

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
95	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Cr	IS 9879
96	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Cr	JIS G1253
97	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Cu	ASTM E1086
98	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Cu	IS 9879
99	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Cu	JIS G1253
100	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Mn	ASTM E1086
101	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Mn	IS 9879
102	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Mn	JIS G1253
103	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Mo	ASTM E1086
104	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Mo	IS 9879
105	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Mo	JIS G1253
106	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%N	IS 9879
107	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%N	JIS G1253
108	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Nb	IS 9879
109	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Nb	JIS G1253
110	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Ni	ASTM E1086
111	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Ni	IS 9879
112	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Ni	JIS G1253
113	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%P	ASTM E1086

SCOPE OF ACCREDITATION

Laboratory Name : KISCO CASTINGS (INDIA) LIMITED (LAB DIVISION), GURU KI NAGRI, BHADLA ROAD, MANDI GOBINDGARH, FATEHGARH SAHIB, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9519 **Page No** 7 of 10

Validity 10/05/2021 to 09/05/2023 **Last Amended on** -

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
114	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%P	IS 9879
115	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%P	JIS G1253
116	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%S	ASTM E1086
117	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%S	IS 9879
118	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%S	JIS G1253
119	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Sb	IS 9879
120	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Sb	JIS G1253
121	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Si	ASTM E1086
122	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Si	IS 9879
123	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Si	JIS G1253
124	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Sn	IS 9879
125	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Sn	JIS G1253
126	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Ti	IS 9879
127	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%Ti	JIS G1253
128	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%V	IS 9879
129	CHEMICAL- METALS & ALLOYS	Fe-Base Stainless Steel	%V	JIS G1253
130	CHEMICAL- METALS & ALLOYS	Steel Samples/Steel Scrap	%C	IS 228-1
131	CHEMICAL- METALS & ALLOYS	Steel Samples/Steel Scrap	%Cr	IS 228-6
132	CHEMICAL- METALS & ALLOYS	Steel Samples/Steel Scrap	%Mn	IS 228-2

SCOPE OF ACCREDITATION

Laboratory Name : KISCO CASTINGS (INDIA) LIMITED (LAB DIVISION), GURU KI NAGRI, BHADLA ROAD, MANDI GOBINDGARH, FATEHGARH SAHIB, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9519 **Page No** 8 of 10

Validity 10/05/2021 to 09/05/2023 **Last Amended on** -

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
133	CHEMICAL- METALS & ALLOYS	Steel Samples/Steel Scrap	%Ni	IS 228-5
134	CHEMICAL- METALS & ALLOYS	Steel Samples/Steel Scrap	%P	IS 228-3
135	CHEMICAL- METALS & ALLOYS	Steel Samples/Steel Scrap	%S	IS 228-9
136	CHEMICAL- METALS & ALLOYS	Steel Samples/Steel Scrap	%Si	IS 228-8
137	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Bars & Forgings	Jominy Hardenability Test	ASTM A255
138	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Bars & Forgings	Jominy Hardenability Test	IS 3848
139	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Bars & Forgings	Bend Test	IS 1599
140	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast iron Bars & Forgings	Rockwell Hardness (1/16" Ball & 100 kgf)	ISO 6508-1
141	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	%Elongation (4D)	ASTM A370
142	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	%Elongation (5D)	DIN EN ISO 6892 pt 1
143	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	%Elongation (5D)	IS 1608-1
144	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	%Reduction in Area (Ra)	ASTM A370
145	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	%Reduction in Area (Ra)	DIN EN ISO 6892 pt 1
146	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	%Reduction in Area (Ra)	IS 1608-1
147	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Brinell Hardness (10mm Ball Dia. at 3000kgf)	IS 1500-1

SCOPE OF ACCREDITATION

Laboratory Name : KISCO CASTINGS (INDIA) LIMITED (LAB DIVISION), GURU KI NAGRI, BHADLA ROAD, MANDI GOBINDGARH, FATEHGARH SAHIB, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9519 **Page No** 9 of 10

Validity 10/05/2021 to 09/05/2023 **Last Amended on** -

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
148	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Brinell Hardness (10mm Ball Dia. at 3000kgf)	ISO 6506-1
149	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Charpy Impact (2mm U-Notch) @RT	IS 1499
150	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Charpy Impact (V-Notch) (Range: From Ambient Temp. to -10 deg. C)	IS 1757-1
151	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Charpy Impact (V-Notch) (Range: From Ambient Temp. to -10 deg. C)	ISO 148-1
152	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Charpy Impact (V-Notch) @RT	IS 1757-1
153	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Charpy Impact (V-Notch) @RT	ISO 148-1
154	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Izod Impact @RT	IS 1598
155	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Proof Stress (0.2%)	ASTM A370
156	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Proof Stress (0.2%)	DIN EN ISO 6892 pt 1
157	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Proof Stress (0.2%)	IS 1608-1
158	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Rockwell Hardness (1/16" Ball & 100 kgf)	IS 1586-1
159	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Rockwell Hardness (Diamond Indentor & 150 kgf)	IS 1586 - pt 1
160	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Rockwell Hardness (Diamond Indentor & 150 kgf)	ISO 6508-1
161	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Tensile Strength (Ts)	ASTM A370

SCOPE OF ACCREDITATION

Laboratory Name : KISCO CASTINGS (INDIA) LIMITED (LAB DIVISION), GURU KI NAGRI, BHADLA ROAD, MANDI GOBINDGARH, FATEHGARH SAHIB, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9519 **Page No** 10 of 10

Validity 10/05/2021 to 09/05/2023 **Last Amended on** -

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
162	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Tensile Strength (Ts)	DIN EN ISO 6892 pt 1
163	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Tensile Strength (Ts)	IS 1608-1
164	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Yield Strength (Ys)	ASTM A370
165	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Yield Strength (Ys)	DIN EN ISO 6892 pt 1
166	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Yield Strength (Ys)	IS 1608-1
167	MECHANICAL-METALLOGRAPHY TEST	Steel Bars & Forgings	Inclusion Rating (Method A)	ASTM E45
168	MECHANICAL-METALLOGRAPHY TEST	Steel, Bars & Forgings	Decarburisation Depth	IS 6396 clause 6
169	MECHANICAL-METALLOGRAPHY TEST	Steel, Bars & Forgings	Decarburisation depth	ISO 3887
170	MECHANICAL-METALLOGRAPHY TEST	Steel, Bars & Forgings	Decarburisation depth	SAE J419
171	MECHANICAL-METALLOGRAPHY TEST	Steel, Bars & Forgings	Inclusion Rating (Method A)	IS 4163
172	MECHANICAL-METALLOGRAPHY TEST	Steel, Bars & Forgings	Inclusion Rating (Method A)	ISO 4967
173	MECHANICAL-METALLOGRAPHY TEST	Steel, Bars & Forgings	Macro Etch Test (Plate-I & Plate-II)	ASTM E381
174	MECHANICAL-METALLOGRAPHY TEST	Steel, Bars & Forgings	Macro Etch Test (Plate-I & Plate-II)	IS 11371
175	MECHANICAL-METALLOGRAPHY TEST	Steel, Stainless Steel, Cast Iron, Bars & Forgings	Ferrite-Pearlite/Martensite-Bainite/Sph. Annealed Structure	ASM HANDBOOK VOL-9