National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : YOR LAB, PLOT NO. 42/2, SURVEY NO. 83, 150 FEET RING ROAD (WEST), VAVDI, RAJKOT, 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- ATMOSPHERIC POLLUTION	Ambient air	Oxides of nitrogen	IS:5182 PART 6:sec 2
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter (PM10)	IS 5182: (Part 23)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter (PM2.5)	IS 5182 Part-24
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur Dioxide	IS: 5182 PART 2: sec 2
5	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Nitrogen Dioxide	IS: 11255 (Part 7)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particulate Matter	IS 11255 (Part 1)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Dioxide	IS 11255 (Part 2)
8	CHEMICAL- CORROSION TESTS	Austenitic Stainless Steel	IGC TEST	ASTM A262 (Test A, Test E)
9	CHEMICAL- CORROSION TESTS	Austenitic Stainless Steel	IGC Test	ASTM A262 (Test B)
10	CHEMICAL- CORROSION TESTS	Austenitic Stainless Steel	IGC Test	ASTM A262 (Test C)
11	CHEMICAL- CORROSION TESTS	Ferritic, Austenitic and duplex Stainless Steel	IGC Test	EN ISO 3651-2: Method-A
12	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Chromium	ASTM E1251
13	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Chromium	IS 11035
14	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	copper	ASTM E1251
15	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Copper	IS 11035
16	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Iron	ASTM E1251
17	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	IRON	IS 11035
18	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Lead	ASTM E1251

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19	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Magnesium	IS 11035:
20	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Manganese	ASTM E1251
21	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Manganese	IS 11035
22	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Mangnesium	IS 11035
23	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Nickel	ASTM E1251
24	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Silicon	ASTM E1251
25	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Silicon	IS 11035
26	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Tin	ASTM E1251
27	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Titanium	ASTM E1251
28	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Titanium	IS 11035
29	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Vanadium	ASTM E1251
30	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zinc	ASTM E1251
31	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Zinc	IS 11035
32	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Aluminium	ASTM E 415
33	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Boron	ASTM E 415
34	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Carbon	ASTM E 415
35	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Chromium	ASTM E 415
36	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Copper	ASTM E 415
37	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Manganese	ASTM E 415

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38	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Molybdenum	ASTM E 415
39	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Nickel	ASTM E 415
40	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Niobium	ASTM E 415
41	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Phosphorus	ASTM E 415
42	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Silicon	ASTM E 415
43	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Sulfur	ASTM E 415
44	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Tin	ASTM E 415
45	CHEMICAL- METALS & ALLOYS	Carbon Steel And Low Alloy Steel	Titanium	IS 8811
46	CHEMICAL- METALS & ALLOYS	Carbon Steel And Low Alloy Steel	Tungsten	IS 8811
47	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Vanadium	ASTM E 415
48	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	IS 15338
49	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E1999
50	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS: 15338
51	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E1999
52	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	IS 15338
53	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	ASTM E1999
54	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	IS 15338
55	CHEMICAL- METALS & ALLOYS	Cast Iron	Magnesium	IS 15338
56	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E1999

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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	Cast Iron	Manganese	IS 15338
58	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	ASTM E1999
59	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	IS: 15338
60	CHEMICAL- METALS & ALLOYS	Cast Iron	NIckel	ASTM E1999
61	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	IS 15338
62	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	ASTM E1999
63	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	IS 15338
64	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E1999
65	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 15338
66	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulfur	ASTM E1999
67	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulfur	IS 15338
68	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	ASTM E1999
69	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	IS 15338
70	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	ASTM E1999
71	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	IS 15338
72	CHEMICAL- METALS & ALLOYS	Copper And Its Alloy	Aluminium	BS EN 15079
73	CHEMICAL- METALS & ALLOYS	Copper And Its Alloy	Antimony	BS EN 15079
74	CHEMICAL- METALS & ALLOYS	Copper And Its Alloy	Arsenic	BS EN 15079
75	CHEMICAL- METALS & ALLOYS	Copper And Its Alloy	Bismuth	BS EN 15079

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76	CHEMICAL- METALS & ALLOYS	Copper And Its Alloy	Cobalt	BS EN 15079
77	CHEMICAL- METALS & ALLOYS	Copper And Its Alloy	Iron	BS EN 15079
78	CHEMICAL- METALS & ALLOYS	Copper And Its Alloy	Lead	BS EN 15079
79	CHEMICAL- METALS & ALLOYS	Copper And Its Alloy	Nickel	BS EN 15079
80	CHEMICAL- METALS & ALLOYS	Copper And Its Alloy	Phosphorus	BS EN 15079
81	CHEMICAL- METALS & ALLOYS	Copper And Its Alloy	Silicon	BS EN 15079
82	CHEMICAL- METALS & ALLOYS	Copper And Its Alloy	Sulfur	BS EN 15079
83	CHEMICAL- METALS & ALLOYS	Copper And Its Alloy	Tin	BS EN 15079
84	CHEMICAL- METALS & ALLOYS	Copper And Its Alloy	Zinc	BS EN 15079
85	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	IS 9879
86	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
87	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
88	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086
89	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	IS 9879
90	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	IS 9879
91	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
92	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
93	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
94	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879

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95	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
96	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
97	CHEMICAL- METALS & ALLOYS	stainless Steel	Nickel	ASTM E1086
98	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
99	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	IS 9879
100	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 9879
101	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E1086
102	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 9879
103	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
104	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
105	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	ASTM E1086
106	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	IS 9879
107	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	IS 9879
108	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Oxygen	ASTM E2994
109	CHEMICAL- METALS & ALLOYS	Titanium And Its Alloys	Aluminium	ASTM E2994
110	CHEMICAL- METALS & ALLOYS	Titanium And Its Alloys	Carbon	ASTM E2994
111	CHEMICAL- METALS & ALLOYS	Titanium And Its Alloys	Chromium	ASTM E2994
112	CHEMICAL- METALS & ALLOYS	Titanium And Its Alloys	Copper	ASTM E2994
113	CHEMICAL- METALS & ALLOYS	Titanium And Its Alloys	Iron	ASTM E2994

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114	CHEMICAL- METALS & ALLOYS	Titanium And Its Alloys	Manganese	ASTM E2994
115	CHEMICAL- METALS & ALLOYS	Titanium And Its Alloys	Molybdenum	ASTM E2994
116	CHEMICAL- METALS & ALLOYS	Titanium And Its Alloys	Nickel	ASTM E2994
117	CHEMICAL- METALS & ALLOYS	Titanium And Its Alloys	Nitrogen	ASTM E2994
118	CHEMICAL- METALS & ALLOYS	Titanium And Its Alloys	Silicon	ASTM E2994
119	CHEMICAL- METALS & ALLOYS	Titanium And Its Alloys	Tin	ASTM E2994
120	CHEMICAL- METALS & ALLOYS	Titanium And Its Alloys	Vanadium	ASTM E2994
121	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Acidity	APHA 23rd Edition 2310 B
122	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Alkalinity as Caco3	APHA 23rd Edition 2320 B
123	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biochemical Oxygen Demand	IS 3025 (Part 44) Amd.1
124	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	APHA 23rd Edition 5220 B
125	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	IS 3025 (Part 38)
126	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	IS 3025 (Part 11)
127	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	APHA 23rd Edition, 2550-B
128	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solid	APHA 23rd Edition 2540 C
129	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solid	APHA 23rd Edition 2540 B
130	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA 23rd Edition 2540 D
131	CHEMICAL- WATER	Drinking Water	Alkalinity	APHA 23rd Edition 2320 B
132	CHEMICAL- WATER	Drinking Water	Calcium as Ca++	APHA 23rd Edition 3500 Ca B
133	CHEMICAL- WATER	Drinking Water	Calcium Hardness as CaCo3	APHA 23rd Edition 3500 Ca B

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134	CHEMICAL- WATER	Drinking Water	Magnesium as Mg++	APHA 23rd Edition 3500 Mg B
135	CHEMICAL- WATER	Drinking Water	Magnesium Hardness	APHA 23rd Edition 3500 Mg B
136	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
137	CHEMICAL- WATER	Drinking Water	Temperature	APHA 23rd Edition 2550 B
138	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 23rd 2540 C
139	CHEMICAL- WATER	Drinking Water	Total Hardness	APHA 23rd Edition 2340 C
140	CHEMICAL- WATER	Drinking Water	Total Solids	APHA 23rd Edition 2540 B
141	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	APHA 23rd Edition 2540 D
142	CHEMICAL- WATER	Ground Water	Alkalinity	APHA 23rd Edition 2320 B
143	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand	IS 3025 (Part 44)
144	CHEMICAL- WATER	Ground Water	Calcium as Ca++	APHA 23rd Edition 3500 Ca B
145	CHEMICAL- WATER	Ground Water	Calcium Hardness as CaCo3	APHA 23rd Edition 3500 Ca B
146	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	APHA 23rd Edition 5220 B
147	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	IS 3025 (Part 38)
148	CHEMICAL- WATER	Ground Water	Magnesium as Mg++	APHA 23rd Edition 3500 Mg B
149	CHEMICAL- WATER	Ground Water	Magnesium Hardness	APHA 23rd Edition 3500 Mg B
150	CHEMICAL- WATER	Ground Water	pH	IS 3025 (Part 11)
151	CHEMICAL- WATER	Ground Water	Temnperature	APHA 23rd Edition 2550 B
152	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 23rd 2540 C
153	CHEMICAL- WATER	Ground Water	Total Hardness	APHA 23rd Edition 2340 C
154	CHEMICAL- WATER	Ground Water	Total Solids	APHA 23rd Edition 2340 C
155	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA 23rd Edition 2540 D
156	CHEMICAL- WATER	Surface Water	Acidity	APHA 23rd Edition 2310 B
157	CHEMICAL- WATER	Surface Water	Alkalinity	APHA 23rd Edition 2320 B
158	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand	IS: 3025 (Part 44)
159	CHEMICAL- WATER	Surface Water	Calcium As Ca++	APHA 23rd Edition 3500 Ca B
160	CHEMICAL- WATER	Surface Water	Calcium Hardness as Caco3	APHA 23rd Edition 3500 Ca B
161	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	APHA 23rd Edition 5220 B
162	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS: 3025 (Part 38)
163	CHEMICAL- WATER	Surface Water	Magnesium As Mg++	APHA 23rd Edition 3500 Mg B

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164	CHEMICAL- WATER	Surface Water	Magnesium Hardness	APHA 23rd Edition 3500 Mg B
165	CHEMICAL- WATER	Surface water	pH	IS 3025 (Part 11)
166	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Edition 2550 B
167	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 23 rd 2540 C
168	CHEMICAL- WATER	Surface Water	Total Hardness	APHA 23rd Edition 2340 C
169	CHEMICAL- WATER	Surface Water	Total Solids	APHA 23rd Edition 2540 B
170	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA 23rd Edition 2540 D
171	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium And Its Alloy, Titanium And Its Alloys	Brinell Hardness	IS 1500 (Part-1)
172	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium And Its Alloy, Titanium And Its Alloys	Brinell Hardness	IS 1500-1
173	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium And Its Alloy, Titanium And Its Alloys	Rockwell Hardness	IS 1586 (Part-1)
174	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium And Its Alloys, Titanium And Its Alloys	% Elongation	IS 1608 (Part 1)
175	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium And Its Alloys, Titanium And Its Alloys	% Reduction In Area	IS 1608 (Part 1)
176	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium And Its Alloys, Titanium And Its Alloys	Proof Stress (0.2 %)	IS 1608 (Part 1)
177	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium And Its Alloys, Titanium And Its Alloys	Ultimate Tensile Strength	IS 1608 (Part 1)
178	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium And Its Alloys, Titanium And Its Alloys	Yield Stress	IS 1608 (Part 1)
179	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Brass	Bend Test	IS 1599
180	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel and Low Alloy Steel, Stainless steel, Alloy Steel	Rockwell Hardness	IS 1586 (Part-1)

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181	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel and Low Alloy Steel, Stainless steel, Alloy Steel	Rockwell Hardness	IS 1586 (Part-1)
182	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel and Low Alloy Steel, Stainless Steel, Alloy Steel, Cast Iron	% Elongation	IS 1608 (Part 1)
183	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel and Low Alloy Steel, Stainless Steel, Alloy Steel, Cast Iron	% Reduction In Area	IS 1608 (Part 1)
184	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel And Low Alloy Steel, Stainless Steel, Alloy Steel, Cast Iron	Proof Stress (0.2 %)	IS 1608 (Part 1)
185	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel And Low Alloy Steel, Stainless Steel, Alloy Steel, Cast Iron	Ultimate Tensile Strength	IS 1608 (Part 1)
186	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel And Low Alloy Steel, Stainless Steel, Alloy Steel, Cast Iron	Yield Stress	IS 1608 (Part 1)
187	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel and Low Alloy Steel, Stainless steel, cast iron	Brinell Hardness	IS 1500 (part-1)
188	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel and Low Alloy Steel, Stainless steel, cast iron	Brinell Hardness	IS 1500 (Part-1)
189	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cast Iron	Rockwell Hardness	IS 1586 (Part-1)
190	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	Proof Stress (0.2%)	IS 1608 (Part 1)
191	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Materials, Alloys And Products	% Elongation	IS 1608 (Part 1)
192	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Materials, Alloys And Products	% Reduction In Area	IS 1608 (Part 1)
193	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Materials, Alloys And Products, Brass	Brinell Hardness	IS 1500 (Part-1)
194	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Materials, Alloys And Products, Brass	Rockwell Hardness	IS 1586-1

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195	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Materials, Alloys And Products, Brass	Ultimate Tensile Strength	IS 1608 (Part 1)
196	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Materials, Alloys And Products, Brass	Yield Stress or 0.2% proof stress	IS 1608 (Part 1)
197	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys, Products	Yield	ASTM A370
198	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials , Alloys & Products	Flarring & Drift Expansion	ISO 8493
199	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials , Alloys & Products	Flarring & Drift Expansion	IS 2335
200	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials , Alloys & Products	Tensile Strength	ASTM A370
201	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elongation	ASTM A370
202	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, allows & products	% reduction in area	ASTM A370
203	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Elongation	ASTM E8/E8M
204	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Reduction In Area	ASTM E8/E8M
205	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Flattening	ISO 8492
206	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Flattering Test	IS 2328
207	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Proof Stress (0.2 %)	ASTM E8/E8M
208	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Proof Stress(0.2%)	ASTM A370

SCOPE OF ACCREDITATION

Laboratory Name : YOR LAB, PLOT NO. 42/2, SURVEY NO. 83, 150 FEET RING ROAD (WEST), VAVDI, RAJKOT, GUJARAT, 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
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Ultimate Tensile Strength	ASTM E8/E8M
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness	ASTM E 92
211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness	IS 6507 (Part 1)
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Yield Stress	ASTM E8/E8M
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non- Ferrous Metal, Alloys & Products	Rockwell Hardness	IS 1586-1
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non- Ferrous Metals, Alloys & Products	Flarring & Drift Expansion	IS 2335
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non- Ferrous Metals, Alloys & Products	Flarring & Drift Expansion	ISO 8493
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non- Ferrous Metals, Alloys & Products	Flattening	ISO 8492
217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non- Ferrous Metals, Alloys & Products	Vickers Hardness	IS 6507 (Part 1)
218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Metals, Alloys & Products	% Elongation	ASTM E8/E8M
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Metals, Alloys & Products	% Reduction In Area	ASTM E8/E8M
220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Metals, Alloys & Products	Brinell Hardness	IS 1500 Part - 1
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Metals, Alloys & Products	Proof Stress (0.2%)	ASTM E8/E8M
222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Metals, Alloys & Products	Rockwell Hardness	ASTM E18

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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
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Metals, Alloys & Products	Ultimate Tensile Strength	ASTM E8/E8M
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Metals, Alloys & Products	Yield Stress	ASTM E8/E8M
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Metals, Alloys& Products	Flattening	IS 2328
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Titanium and its Alloys	Rockwell Hardness	IS 1586 (Part 1)
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Steel Bar	Bend	IS 1786
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Steel Bar	Rebend	IS 1786
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Steel Bar, Round bar, Square Bar, Hax Bar	Bend	IS 1599
230	MECHANICAL-METALLOGRAPHY TEST	Aluminium And Its Alloy, Titanium And Its Alloys, Copper Materials, Alloys And Products	Macro Etch	ASTM E-340
231	MECHANICAL-METALLOGRAPHY TEST	Aluminium And Its Alloy, Titanium And Its Alloys, Copper Materials, Alloys And Products	Micro Structure Examination	ASM Hand book-Metallographic & Microstructure Vol. 9
232	MECHANICAL-METALLOGRAPHY TEST	Bearing Steel	Microscopic Examination (Carbide Structure)	SEP 1520
233	MECHANICAL-METALLOGRAPHY TEST	Carbon Steel and Low Alloy Steel	Case Depth by Microscopic Method	IS 6416
234	MECHANICAL-METALLOGRAPHY TEST	Carbon Steel and Low alloy Steel, Bearing Steel	Decarburization Depth	IS 6396
235	MECHANICAL-METALLOGRAPHY TEST	Carbon Steel and Low Alloy Steel, Stainless steel, Alloy Steel	Macro Etch	ASTM E-340
236	MECHANICAL-METALLOGRAPHY TEST	Carbon Steel and Low Alloy Steel, Stainless steel, Alloy steel	Micro Structure Examination	ASM Hand book-Metallographic & Microstructure Vol. 9
237	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Graphite Structure: Type, Size and Distribution.	IS 7754
238	MECHANICAL-METALLOGRAPHY TEST	Coated Products	Coating Thickness (Magnetic Method)	ASTM B499

National Accreditation Board for Testing and Calibration Laboratories

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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
239	MECHANICAL-METALLOGRAPHY TEST	Coated Products	Coating Thickness (Microscopic)	ASTM-B-487
240	MECHANICAL-METALLOGRAPHY TEST	Coated Products	Coating Thickness (Microscopic)	IS 3203
241	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material Alloys & products	Inclusion Rating	ASTM-E-45 (Method A)
242	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material Alloys & products	Inclusion Rating	IS 4163
243	MECHANICAL-METALLOGRAPHY TEST	Stainless steel, Carbon Steel and Low Alloy Steel	Grain Size (Comparison method)	ASTM E-112
244	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Carbon Black Content Test	IS: 2530
245	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Dimension Test	IS: 12235: (Part-1)
246	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Hydrostatic Test	IS: 12235: (Part-8)
247	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Melt Flow Index Test	IS: 2530
248	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Stress Relief	IS: 12235: (Part-6)
249	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Tensile Test	IS: 12235: (Part-13)
250	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Density Test	IS: 12235 (Part-14)
251	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Impact Test	IS: 4985
252	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Migration	IS: 9845
253	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Opacity Test	IS: 12235 (Part-3)
254	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Reversion Test	IS: 12235 (Part-5)
255	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Sulphated Ash	IS: 4985
256	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Vicat softening	IS: 12235: (Part-2)