National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AXIS INSPECTION SOLUTIONS, PLOT NO,175, SRIRAM NAGAR, GAJULARAMARAM, HYDERABAD, RANGA REDDY, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 27/04/2022 to 26/04/2024 **Last Amended on** 29/07/2022

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
LOCATION 1-PLOT NO,175, SRIRAM NAGAR, GAJULARAMARAM, HYDERABAD, RANGA REDDY, TELANGANA, INDIA Permanent Facility				
1	NON-DESTRUCTIVE-METALS & ALLOYS	Castings(Ferrous &Non-Ferrous)	Ultrasonic Test	ASME Sec-V, Article 4,5&23, ASTM A 609/A609M (contact method)
2	NON-DESTRUCTIVE-METALS & ALLOYS	Castings(Ferrous)	Penetrant Test	ASME Sec-V, Article 6 &24, ASTM E 165/E 165 M
3	NON-DESTRUCTIVE-METALS & ALLOYS	Castings(Ferrous)	Penetrant Test	ASME Sec-V,, Article 6&24, ASTM E 165/165 M (visible & flourescent)
4	NON-DESTRUCTIVE-METALS & ALLOYS	Castings, Forgings, Welded Plate	Magnetic Particle Test	ASME Sec-V, Article 7&25, ASTM E 709 (yoke method-visible and flourescent)
5	NON-DESTRUCTIVE-METALS & ALLOYS	Castings, Forgings, Welded Plate	Magnetic Particle Test	ASME Sec-V, Article 7&25, ASTM E 709(prod method-visible &florescent)
6	NON-DESTRUCTIVE-METALS & ALLOYS	Forgings(Ferrous&Non Ferrous)	Ultrasonic Test	ASME Sec-V, Article 4,5&23, ASTM A 388/AS 388 (contact method)
7	NON-DESTRUCTIVE-METALS & ALLOYS	Plates(Ferrous&Non Ferrous)	Ultrasonic Test	ASME Sec-V, Article 4,5&23,ASTM 435/A435M, ASTM A578/A578M(contact method)
8	NON-DESTRUCTIVE-METALS & ALLOYS	Plates(ferrous)	Penetrant test	ASME Sec-V,, Article 6&24, ASTM E 165/165 M(visible&fluorescent
9	NON-DESTRUCTIVE-METALS & ALLOYS	Plates(Non Ferrous)	Penetrant Test	ASME Sec V, Article 6&24, ASTM E 165/E165M(visible &fluorescent)
10	NON-DESTRUCTIVE-METALS & ALLOYS	Weld	Magnetic Particle Test	ASME Sec-V, Article 7&25, ASTM E 709(prod method-visible & Florescent)
11	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints(Ferrous)&Non Ferrous -Aluminium)	Ultrasonic test	ASME Sec-V, Article 4,5&23 (contact method)
12	NON-DESTRUCTIVE-METALS & ALLOYS	Welds(Ferrous)	Penetrant Test	ASME Sec-V,, Article 6&24, ASTM E 165/E165M(visible& fluorescent)
13	NON-DESTRUCTIVE-METALS & ALLOYS	Welds(Non Ferrous)	Penetrant Test	ASME Sec-V,, Article 6&24, ASTM E 165/E165M(visible&flourescent)

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Laboratory Name : AXIS INSPECTION SOLUTIONS, PLOT NO,175, SRIRAM NAGAR, GAJULARAMARAM, HYDERABAD, RANGA REDDY, TELANGANA, 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
LOCATION 1-PLOT NO,175, SRIRAM NAGAR, GAJULARAMARAM, HYDERABAD, RANGA REDDY, TELANGANA, INDIA Site Facility				
1	NON-DESTRUCTIVE-METALS & ALLOYS	Castings(Ferrous &Non-Ferrous)	Ultrasonic Test	ASME Sec-V, Article 4,5&23, ASTM A 609/A609M (contact method)
2	NON-DESTRUCTIVE-METALS & ALLOYS	Castings(Ferrous)	Penetrant Test	ASME Sec-V, Article 6 &24, ASTM E 165/E 165 M
3	NON-DESTRUCTIVE-METALS & ALLOYS	Castings(Ferrous)	Penetrant Test	ASME Sec-V,, Article 6&24, ASTM E 165/165 M (visible & flourescent)
4	NON-DESTRUCTIVE-METALS & ALLOYS	Castings, Forgings, Welded Plate	Magnetic Particle Test	ASME Sec-V, Article 7&25, ASTM E 709 (yoke method-visible and flourescent)
5	NON-DESTRUCTIVE-METALS & ALLOYS	Castings, Forgings, Welded Plate	Magnetic Particle Test	ASME Sec-V, Article 7&25, ASTM E 709(prod method-visible &florescent)
6	NON-DESTRUCTIVE-METALS & ALLOYS	Castings,(Ferrous and Aluminium Alloys) and welds (Ferrous).	Radiography Test	ASME Sec-V, Article 2&22 X-ray and Gamma Rays
7	NON-DESTRUCTIVE-METALS & ALLOYS	Forgings(Ferrous&Non Ferrous)	Ultrasonic Test	ASME Sec-V, Article 4,5&23, ASTM A 388/AS 388 (contact method)
8	NON-DESTRUCTIVE-METALS & ALLOYS	Plates(Ferrous&Non Ferrous)	Ultrasonic Test	ASME Sec-V, Article 4,5&23,ASTM 435/A435M, ASTM A578/A578M(contact method)
9	NON-DESTRUCTIVE-METALS & ALLOYS	Plates(ferrous)	Penetrant test	ASME Sec-V,, Article 6&24, ASTM E 165/165 M(visible&fluorescent
10	NON-DESTRUCTIVE-METALS & ALLOYS	Plates(Non Ferrous)	Penetrant Test	ASME Sec V, Article 6&24, ASTM E 165/E165M(visible &fluorescent)
11	NON-DESTRUCTIVE-METALS & ALLOYS	Weld	Magnetic Particle Test	ASME Sec-V, Article 7&25, ASTM E 709(prod method-visible & Florescent)
12	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints(Ferrous)&Non Ferrous -Aluminium)	Ultrasonic test	ASME Sec-V, Article 4,5&23 (contact method)
13	NON-DESTRUCTIVE-METALS & ALLOYS	Welds(Ferrous)	Penetrant Test	ASME Sec-V,, Article 6&24, ASTM E 165/E165M(visible& fluorescent)

SCOPE OF ACCREDITATION

Laboratory Name :	AXIS INSPECTION SOLUTIONS, PLOT NO,175, SRIRAM NAGAR, GAJULARAMARAM, HYDERABAD, RANGA REDDY, TELANGANA, 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
14	NON-DESTRUCTIVE-METALS & ALLOYS	Welds(Non Ferrous)	Penetrant Test	ASME Sec-V,, Article 6&24, ASTM E 165/E165M(visible&flourescent)

SCOPE OF ACCREDITATION

Laboratory Name : AXIS INSPECTION SOLUTIONS, PLOT NO,175, SRIRAM NAGAR, GAJULARAMARAM, HYDERABAD, RANGA REDDY, TELANGANA, INDIA

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LOCATION 2 - B-76/A, A.P.I.E, BALANAGAR, HYDERABAD, RANGA REDDY, TELANGANA, INDIA Permanent Facility				
1	CHEMICAL- METALS & ALLOYS	Aluminium	Chromium	ASTM E 1251
2	CHEMICAL- METALS & ALLOYS	Aluminium	Copper	ASTM E 1251
3	CHEMICAL- METALS & ALLOYS	Aluminium	Iron	ASTM E 1251
4	CHEMICAL- METALS & ALLOYS	Aluminium	Lead	ASTM E 1251
5	CHEMICAL- METALS & ALLOYS	Aluminium	Magnesium	ASTM E 1251
6	CHEMICAL- METALS & ALLOYS	Aluminium	Manganese	ASTM E 1251
7	CHEMICAL- METALS & ALLOYS	Aluminium	Nickel	ASTM E 1251
8	CHEMICAL- METALS & ALLOYS	Aluminium	Silicon	ASTM E 1251
9	CHEMICAL- METALS & ALLOYS	Aluminium	Tin	ASTM E 1251
10	CHEMICAL- METALS & ALLOYS	Aluminium	Titanium	ASTM E 1251
11	CHEMICAL- METALS & ALLOYS	Aluminium	Vanadium	ASTM E 1251
12	CHEMICAL- METALS & ALLOYS	Aluminium	Zinc	ASTM E 1251
13	CHEMICAL- METALS & ALLOYS	Aluminium	Zirconium	ASTM E 1251
14	CHEMICAL- METALS & ALLOYS	Copper	Aluminium	BS EN 15079
15	CHEMICAL- METALS & ALLOYS	Copper	Antimony	BS EN 15079
16	CHEMICAL- METALS & ALLOYS	Copper	Arsenic	BS EN 15079
17	CHEMICAL- METALS & ALLOYS	Copper	Bismuth	BS EN 15079
18	CHEMICAL- METALS & ALLOYS	Copper	Iron	BS EN 15079

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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	Copper	Lead	BS EN 15079
20	CHEMICAL- METALS & ALLOYS	Copper	Manganese	BS EN 15079
21	CHEMICAL- METALS & ALLOYS	Copper	Megnesium	BS EN 15079
22	CHEMICAL- METALS & ALLOYS	Copper	Nickel	BS EN 15079
23	CHEMICAL- METALS & ALLOYS	Copper	Phosphorus	BS EN 15079
24	CHEMICAL- METALS & ALLOYS	Copper	Silicon	BS EN 15079
25	CHEMICAL- METALS & ALLOYS	Copper	Sulphur	BS EN 15079
26	CHEMICAL- METALS & ALLOYS	Copper	Tin	BS EN 15079
27	CHEMICAL- METALS & ALLOYS	Copper	Zinc	BS EN 15079
28	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Aluminium	ASTM E415
29	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Aluminium	IS 8811
30	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Carbon	ASTM E415
31	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Carbon	IS 8811
32	CHEMICAL- METALS & ALLOYS	Low And Medium Carbon steel	Chromium	ASTM E415
33	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	chromium	IS 8811
34	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Cobalt	ASTM E 41
35	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Cobalt	IS 8811
36	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Copper	ASTM E415
37	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Copper	IS 8811

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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
38	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Manganese	ASTM E415
39	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Manganese	IS 8811
40	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Molybdenum	ASTM E415
41	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Molybdenum	IS 8811
42	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Nickel	ASTM E415
43	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Nickle	IS 8811
44	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Phosphorous	IS 8811
45	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Phosphorus	ASTM E415
46	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Silicon	ASTM E415
47	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Silicon	IS 8811
48	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Sulphur	ASTM E415
49	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Sulphur	IS 8811
50	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Vanadium	ASTM E 415
51	CHEMICAL- METALS & ALLOYS	Low and Medium Carbon Steel	Vanadium	IS 8811
52	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E 1086
53	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
54	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E 1086
55	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
56	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879

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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
57	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E 1086
58	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
59	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E 1086
60	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
61	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
62	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 9879
63	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E 1086
64	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E 1086
65	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
66	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon	JIS G 1253
67	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium	JIS G 1253
68	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt	JIS G 1253
69	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	JIS G 1253
70	CHEMICAL- METALS & ALLOYS	Tool Steel	Nickel	JIS G 1253
71	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorus	JIS G 1253
72	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon	JIS G 1253
73	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulphur	JIS G 1253
74	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	JIS G 1253
75	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	JIS G 1253

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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
76	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium and Magnesium Alloys	0.2% Proof Stress and Yield Stress	ASTM B 557
77	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium and Magnesium Aloys	Tension Testing (UTS, 0.2%PS, %E, %RA)	ASTM B 557
78	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous And Ferrous Materials	Nick Break Test	IS 2825
79	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	% Elongation	ASTM A370
80	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	%Reduction of Area	ASTM A 370;
81	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	0.1 to 0.5% Proof Stress	ASTM B 557
82	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	Bend Test	ASTM E 290
83	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	Brinell Hardness Number (5mm/250kg)	IS 1500(P-1); ASTM E10
84	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	Brinell Hardness Number (10mm / 1000kg)	IS 1500(P-1); ASTM E10
85	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	Brinell Hardness Number (10mm /3000kg)	IS 1500(P-1): ASTM E 10
86	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	Brinell Hardness Number (2.5mm / 187.5kg)	IS 1500(P-1); ASTM E 10
87	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	Brinell Hardness Number(5mm/750kg)	IS 1500(P-1); ASTM E 10
88	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	Re-Bend	IS 1786-2008
89	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	Rockwell Hardness	ASTM E 18

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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
90	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	Rockwell Hardness Number	ASTM E18
91	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	Tensile Strength	ASME Sec IX
92	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	Yield Strength	ASTM A370
93	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material I	Rockwell Hardness	ASTM E18
94	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials	Bend Test	ASTM E 290
95	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Materials	Bend Test	IS 1599
96	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy V-Notch, Ambient Temp To -196 Degree Centigrade	IS 1757(P-1)
97	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Destructive Tests	ISO 9606
98	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Destructive Tests(Tensile, Bend, Hardness, Fracture)	API 1104
99	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Destructive Tests(Tensile, Bend, Hardness, Fracture)	ISO 15614
100	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Destructive Tests(Tensile, Bend,Hardness, Fracture)	BS 4515
101	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Destructive Tests(Tensile, Hardness, Bend, Fracture)	ASME Sec IX
102	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Destructive Tests(Tensile, Hardness, Bend, Fracture)	AWSD1.1
103	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Destructive Tests(Tensile, Hardness, Bend, Fracture)	ISO 9017

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104	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Destructive Tests(Tensile, Hardness, Bend, Fracture)	ASME Sec II C
105	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Hardness Test on Welds	ISO 9015-1
106	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Impact Izod Test Ambient Temperature	IS 1598-77
107	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Micro Vickers Hardness	ASTM E384
108	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Micro Vickers Hardness	IS 1501
109	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Testing	EN 10002-1
110	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness	IS 1501; ASTM E92
111	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test	ISO 6507-1
112	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloy	Vickers Hardness Test	IS 1501-1
113	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	0.2% Proof Stress and Yield Stress	ASTM A370
114	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	0.2% Proof Stress and Yield Stress	IS 1608-1
115	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	Bend Test (Side Bend, Root Bend Face Bend)	IS 7307-1-1974
116	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	Bolts and Studs	IS 1367(P-3) (P-14)
117	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	Brinell Hardness Test (5/250, 10/1000, 10/3000, 2.5/187.5, 5/750)	IS 1500-1

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118	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	Brinell Hardness Test(5/250, 10/1000, 10/3000, 2.5/187.5, 5/750)	ASTM E 10
119	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	Flattening Test Tube For Tubes	IS 2328
120	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	Mechanical Properties(Uts, Y.S/0.2%Ps, %Ra, Bend)	ASME Sef IX
121	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	Nuts	IS 1367(P-3)
122	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	Proof Load	IS 1367(P-6)
123	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	Rockwell Hardnes Test(B Scale)	IS 1586-1
124	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	Rockwell Hardness (A Scale)	IS 1586-1
125	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	Rockwell Hardness (C Scale)	IS 1586-1
126	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	Tensile Properties, Bend, Hardness, Fracture Tests	IS 7307-1-1974
127	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals snd Alloys	Bend Test (Side Bend, Root Bend Face Bend)	ASME Sec IX
128	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel and Alloys	Mechanical Testing of Steel	ASTM A370
129	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel and Alloys	Tensile Properties (UTS, %P.S,%E,%RA)	IS 1608-1
130	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel and Alloys	Tensile Properties (UTS, Y.S / %0.2PS, %E, %RA)	ASTM E 8/E8M
131	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Reinforcment	Tensile Stress and Yield Stress	IS 1786-2008

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Laboratory Name : AXIS INSPECTION SOLUTIONS, PLOT NO,175, SRIRAM NAGAR, GAJULARAMARAM, HYDERABAD, RANGA REDDY, TELANGANA, 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
132	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds	Welding Procedure Tests	AWS D1.1
133	MECHANICAL-METALLOGRAPHY TEST	All Metals and Non Metals	Metallographic Specimen Preparation	ASTM E 3-11
134	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Microstructure	IS 7754
135	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non Ferrous Materials	Mass of Coating	ASTM A 90
136	MECHANICAL-METALLOGRAPHY TEST	Metallic Coatings	Qualitative Adhesion Test	ASTM B 571
137	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Macro and Micro Examination	BS EN 1321
138	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Mass Of Coating	IS 9838-1981
139	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Mass of Zinc Coating	IS 6745-1972
140	MECHANICAL-METALLOGRAPHY TEST	Metals & Alloys, Cast Iron and Weldments	Grain Size	ASTM E112
141	MECHANICAL-METALLOGRAPHY TEST	Metals & Alloys, Cast Iron And Weldments	Dtermination of Average Grain Size	IS 4748
142	MECHANICAL-METALLOGRAPHY TEST	Metals &Alloys, Cast Iron And Weldments	Macro Etch Test	ISO 15614
143	MECHANICAL-METALLOGRAPHY TEST	Metals &Alloys, Cast Iron And Weldments	Macrostructure and Grain Flow Studies	ISO 17639
144	MECHANICAL-METALLOGRAPHY TEST	Metals &Alloys, Cast Iron And Weldments	Microstructure	ASM Handbook VOL 9A
145	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Decarburisation Depth	ISO 3887
146	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Depth of Decarburization	ASTM E 1077-14
147	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Depth of Decarburization	IS 6416-88
148	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Effective Depth By Micro Hardness	IS 6416-1988
149	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Fracture, Nick Break, Porosity And Macro Examinations	ISO 5817

SCOPE OF ACCREDITATION

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150	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Macroetching	ASTM E 340
151	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Microetching	ASTM E 407-07
152	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Non Metallc Inclusion Rating	IS 4163
153	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Practice For Sample Preparation	IS 7739-1
154	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Total Case Depth	IS 6416-1988
155	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys, Cast Iron And Weldments	Inclusion Rating Of Steel	ASTM E 45
156	MECHANICAL-METALLOGRAPHY TEST	Plated/Coated Materials	Coating Thickness By Microscopic Method	IS 3203-1982
157	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Chemical Passivation	ASTM A 967
158	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Inter Granular Corrosion(Practice B,C)	ASTM A 262
159	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Inter Granular Corrosion(Practice E,F)	ASTM A 262
160	MECHANICAL-METALLOGRAPHY TEST	Steel	Macro Etch Testing	ASTM A 604-07
161	MECHANICAL-METALLOGRAPHY TEST	Steel	Macro Etching And Rating	IS 13015-1991
162	MECHANICAL-METALLOGRAPHY TEST	Steel	Macro Test	Is 11371-85
163	MECHANICAL-METALLOGRAPHY TEST	Steel	Macro Test and Rating Of Steel	Is 13015-91
164	MECHANICAL-METALLOGRAPHY TEST	Steel	Macroetching	ASTM E381
165	MECHANICAL-METALLOGRAPHY TEST	Weld	Weld Penetration	ISO 17639
166	MECHANICAL-METALLOGRAPHY TEST	Welds	Macro and Micro Examination	IS 3600-9
167	MECHANICAL-METALLOGRAPHY TEST	Welds	Nick Break And Fillet Weld Fracture Test	IS 3600-8
168	MECHANICAL-METALLOGRAPHY TEST	Welds	Weld penetration	IS 7307-94

National Accreditation Board for Testing and Calibration Laboratories

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169	MECHANICAL-METALLOGRAPHY TEST	Welds	Weld Penetration	IS 7310-1
170	MECHANICAL-METALLOGRAPHY TEST	Welds	Weld Penetration	ISO 6520-1
171	MECHANICAL-METALLOGRAPHY TEST	Wrought Steel	Macro Etch Test	IS 11371-1985