SCOPE OF ACCREDITATION

Laboratory Name : VSP TESTING & CALIBRATION LABORATORY, H-112/9, SHREE ASHTAVINAYAK INDL. PREMISES CO-OP SOCIETY, MIDC AMBAD, NASHIK, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6205 **Page No** 1 of 10

Validity 03/08/2022 to 02/08/2024 **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- CORROSION TESTS	Anodized Products / Panels / Raw Materials	Salt Spray Test	ASTM B117
2	CHEMICAL- CORROSION TESTS	Coated Products / Panels / Raw Materials	Salt Spray Test	ASTM B117
3	CHEMICAL- CORROSION TESTS	Galvanized Products / Panels / Raw Materials	Salt Spray Test	ASTM B117
4	CHEMICAL- CORROSION TESTS	Mettalic products and Raw Materials	Salt Spray Test	ASTM B117
5	CHEMICAL- CORROSION TESTS	Painted Products / Panels / Raw Materials	Salt Spray Test	ASTM B117
6	CHEMICAL- CORROSION TESTS	Plated Products / Panels / Raw Materials	Salt Spray Test	ASTM B117
7	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Chromium	ASTM E1251a
8	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Copper	ASTM E1251a
9	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Iron	ASTM E1251a
10	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Lead	ASTM E1251a
11	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Magnesium	ASTM E1251a
12	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Manganese	ASTM E1251a
13	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Nickel	ASTM E1251a
14	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Silicon	ASTM E1251a
15	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Tin	ASTM E1251a
16	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Titanium	ASTM E1251a
17	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Zinc	ASTM E1251a
18	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Aluminium	IS 8811

SCOPE OF ACCREDITATION

Laboratory Name : VSP TESTING & CALIBRATION LABORATORY, H-112/9, SHREE ASHTAVINAYAK INDL. PREMISES CO-OP SOCIETY, MIDC AMBAD, NASHIK, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6205 **Page No** 2 of 10

Validity 03/08/2022 to 02/08/2024 **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	Carbon Steel & Low Alloy Steels	Carbon	IS 8811
20	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Chromium	IS 8811
21	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Cobalt	IS 8811
22	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Copper	IS 8811
23	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Manganese	IS 8811
24	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Molybdenum	IS 8811
25	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Nickel	IS 8811
26	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Niobium	IS 8811
27	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Phosphorus	IS 8811
28	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Silicon	IS 8811
29	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Sulphur	IS 8811
30	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Tin	IS 8811
31	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Titanium	IS 8811
32	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Vanadium	IS 8811
33	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Aluminium	JIS G1253
34	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Boron	JIS G1253
35	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Carbon	JIS G1253
36	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	JIS G1253
37	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Cobalt	ASTM E415

SCOPE OF ACCREDITATION

Laboratory Name : VSP TESTING & CALIBRATION LABORATORY, H-112/9, SHREE ASHTAVINAYAK INDL. PREMISES CO-OP SOCIETY, MIDC AMBAD, NASHIK, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6205 **Page No** 3 of 10

Validity 03/08/2022 to 02/08/2024 **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	Carbon Steel & Low Alloy Steel	Cobalt	JIS G1253
39	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Copper	JIS G1253
40	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Lead	JIS G1253
41	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Manganese	JIS G1253
42	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	JIS G1253
43	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nickel	JIS G1253
44	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Niobium	JIS G1253
45	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nitrogen	JIS G1253
46	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Phosphorous	JIS G1253
47	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	JIS G1253
48	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Sulphur	JIS G1253
49	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Tin	JIS G1253
50	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Titanium	JIS G1253
51	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Vanadium	JIS G1253
52	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Aluminium	ASTM E415
53	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Boron	ASTM E415
54	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Boron	IS 8811
55	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Carbon	ASTM E415
56	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Chromium	ASTM E415

SCOPE OF ACCREDITATION

Laboratory Name : VSP TESTING & CALIBRATION LABORATORY, H-112/9, SHREE ASHTAVINAYAK INDL. PREMISES CO-OP SOCIETY, MIDC AMBAD, NASHIK, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6205 **Page No** 4 of 10

Validity 03/08/2022 to 02/08/2024 **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	Carbon Steel & Low Alloy Steels	Copper	ASTM E415
58	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Lead	ASTM E415
59	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Lead	IS 8811
60	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Manganese	ASTM E415
61	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Molybdenum	ASTM E415
62	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Nickel	ASTM E415
63	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Niobium	ASTM E415
64	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Nitrogen	ASTM E415
65	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Nitrogen	IS 8811
66	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Phosphorous	ASTM E415
67	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Silicon	ASTM E415
68	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Sulphur	ASTM E415
69	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Tin	ASTM E415
70	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Titanium	ASTM E415
71	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Vanadium	ASTM E415
72	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Aluminium	BS EN15079
73	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Arsenic	BS EN 15078
74	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Chromium	BS EN 15079-15
75	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Iron	BS EN15079

SCOPE OF ACCREDITATION

Laboratory Name : VSP TESTING & CALIBRATION LABORATORY, H-112/9, SHREE ASHTAVINAYAK INDL. PREMISES CO-OP SOCIETY, MIDC AMBAD, NASHIK, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6205 **Page No** 5 of 10

Validity 03/08/2022 to 02/08/2024 **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	Copper & Copper alloys	Lead	BS EN 15079
77	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Manganese	BS EN 15079
78	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Nickel	BS EN 15079
79	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Phosphorous	BS EN 15079
80	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Silicon	BS EN 115079
81	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Tin	BS EN 15079
82	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Zinc	BS EN 15079
83	CHEMICAL- METALS & ALLOYS	High speed Tool steel	Carbon	JIS G1253
84	CHEMICAL- METALS & ALLOYS	High speed Tool steel	Chromium	JIS G1253
85	CHEMICAL- METALS & ALLOYS	High speed Tool steel	Cobalt	JIS G1253
86	CHEMICAL- METALS & ALLOYS	High speed Tool steel	Copper	JIS G1253
87	CHEMICAL- METALS & ALLOYS	High speed Tool steel	Manganese	JIS G1253
88	CHEMICAL- METALS & ALLOYS	High speed Tool steel	Molybdenum	JIS G1253
89	CHEMICAL- METALS & ALLOYS	High speed Tool steel	Nickel	JIS G1253
90	CHEMICAL- METALS & ALLOYS	High speed Tool steel	Phosphorous	JIS G1253
91	CHEMICAL- METALS & ALLOYS	High speed Tool steel	Silicon	JIS G1253
92	CHEMICAL- METALS & ALLOYS	High speed Tool steel	Sulphur	JIS G1253
93	CHEMICAL- METALS & ALLOYS	High speed Tool steel	Tungsten	JIS G1253
94	CHEMICAL- METALS & ALLOYS	High speed Tool steel	Vanadium	JIS G1253

SCOPE OF ACCREDITATION

Laboratory Name : VSP TESTING & CALIBRATION LABORATORY, H-112/9, SHREE ASHTAVINAYAK INDL. PREMISES CO-OP SOCIETY, MIDC AMBAD, NASHIK, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6205 **Page No** 6 of 10

Validity 03/08/2022 to 02/08/2024 **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	Stainless Stee	Titanium	IS 9879
96	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E1086
97	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E1086
98	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
99	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
100	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	JIS G1253
101	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086
102	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
103	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G1253
104	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
105	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
106	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JIS G1253
107	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
108	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
109	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	JIS G1253
110	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
111	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
112	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G1253
113	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086

SCOPE OF ACCREDITATION

Laboratory Name : VSP TESTING & CALIBRATION LABORATORY, H-112/9, SHREE ASHTAVINAYAK INDL. PREMISES CO-OP SOCIETY, MIDC AMBAD, NASHIK, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6205 **Page No** 7 of 10

Validity 03/08/2022 to 02/08/2024 **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	Stainless Steel	Nickel	IS 9879
115	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G1253
116	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	ASTM E1086
117	CHEMICAL- METALS & ALLOYS	Stainless steel	Nitrogen	IS9879
118	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	JIS G1253
119	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	JIS G1253
120	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 9879
121	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
122	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
123	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	JIS G 1253
124	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
125	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	JIS G1253
126	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	ASTM E1086
127	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	JIS G1253
128	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials	% Elongation	ASTM A 370
129	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials	% Reduction Area	ASTM A 370
130	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials	Bend Test (90 & 180º)	ASTM A 370

SCOPE OF ACCREDITATION

Laboratory Name : VSP TESTING & CALIBRATION LABORATORY, H-112/9, SHREE ASHTAVINAYAK INDL. PREMISES CO-OP SOCIETY, MIDC AMBAD, NASHIK, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6205 **Page No** 8 of 10

Validity 03/08/2022 to 02/08/2024 **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
131	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials	Rockwell Hardness Test - HRC	IS 1586
132	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials	Rockwell Hardness Test - HRBW	IS 1586
133	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials	Rockwell Hardness Test -HR 30N	IS 1586
134	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials	Rockwell Hardness Test - HR30TW	IS 1586
135	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials	Rockwell Hardness Test -HRA	IS 1586
136	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials	% Elongation	IS1608-1
137	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials	% Reduction Area	IS1608-1
138	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials	Bend Test (90º & 180º)	IS 1599
139	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials	Tensile Strength	ASTM A 370
140	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials	Tensile Strength	IS 1608 -1
141	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials	Yield Strength	ASTM A 370
142	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials	Yield Strength	IS 1608-1
143	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials- Tube	Flaring Test	IS 2335
144	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials- Tube	Flattening Test	ASTM A 370

SCOPE OF ACCREDITATION

Laboratory Name : VSP TESTING & CALIBRATION LABORATORY, H-112/9, SHREE ASHTAVINAYAK INDL. PREMISES CO-OP SOCIETY, MIDC AMBAD, NASHIK, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6205 **Page No** 9 of 10

Validity 03/08/2022 to 02/08/2024 **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
145	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials- Tube	Flattening Test	IS 2328
146	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials-Tube	Flaring Test	ASTM A 370
147	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous -Welded materials	Bend Test (Root/Face/Side)	ASME Sec IX : (QW 160,161,162)
148	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous -Welded materials	Tensile Strength	ASME Sec IX- (QW-150)
149	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materia	% Elongation	ASTM E-8/E-8M
150	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Material	% Reduction Area	ASTM E-8/E-8M
151	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Material	0.2% Proof Stress	ASTM E370
152	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Material	0.2% Proof Stress	ASTM E-8/E-8M
153	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Material	0.2% Proof Stress	IS 1608-1
154	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Material	0.5% Proof Stress	ASTM A370
155	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Material	0.5% Proof Stress	ASTM E-8/E-8M
156	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Material	0.5% Proof Stress	IS 1608-1
157	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Material	Brinnel Hardness Test- HBW 2.5/187.5	IS 1500 Part-1
158	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Material	Brinnel Hardness Test-HBW205/62.5	IS 1500 Part-1

SCOPE OF ACCREDITATION

Laboratory Name : VSP TESTING & CALIBRATION LABORATORY, H-112/9, SHREE ASHTAVINAYAK INDL. PREMISES CO-OP SOCIETY, MIDC AMBAD, NASHIK, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6205 **Page No** 10 of 10

Validity 03/08/2022 to 02/08/2024 **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
159	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Material	Tensile Strength	ASTM E-8/E-8M
160	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Material	Vickers Hardness Test-HV10	IS 1501 PART-1
161	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Material	Vickers Hardness Test-HV5	IS-1501PART-1
162	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Material	Yield Strength	ASTM E-8/E-8M
163	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & welded test specimen	Fracture Test	ASME SEC-IX-QW182
164	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC Practice A	ASTM A262
165	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC PRACTICE-E	ASTM A262
166	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non Ferrous -Welded materials	Macro Examination	ASME (Sec IX) (QW 183, 184)
167	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non Ferrous -Welded materials	Macro Examination	IS 11371
168	MECHANICAL-METALLOGRAPHY TEST	Ferrous and non ferrous Weld material	Macro Examination	ASME(SEC-IX)(QW 183,184,193.1.3)
169	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non ferrous weld material	Macro Examination	IS 3600 P-9
170	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material	Case Depth by Microscopic Method	IS 6416
171	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material	Depth of Decarburization by Microscopic Method	IS 6396
172	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material	Determination of Inclusion Content of Steel	IS 4163
173	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material	Grain Size Determination	ASTM E112
174	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material	Grain Size Determination	IS 4748
175	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material	Micro Structure Analysis	ASM Handbook Vol-9