National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AADHYA ENGINEERING SERVICES, 346/B/2, B/S LALJI-MULJI TRANSPORT,MAKARPURA, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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
Permanent Facility				
1	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Tin	ASTM E 1251
2	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Chromium	ASTM E 1251
3	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Cobalt	ASTM E 1251
4	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Copper	ASTM E 1251
5	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Iron	ASTM E 1251
6	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Lead	ASTM E 1251
7	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Magnesium	ASTM E 1251
8	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Manganese	ASTM E 1251
9	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Nickel	ASTM E 1251
10	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Silicon	ASTM E 1251
11	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Titanium	ASTM E 1251
12	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Vanadium	ASTM E 1251
13	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Zinc	ASTM E 1251
14	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Chromium	ASTM E415
15	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Molybdenum	ASTM E415
16	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Nickel	ASTM E415
17	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Vanadium	ASTM E415
18	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Aluminium	JIS G 1253(Amd2013)

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19	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Aluminum	ASTM E415
20	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Aluminum	IS 8811
21	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Boron	ASTM E415
22	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Boron	IS 8811
23	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Chromium	JIS G 1253(Amd2013)
24	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Cobalt	ASTM E415
25	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Cobalt	IS 8811
26	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Copper	ASTM E415
27	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Copper	IS 8811
28	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Molybdenum	IS 8811
29	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Molybdenum	JIS G 1253(Amd2013)
30	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Niobium	ASTM E415
31	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Niobium	IS 8811
32	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Niobium	JIS G 1253(Amd2013)
33	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Nitrogen	ASTM E415
34	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Nitrogen	JIS G 1253(Amd2013)
35	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Silicon	JIS G 1253(Amd2013)
36	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Tin	IS 8811
37	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Titanium	ASTM E415

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38	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Titanium	IS 8811
39	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Tungsten	JIS G 1253(Amd2013)
40	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Vanadium	IS 8811
41	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Vanadium	JIS G 1253(Amd2013)
42	CHEMICAL- METALS & ALLOYS	Carbon steel & Alloy steel	Carbon	ASTM E415
43	CHEMICAL- METALS & ALLOYS	Carbon steel & Alloy steel	Carbon	IS 8811
44	CHEMICAL- METALS & ALLOYS	Carbon steel & Alloy steel	Chromium	IS 8811
45	CHEMICAL- METALS & ALLOYS	Carbon steel & Alloy steel	Manganese	ASTM E415
46	CHEMICAL- METALS & ALLOYS	Carbon steel & Alloy steel	Manganese	IS 8811
47	CHEMICAL- METALS & ALLOYS	Carbon steel & Alloy steel	Nickel	IS 8811
48	CHEMICAL- METALS & ALLOYS	Carbon steel & Alloy steel	Phosphorous	ASTM E415
49	CHEMICAL- METALS & ALLOYS	Carbon steel & Alloy steel	Phosphorous	IS 8811
50	CHEMICAL- METALS & ALLOYS	Carbon steel & Alloy steel	Silicon	ASTM E415
51	CHEMICAL- METALS & ALLOYS	Carbon steel & Alloy steel	Silicon	IS 8811
52	CHEMICAL- METALS & ALLOYS	Carbon steel & Alloy steel	sulfur	ASTM E415
53	CHEMICAL- METALS & ALLOYS	Carbon steel & Alloy steel	Sulfur	IS 8811
54	CHEMICAL- METALS & ALLOYS	Carbon steel & Alloy steel	Tin	ASTM E415
55	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Chromium	ASTM E 1476
56	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Cobalt	ASTM E 1476

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57	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Copper	ASTM E 1476
58	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Iron	ASTM E 1476
59	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Manganese	ASTM E 1476
60	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Molybdenum	ASTM E 1476
61	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Nickel	ASTM E 1476
62	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Niobium	ASTM E 1476
63	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Titanium	ASTM E 1476
64	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Tungsten	ASTM E 1476
65	CHEMICAL- METALS & ALLOYS	Stainless Steel & Alloys	Aluminium	JIS G 1253(Amd2013)
66	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Carbon	ASTM E1086
67	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Carbon	IS 9879
68	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Chromium	ASTM E 1086
69	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Chromium	IS 9879
70	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Chromium	JIS G 1253(Amd2013)
71	CHEMICAL- METALS & ALLOYS	Stainless Steel & Alloys	Cobalt	JIS G 1253(Amd2013)
72	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Copper	ASTM E 1086
73	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Copper	IS 9879(Ra2021)
74	CHEMICAL- METALS & ALLOYS	Stainless Steel & Alloys	Copper	JIS G 1253
75	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Manganese	ASTM E 1086

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76	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Manganese	IS 9879(Ra2021)
77	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Molybdenum	ASTM E 1086
78	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Molybdenum	IS 9879
79	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Molybdenum	JIS G 1253(Amd2013)
80	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Nickel	ASTM E 1086
81	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Nickel	IS 9879(Ra2021)
82	CHEMICAL- METALS & ALLOYS	Stainless Steel & Alloys	Nickel	JIS G 1253(Amd2013)
83	CHEMICAL- METALS & ALLOYS	Stainless Steel & Alloys	Niobium	JIS G 1253
84	CHEMICAL- METALS & ALLOYS	Stainless Steel & Alloys	Nitrogen	JIS G 1253(Amd2013)
85	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Phosphorous	ASTM E 1086
86	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Phosphorous	IS 9879
87	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Silicon	ASTM E1086
88	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Silicon	IS 9879
89	CHEMICAL- METALS & ALLOYS	Stainless Steel & Alloys	Sulfer	JIS G 1253(Amd2013)
90	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Sulfur	ASTM E 1086
91	CHEMICAL- METALS & ALLOYS	Stainless steel & Alloys	Sulfur	IS 9879
92	CHEMICAL- METALS & ALLOYS	Stainless Steel & Alloys	Titanium	JIS G 1253(Amd2013)
93	CHEMICAL- METALS & ALLOYS	Stainless Steel & Alloys	Tungstun	JIS G 1253(Amd2013)
94	CHEMICAL- METALS & ALLOYS	Stainless Steel & Alloys	Vanadium	JIS G 1253(Amd2013)

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95	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend test	ASTM A 370
96	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Flaring Test (Tubes/Pipes)	ASTM A 370
97	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Flattening Test (Tubes/Pipes)	ASTM A 370
98	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Proof strength(0.2%Offset)	ASTM A 370
99	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Reduction in Area	ASTM A 370
100	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tension testing of Full Size Bolts with wedge	ASTM A 370
101	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Ultimate Tensile Strength	ASTM A370
102	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Yield strength	ASTM A 370
103	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials,Alloys & Products	Elongation	ASTM A 370
104	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Bend test	ISO 7438
105	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Charpy V notch impact test (Room Temp. to -75° & -196° C)	ASTM E 23
106	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Elongation	BS EN ISO 6892-1
107	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Flaring/ Drift Expanding Test (Tubes/Pipes)	IS 2335
108	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Proof load (Nut)	IS 1367-Part6

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109	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Proof strength (0.2%Offset)	BS EN ISO 6892-1
110	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Proof strength(0.2%offset)	ASTM E 8
111	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Reduction in Area	ASTM E 8
112	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Reduction in Area	ASTM E 8
113	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Reduction in Area	BS EN ISO 6892-1
114	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Reduction in Area	IS 1608-1
115	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Rockwell Hardness test	ASTM E 18
116	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Ultimate Tensile Strength	ASTM E 8
117	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Ultimate Tensile Strength	BS EN ISO 6892-1
118	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Vickers Hardness Test	ASTM E 92
119	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Yield strength	ASTM E 8
120	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Yield strength	BS EN ISO 6892-1
121	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Charpy V notch impact test (Room Temp. to -75° & -196° C	ASTM E 23
122	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Bend test	IS 1599

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123	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Bend test (U-Bend Type 1)	ASTM E 290
124	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Brinell hardness Test, (2.5/187.5 Kgf)	ASTM E 10
125	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Brinell hardness Test, (2.5/187.5 Kgf)	IS 1500-1
126	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Brinell hardness Test, (2.5/62.5 Kgf)	ASTM E 10
127	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Brinell hardness Test, (2.5/62.5 Kgf)	IS 1500-1
128	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Elongation	ASTM E 8
129	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Elongation	ASTM E 8
130	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Elongation	IS 1608-1
131	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Flattening Test (Tubes/Pipes)	IS 2328
132	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Proof strength(0.2%offset)	ASTM E 8
133	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Proof strength(0.2%offset),	IS 1608-1
134	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Rockwell Hardness test (HRBW)	ASTM E 18
135	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Rockwell Hardness test(HRBW)	IS 1586-Part1
136	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Rockwell Hardness test(HRC)	ASTM E 18

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137	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Rockwell Hardness test(HRC)	IS 1586-Part1
138	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Ultimate Tensile Strength	ASTM E8
139	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Ultimate Tensile Strength	IS 1608-1
140	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Vickers Hardness Test, HV30	ASTM E 92
141	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Vickers Hardness Test, HV30	IS 1501-Part1
142	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Yield strength	ASTM E 8
143	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Yield strength	IS 1608-1
144	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products	Shear Area	ASTM E 23
145	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Brinell hardness Test,(2.5/187.5 Kgf)	ISO 6506-1
146	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Brinell hardness Test,(2.5/62.5 Kgf)	ISO 6506-1
147	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Lateral Expansion	ASTM E 23
148	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Rockwell Hardness Test (HRBW)	ISO 6508-1
149	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Rockwell Hardness Test (HRC)	ISO 6508-1
150	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Through-Thickness Tension Testing (Reduction in Area)	BS EN 10164

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151	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Through-Thickness Tension Testing (Reduction in Area)	ASTM A 770
152	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(High Strength Deformed Steel Bars & Wire)	Re-bend test For Reinforcement/TMT Bars	IS 1786
153	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Threaded Steel Fasteners)	Proof load (Nut)	ASTM A 194
154	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material(Threaded Steel Fasteners)	Proof load (Nut)	IS 1367-Part6
155	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Bend Test	ASME SEC-IX
156	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Bend Test	AWS D1.1
157	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Bend Test	EN ISO 5173
158	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Fillet Weld Fracture Test	AWS D1.1
159	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Fillet Weld Fracture Test	IS 7310-1
160	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Macro Examination	IS 7310-1
161	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Nick Break Test	API 1104
162	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Ultimate Tensile Strength	API 1104
163	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Ultimate Tensile Strength	ASME Sec-IX
164	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Ultimate Tensile Strength	AWS D1.1

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165	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Ultimate Tensile Strength	EN ISO 4136
166	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC Test Practice-A	ASTM A 262
167	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC Test Practice-B	ASTM A 262
168	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC Test Practice-C	ASTM A 262
169	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC Test Practice-E	ASTM A 262
170	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC Test Practice-F	ASTM A 262
171	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Ferric chloride corrosion test (Method C)	ASTM A 923
172	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Sodium Hydroxide Etch Test (Method-A)	ASTM A 923
173	MECHANICAL-METALLOGRAPHY TEST	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Macro Etch Test	ASM HandbookVol.9
174	MECHANICAL-METALLOGRAPHY TEST	Metallic material(Ferrous & Non Ferrous Material Alloys & Products)	Microstructure Examination	ASM HandbookVol.9
175	MECHANICAL-METALLOGRAPHY TEST	Metallic material(Ferrous Material Alloys & Products)	Grain size By Comparison method	ASTM E 112
176	MECHANICAL-METALLOGRAPHY TEST	Metallic material(steel)	Inclusion Rate By Method A	ASTM E 45
177	MECHANICAL-METALLOGRAPHY TEST	Metallic material(steel)	Inclusion Rate By Method A	IS 4163
178	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Ferric chloride pitting test (Method A)	ASTM G 48
179	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimen	Macro Etch Test	IS 3600-9
180	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded test specimens	Macro Etch Test	ASME SEC IX
181	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro Etch Test	AWS D1.1
182	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro Etch Test	EN ISO 17639

SCOPE OF ACCREDITATION

Laboratory Name :	AADHYA ENGINEERING SERVICES, 346/B/2, B/S LALJI-MULJI TRANSPORT,MAKARPURA, VADODARA, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9012	**Page No**	12 of 13
Validity	25/09/2022 to 24/09/2024	**Last Amended on**	02/11/2022

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
183	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded test specimens	Macro Etch Test	IS 7310-1
184	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded test specimens	Microstructure Examination	EN ISO 17639
185	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Microstructure Examination	IS 3600-9

SCOPE OF ACCREDITATION

Laboratory Name :	AADHYA ENGINEERING SERVICES, 346/B/2, B/S LALJI-MULJI TRANSPORT,MAKARPURA, VADODARA, GUJARAT, INDIA		
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Certificate Number	TC-9012	**Page No**	13 of 13
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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
Site Facility				
1	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Chromium	ASTM E 1476
2	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Cobalt	ASTM E 1476
3	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Copper	ASTM E 1476
4	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Iron	ASTM E 1476
5	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Manganese	ASTM E 1476
6	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Molybdenum	ASTM E 1476
7	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Nickel	ASTM E 1476
8	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Niobium	ASTM E 1476
9	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Titanium	ASTM E 1476
10	CHEMICAL- METALS & ALLOYS	Ferrous Metals	Tungsten	ASTM E 1476