National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : VEEYES FOUNDRY LABORATORY, SF NO 302/1 & 4, KADATHUR PIRIVU, KUNNATHUR, COIMBATORE, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 03/03/2023 to 02/03/2025 **Last Amended on** 09/03/2023

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- METALS & ALLOYS	Low Alloy Steel	Aluminium	ASTM E415
2	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminium	IS 8811
3	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminium	VSF/VAL/FE-LAS
4	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Antimony	ASTM E415
5	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Antimony	VSF/VAL/FE-LAS
6	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Arsenic	ASTM E415
7	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Arsenic	IS 8811
8	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Arsenic	VSF/VAL/FE-LAS
9	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Boron	ASTM E415
10	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Calcium	ASTM E415
11	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	ASTM E415
12	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	IS 8811
13	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium	ASTM E415
14	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium	IS 8811
15	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Cobalt	ASTM E415
16	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Cobalt	IS 8811
17	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Cobalt	VSF/VAL/FE-LAS
18	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper	ASTM E415

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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
19	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper	IS 8811
20	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	ASTM E415
21	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	IS 8811
22	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	ASTM E415
23	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	IS 8811
24	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	VSF/VAL/FE-LAS
25	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel	ASTM E415
26	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel	IS 8811
27	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Niobium	ASTM E415
28	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Niobium	IS 8811
29	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Niobium	VSF/VAL/FE-LAS
30	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nitrogen	ASTM E415
31	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nitrogen	VSF/VAL/FE-LAS
32	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorous	ASTM E415
33	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorous	IS 8811
34	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorous	VSF/VAL/FE-LAS
35	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	ASTM E415
36	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	IS 8811
37	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	ASTM E415

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38	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	IS 8811
39	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Tin	ASTM E415
40	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Tin	IS 8811
41	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Titanium	ASTM E415
42	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Titanium	IS 8811
43	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Titanium	VSF/VAL/FE-LAS
44	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Tungsten	VSF/VAL/FE-LAS
45	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium	ASTM E415
46	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium	IS 8811
47	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium	VSF/VAL/FE-LAS
48	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Zirconium	ASTM E415
49	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Zirconium	IS 8811
50	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Aluminium	ASTM E3047
51	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Aluminium	VSFL/VAL/Ni
52	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Carbon	ASTM E3047
53	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Carbon	VSFL/VAL/Ni
54	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Chromium	ASTM E3047
55	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Chromium	VSFL/VAL/Ni
56	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Cobalt	ASTM E3047

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57	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Copper	ASTM E3047
58	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Copper	VSFL/VAL/Ni
59	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Iron	ASTM E3047
60	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Iron	VSFL/VAL/Ni
61	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Magnesium	ASTM E3047
62	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Manganese	ASTM E3047
63	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Manganese	VSFL/VAL/Ni
64	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Molybdenum	VSFL/VAL/Ni
65	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Niobium	ASTM E3047
66	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Niobium	VSFL/VAL/Ni
67	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Phosphorous	ASTM E3047
68	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Phosphorous	VSFL/VAL/Ni
69	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Silicon	ASTM E3047
70	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Silicon	VSFL/VAL/Ni
71	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Sulphur	VSFL/VAL/Ni
72	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Titanium	ASTM E3047
73	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Titanium	VSFL/VAL/Ni
74	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Tungsten	ASTM E3047
75	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Tungsten	VSFL/VAL/Ni

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76	CHEMICAL- METALS & ALLOYS	Nickel Alloys	Vanadium	ASTM E3047
77	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Aluminium	VSF/VAL/FE-SS
78	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Carbon	ASTM E1086
79	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Carbon	IS 9879
80	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Chromium	VSF/VAL/FE-SS
81	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Chromium	ASTM E1086
82	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Chromium	IS 9879
83	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Cobalt	VSF/VAL/FE-SS
84	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Copper	VSF/VAL/FE-SS
85	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Copper	ASTM E1086
86	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Copper	IS 9879
87	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Manganese	ASTM E1086
88	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Manganese	IS 9879
89	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Molybdenum	ASTM E1086
90	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Molybdenum	IS 9879
91	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Molybdenum	VSF/VAL/FE-SS
92	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Nickel	ASTM E1086
93	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Nickel	IS 9879
94	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Nickel	VSF/VAL/FE-SS

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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
95	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Niobium	VSF/VAL/FE-SS
96	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Nitrogen	IS 228 (Part 23)
97	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Nitrogen	VSF/VAL/FE-SS
98	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Phosphorous	ASTM E1086
99	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Phosphorous	IS 9879
100	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Silicon	ASTM E1086
101	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Silicon	IS 9879
102	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Silicon	VSF/VAL/FE-SS
103	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Sulphur	ASTM E1086
104	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Sulphur	IS 9879
105	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Sulphur	VSF/VAL/FE-SS
106	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Titanium	VSF/VAL/FE-SS
107	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Tungsten	VSF/VAL/FE-SS
108	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Vanadium	VSF/VAL/FE-SS
109	CHEMICAL- METALS & ALLOYS	Stainless Steel / Duplex / Super Duplex Stainless Steel	Zirconium	VSF/VAL/FE-SS
110	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Elongation %	ASTM E8 / E8M
111	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Castings	% Elongation after fracture	ISO 6892 (Part 1)
112	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Reduction of Area (%)	ASTM E8 / E8M

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Laboratory Name :	VEEYES FOUNDRY LABORATORY, SF NO 302/1 & 4, KADATHUR PIRIVU, KUNNATHUR, COIMBATORE, TAMIL NADU, INDIA		
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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
113	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Tensile Strength	IS 1608 (Part 1)
114	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Tensile Strength	ISO 6892 (Part 1)
115	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Yield Strength 0.2% off set Method	ASTM E8 / E8M
116	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Castings	Brinell Hardness Test (HBW 10/3000)	ASTM E10
117	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Castings	Brinell Hardness Test (HBW 10/3000)	IS 1500 (Part 1)
118	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Castings	Brinell Hardness Test (HBW 10/3000)	ISO 6506 (Part 1)
119	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Castings	Charpy Impact Test (RT to -196 Deg C)	ASTM E23
120	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Castings	Charpy Impact Test (RT to -196 Deg C)	ISO 148 (Part 1)
121	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Castings	Rockwell Hardness Test (HRBW)	ASTM E18
122	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Castings	Rockwell Hardness Test (HRC)	ASTM E18
123	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Yield Strength 0.5% off set Method	ASTM E8 / E8M
124	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Reduction of Area (%)	ASTM A370
125	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	% Elongation after fracture	IS 1608 (Part 1)
126	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	% Reduction of Area	IS 1608 (Part 1)

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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
127	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	% Reduction of Area	ISO 6892 (Part 1)
128	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Bend Test	ASTM A370
129	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Bend Test	IS 1599
130	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Elongation %	ASTM A370
131	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Proof Strength 0.2%	IS 1608 (Part 1)
132	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Proof Strength 0.2%	ISO 6892 (Part 1)
133	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Proof Strength 0.5%	IS 1608 (Part 1)
134	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Proof Strength 0.5%	ISO 6892 (Part 1)
135	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Proof Strength 1.0%	IS 1608 (Part 1)
136	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Proof Strength 1.0%	ISO 6892 (Part 1)
137	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Tensile Strength	ASTM A370
138	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Tensile Strength	ASTM E8/8M
139	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Yield Strength 0.2% off set Method	ASTM A370
140	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Yield Strength 0.5% off set Method	ASTM A370

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141	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Yield Strength 1.0% off set Method	ASTM A370
142	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings	Yield Strength 1.0% off set Method	ASTM E8 / E8M
143	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Castings & Welded Plates	Charpy Impact Test (RT to -196 Deg C)	ASTM A370
144	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Castings	Elongation (%)	ASTM E8 / E8M
145	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Castings	Tensile Strength	ASTM E8 / E8M
146	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Castings	Yield Strength (0.2% off set Method)	ASTM E8 / E8M
147	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Castings	Yield Strength 0.5% off set Method	ASTM E8 / E8M
148	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Castings	Yield Strength 1.0% off set Method	ASTM E8 / E8M
149	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Plates	Charpy Impact Test (RT to -196 Deg C)	ASTM E23
150	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Plates	Face/Root/Side Bend Test	ASME SEC IX
151	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Plates	Face/Root/Side Bend Test	ISO 5173
152	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Plates	Tensile Strength	ASME SEC IX
153	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Plates	Tensile Strength	ISO 4136
154	MECHANICAL-METALLOGRAPHY TEST	Carbon Steels & Low Alloys Steels	Inclusion Rating	ASTM E45

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155	MECHANICAL-METALLOGRAPHY TEST	Carbon Steels & Low Alloys Steels	Inclusion Rating	EN 10247
156	MECHANICAL-METALLOGRAPHY TEST	Carbon Steels & Low Alloys Steels	Inclusion Rating	IS 4163
157	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Determination of Volume Fraction of Phase	ASTM E562
158	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Method A- Ferric Chloride Pitting Test	ASTM G48
159	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Method A: Sodium Hydroxide Etch Test (Micro Examination)	ASTM A923
160	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Method C: Ferric Chloride Corrosion Test	ASTM A923
161	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Microstructural Examination	ISO 17781
162	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Castings	Macro Examination	ASTM E 340
163	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Castings	Micro Examination	ASM Metals Hand Book Vol (09)
164	MECHANICAL-METALLOGRAPHY TEST	Nickel Rich Chromium Bearing Alloys	Method A: Ferric Sulfate - Sulfuric Acid Test	ASTM G28
165	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Practice A: Oxalic Acid Etch Test	ASTM A262
166	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Practice B: Ferric Sulfate - Sulfuric Acid Test	ASTM A262
167	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Practice C: Nitric Acid Test	ASTM A262
168	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Practice E: Copper - Copper Sulfate - Sulfuric Acid Test	ASTM A262
169	MECHANICAL-METALLOGRAPHY TEST	Welded Plates & Castings	Macro Examination	ASME SEC IX
170	MECHANICAL-METALLOGRAPHY TEST	Welded Plates & Castings	Macro Examination	ISO 17639