National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CHEMICAL AND METALLURGICAL LABORATORIES, #57,1ST FLOOR, 8TH MAIN, PETE CHENNAPPA INDUSTRIAL ESTATE,KAMAKSHIPALYA, MAGADI MAIN ROAD, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 07/09/2021 to 06/09/2023 **Last Amended on** 13/10/2021

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-#57,1ST FLOOR, 8TH MAIN, PETE CHENNAPPA INDUSTRIAL ESTATE,KAMAKSHIPALYA, MAGADI MAIN ROAD, BENGALURU, KARNATAKA, INDIA Permanent Facility				
1	CHEMICAL- METALS & ALLOYS	aluminium base	bismuth	ASTM E 1251
2	CHEMICAL- METALS & ALLOYS	aluminium base	chromium	ASTM E 1251
3	CHEMICAL- METALS & ALLOYS	aluminium base	Copper	ASTM E 1251
4	CHEMICAL- METALS & ALLOYS	aluminium base	Iron	ASTM E 1251
5	CHEMICAL- METALS & ALLOYS	aluminium base	lead	ASTM E 1251
6	CHEMICAL- METALS & ALLOYS	aluminium base	Magnesium	ASTM E 1251
7	CHEMICAL- METALS & ALLOYS	aluminium base	Manganese	ASTM E 1251
8	CHEMICAL- METALS & ALLOYS	aluminium base	Nickel	ASTM E 1251
9	CHEMICAL- METALS & ALLOYS	aluminium base	Silicon	ASTM E 1251
10	CHEMICAL- METALS & ALLOYS	aluminium base	Tin	ASTM E 1251
11	CHEMICAL- METALS & ALLOYS	aluminium base	Titanium	ASTM E 1251
12	CHEMICAL- METALS & ALLOYS	aluminium base	Zinc	ASTM E 1251
13	CHEMICAL- METALS & ALLOYS	aluminium base	Zirconium	ASTM E 1251
14	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Chromium	ASTM E1476
15	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Chromium	ASTM E1916
16	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Copper	ASTM E 1916
17	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Copper	ASTM E1476
18	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Iron	ASTM E 1916

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Laboratory Name : CHEMICAL AND METALLURGICAL LABORATORIES, #57,1ST FLOOR, 8TH MAIN, PETE CHENNAPPA INDUSTRIAL ESTATE,KAMAKSHIPALYA, MAGADI MAIN ROAD, BENGALURU, KARNATAKA, 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
19	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Iron	ASTM E1476
20	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Magnesium	ASTM E 1476
21	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Magnesium	ASTM E1916
22	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Manganese	ASTM E1476
23	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Manganese	ASTM E1916
24	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Silicon	ASTM E1476
25	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Silicon	ASTM E1916
26	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Titanium	ASTM E 1476
27	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Titanium	ASTM E1916
28	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Vanadium	ASTM E 1476
29	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Vanadium	ASTM E1916
30	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Zinc	ASTM E1476
31	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Zinc	ASTM E1916
32	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	JIS G 1253
33	CHEMICAL- METALS & ALLOYS	Cast iron	Chromium	JIS G 1253
34	CHEMICAL- METALS & ALLOYS	Cast iron	Copper	JIS G 1253
35	CHEMICAL- METALS & ALLOYS	Cast iron	Magnesium	JIS G 1253
36	CHEMICAL- METALS & ALLOYS	Cast iron	Manganese	JIS G 1253
37	CHEMICAL- METALS & ALLOYS	Cast iron	Molybdenum	JIS G 1253

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Laboratory Name :	CHEMICAL AND METALLURGICAL LABORATORIES, #57,1ST FLOOR, 8TH MAIN, PETE CHENNAPPA INDUSTRIAL ESTATE,KAMAKSHIPALYA, MAGADI MAIN ROAD, BENGALURU, KARNATAKA, 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
38	CHEMICAL- METALS & ALLOYS	Cast iron	NIckel	JIS G 1253
39	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	JIS G 1253
40	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	JIS G 1253
41	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	JIS G 1253
42	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	JIS G 1253
43	CHEMICAL- METALS & ALLOYS	Cast iron	Titanium	JIS G 1253
44	CHEMICAL- METALS & ALLOYS	Cast iron	Vanadium	JIS G 1253
45	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Chromium	ASTM E 1916
46	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Copper	ASTM E1476
47	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Copper	ASTM E1916
48	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Iron	ASTM E1476
49	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Iron	ASTM E1916
50	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Manganese	ASTM E1916
51	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Molybdenum	ASTM E 1476
52	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Molybdenum	ASTM E1916
53	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Nickel	ASTM E1476
54	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Nickel	ASTM E1916
55	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Niobium	ASTM E 1476
56	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Niobium	ASTM E1916

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57	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Titanium	ASTM E 1916
58	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Titanium	ASTM E1476
59	CHEMICAL- METALS & ALLOYS	Cobalt Base and its alloys	Molybdenum	ASTM E1476
60	CHEMICAL- METALS & ALLOYS	Cobalt Base it's alloys	Chromium	ASTM E 1476
61	CHEMICAL- METALS & ALLOYS	copper base	Aluminium	BS EN 15079
62	CHEMICAL- METALS & ALLOYS	copper base	Bismuth	BS EN 15079
63	CHEMICAL- METALS & ALLOYS	copper base	Iron	BS EN 15079
64	CHEMICAL- METALS & ALLOYS	copper base	Lead	BS EN 15079
65	CHEMICAL- METALS & ALLOYS	copper base	Manganese	BS EN 15079
66	CHEMICAL- METALS & ALLOYS	copper base	Nickel	BS EN 15079
67	CHEMICAL- METALS & ALLOYS	copper base	Phosphorus	BS EN 15079
68	CHEMICAL- METALS & ALLOYS	copper base	Silicon	BS EN 15079
69	CHEMICAL- METALS & ALLOYS	copper base	Tin	BS EN 15079
70	CHEMICAL- METALS & ALLOYS	copper base	Zinc	BS EN 15079
71	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Aluminium	ASTM E 1476
72	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Aluminium	ASTM E1916
73	CHEMICAL- METALS & ALLOYS	copper base and it's alloys	Beryllium	BS EN 15079
74	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Chromium	BS EN 15079
75	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Iron	ASTM E 1476

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76	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Iron	ASTM E 1916
77	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Lead	ASTM E 1476
78	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Lead	ASTM E1916
79	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Manganese	ASTM E 1476
80	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Manganese	ASTM E1916
81	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Nickel	ASTM E 1476
82	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Nickel	ASTM E 1916
83	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Tin	ASTM E 1476
84	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Tin	ASTM E1916
85	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Zinc	ASTM E 1476
86	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Zinc	ASTM E1916
87	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Zirconium	BS EN 15079
88	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Chromium	ASTM E 1476
89	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Chromium	ASTM E 1916
90	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Cobalt	ASTM E 1476
91	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Cobalt	ASTM E 1916
92	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Copper	ASTM E 1476
93	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Copper	ASTM E1916
94	CHEMICAL- METALS & ALLOYS	Ferrous Base And it's alloys	Manganese	ASTM E 1476

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95	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Manganese	ASTM E1916
96	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Molybdenum	ASTM E 1476
97	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Molybdenum	ASTM E 1916
98	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Nickel	ASTM E 1476
99	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Nickel	ASTM E 1916
100	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Niobium	ASTM E 1476
101	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Niobium	ASTM E1916
102	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Titanium	ASTM E 1476
103	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Titanium	ASTM E 1916
104	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Tungsten	ASTM E 1476
105	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Tungsten	ASTM E1916
106	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Vanadium	ASTM E 1476
107	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Vanadium	ASTM E1916
108	CHEMICAL- METALS & ALLOYS	Ferrous base, Plain carbon/Low alloy steel & free Cutting Steel	Aluminium	JIS G 1253
109	CHEMICAL- METALS & ALLOYS	Ferrous base, Plain carbon/Low alloy steel & free Cutting Steel	Boron	JIS G 1253
110	CHEMICAL- METALS & ALLOYS	Ferrous base, Plain carbon/Low alloy steel & free Cutting Steel	Carbon	JIS G 1253
111	CHEMICAL- METALS & ALLOYS	Ferrous base, Plain carbon/Low alloy steel & free Cutting Steel	Chromium	JIS G1253
112	CHEMICAL- METALS & ALLOYS	Ferrous base, Plain carbon/Low alloy steel & free Cutting Steel	Cobalt	JIS G 1253
113	CHEMICAL- METALS & ALLOYS	Ferrous base, Plain carbon/Low alloy steel & free Cutting Steel	Copper	JIS G 1253

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114	CHEMICAL- METALS & ALLOYS	Ferrous base, Plain carbon/Low alloy steel & free Cutting Steel	Lead	JIS G 1253
115	CHEMICAL- METALS & ALLOYS	Ferrous base, Plain carbon/Low alloy steel & free Cutting Steel	Manganese	JIS G 1253
116	CHEMICAL- METALS & ALLOYS	Ferrous base, Plain carbon/Low alloy steel & free Cutting Steel	Molybdenum	JIS G 1253
117	CHEMICAL- METALS & ALLOYS	Ferrous base, Plain carbon/Low alloy steel & free Cutting Steel	Nickel	JIS G 1253
118	CHEMICAL- METALS & ALLOYS	Ferrous base, Plain carbon/Low alloy steel & free Cutting Steel	Phosphorus	JIS G 1253
119	CHEMICAL- METALS & ALLOYS	Ferrous base, Plain carbon/Low alloy steel & free Cutting Steel	Silicon	JIS G 1253
120	CHEMICAL- METALS & ALLOYS	Ferrous base, Plain carbon/Low alloy steel & free Cutting Steel	Sulphur	JIS G 1253
121	CHEMICAL- METALS & ALLOYS	Ferrous base, Plain carbon/Low alloy steel & free Cutting Steel	Titanium	JIS G 1253
122	CHEMICAL- METALS & ALLOYS	Ferrous base, Plain carbon/Low alloy steel & free Cutting Steel	Vanadium	JIS G 1253
123	CHEMICAL- METALS & ALLOYS	Ferrous base, Stainless Steel	Carbon	JIS G 1253
124	CHEMICAL- METALS & ALLOYS	Ferrous base, Stainless Steel	Chromium	JIS G 1253
125	CHEMICAL- METALS & ALLOYS	Ferrous base, Stainless Steel	Cobalt	JIS G 1253
126	CHEMICAL- METALS & ALLOYS	Ferrous base, Stainless Steel	Copper	JIS G 1253
127	CHEMICAL- METALS & ALLOYS	Ferrous base, Stainless Steel	Manganese	JIS G 1253
128	CHEMICAL- METALS & ALLOYS	Ferrous base, Stainless Steel	Molybdenum	JIS G 1253
129	CHEMICAL- METALS & ALLOYS	Ferrous base, Stainless Steel	Nickel	JIS G 1253
130	CHEMICAL- METALS & ALLOYS	Ferrous base, Stainless Steel	niobium	JIS G 1253
131	CHEMICAL- METALS & ALLOYS	Ferrous base, Stainless Steel	Phosphorus	JIS G 1253
132	CHEMICAL- METALS & ALLOYS	Ferrous base, Stainless Steel	Silicon	JIS G 1253

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133	CHEMICAL- METALS & ALLOYS	Ferrous base, Stainless Steel	sulphur	JIS G 1253
134	CHEMICAL- METALS & ALLOYS	Ferrous base, Stainless Steel	Titanium	JIS G 1253
135	CHEMICAL- METALS & ALLOYS	Gold base and it's alloys	Cadmium	ASTM E1476
136	CHEMICAL- METALS & ALLOYS	Gold base and it's alloys	Cadmium	ASTM E1916
137	CHEMICAL- METALS & ALLOYS	Gold base and it's alloys	Copper	ASTM E 1916
138	CHEMICAL- METALS & ALLOYS	Gold base and it's alloys	Copper	ASTM E1476
139	CHEMICAL- METALS & ALLOYS	Gold base and it's alloys	Silver	ASTM E 1916
140	CHEMICAL- METALS & ALLOYS	Gold base and it's alloys	Silver	ASTM E1476
141	CHEMICAL- METALS & ALLOYS	Gold base and it's alloys	Zinc	ASTM E 1476
142	CHEMICAL- METALS & ALLOYS	Gold base and it's alloys	Zinc	ASTM E1916
143	CHEMICAL- METALS & ALLOYS	High manganese steel	Carbon	JIS G 1253
144	CHEMICAL- METALS & ALLOYS	High manganese steel	Chromium	JIS G 1253
145	CHEMICAL- METALS & ALLOYS	high manganese Steel	Cobalt	JIS G 1253
146	CHEMICAL- METALS & ALLOYS	high Manganese Steel	Copper	JIS G 1253
147	CHEMICAL- METALS & ALLOYS	high manganese steel	manganese	JIS G 1253
148	CHEMICAL- METALS & ALLOYS	high manganese steel	nickel	JIS G 1253
149	CHEMICAL- METALS & ALLOYS	high manganese Steel	Niobium	JIS G 1253
150	CHEMICAL- METALS & ALLOYS	high manganese steel	phosphorus	JIS G 1253
151	CHEMICAL- METALS & ALLOYS	high manganese steel	silicon	JIS G 1253

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152	CHEMICAL- METALS & ALLOYS	high manganese steel	sulfur	JIS G 1253
153	CHEMICAL- METALS & ALLOYS	high manganese Steel	Titanium	JIS G 1253
154	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Antimony	ASTM E 1916
155	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Antimony	ASTM E1476
156	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Bismuth	ASTM E 1916
157	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Bismuth	ASTM E1476
158	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Copper	ASTM E 1476
159	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Copper	ASTM E1916
160	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Iron	ASTM E 1476
161	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Iron	ASTM E 1916
162	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Manganese	ASTM E 1916
163	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Manganese	ASTM E1476
164	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Tin	ASTM E 1916
165	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Tin	ASTM E1476
166	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Tin	ASTM E1916
167	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Zinc	ASTM E 1476
168	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Zinc	ASTM E1916
169	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Chromium	ASTM E 1916
170	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Chromium	ASTM E1476

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171	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Cobalt	ASTM E 1476
172	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Cobalt	ASTM E1916
173	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Copper	ASTM E1476
174	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Copper	ASTM E1916
175	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Iron	ASTM E 1916
176	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Iron	ASTM E1476
177	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Manganese	ASTM E 1476
178	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Manganese	ASTM E 1916
179	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Molybdenum	ASTM E 1476
180	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Molybdenum	ASTM E 1916
181	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Niobium	ASTM E 1916
182	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Niobium	ASTM E1476
183	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Titanium	ASTM E1476
184	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Titanium	ASTM E1916
185	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Cadmium	ASTM E 1476
186	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Cadmium	ASTM E1916
187	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Copper	ASTM E 1476
188	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Copper	ASTM E1916
189	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Iron	ASTM E1476

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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
190	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Iron	ASTM E1916
191	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Nickel	ASTM E1476
192	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Nickel	ASTM E1916
193	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Tin	ASTM E1476
194	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Tin	ASTM E1916
195	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Zinc	ASTM E1476
196	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Zinc	ASTM E1916
197	CHEMICAL- METALS & ALLOYS	Tin / Solder	Lead	CML/QAP/Sn 002
198	CHEMICAL- METALS & ALLOYS	tin base/solders	antimony	CML/QAP/Sn 002
199	CHEMICAL- METALS & ALLOYS	tin base/solders	arsenic	CML/QAP/Sn 002
200	CHEMICAL- METALS & ALLOYS	tin base/solders	cadmium	CML/QAP/Sn 002
201	CHEMICAL- METALS & ALLOYS	tin base/solders	copper	CML/QAP/Sn 002
202	CHEMICAL- METALS & ALLOYS	tin base/solders	iron	CML/QAP/Sn 002
203	CHEMICAL- METALS & ALLOYS	tin base/solders	nickel	CML/QAP/Sn 002
204	CHEMICAL- METALS & ALLOYS	tin base/solders	silver	CML/QAP/Sn 002
205	CHEMICAL- METALS & ALLOYS	tin base/soldres	zinc	CML/QAP/Sn 002
206	CHEMICAL- METALS & ALLOYS	Titanium Base and It's alloys	Aluminium	ASTM E 1476
207	CHEMICAL- METALS & ALLOYS	Titanium Base and It's alloys	Aluminium	ASTM E 1916
208	CHEMICAL- METALS & ALLOYS	Titanium Base and It's alloys	Iron	ASTM E 1916

SCOPE OF ACCREDITATION

Laboratory Name :	CHEMICAL AND METALLURGICAL LABORATORIES, #57,1ST FLOOR, 8TH MAIN, PETE CHENNAPPA INDUSTRIAL ESTATE,KAMAKSHIPALYA, MAGADI MAIN ROAD, BENGALURU, KARNATAKA, INDIA
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Certificate Number	TC-7510
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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	CHEMICAL- METALS & ALLOYS	Titanium Base and It's alloys	Iron	ASTM E1476
210	CHEMICAL- METALS & ALLOYS	Titanium Base and It's alloys	Vanadium	ASTM E 1476
211	CHEMICAL- METALS & ALLOYS	Titanium Base and It's alloys	Vanadium	ASTM E 1916
212	CHEMICAL- METALS & ALLOYS	tool steel/die steel	Carbon	JIS G1253
213	CHEMICAL- METALS & ALLOYS	tool steel/die steel	Chromium	JIS G 1253
214	CHEMICAL- METALS & ALLOYS	tool steel/die steel	cobalt	JIS G1253
215	CHEMICAL- METALS & ALLOYS	tool steel/die steel	Manganese	JIS G1253
216	CHEMICAL- METALS & ALLOYS	tool steel/die steel	molybdenum	JIS G1253
217	CHEMICAL- METALS & ALLOYS	tool steel/die steel	phosphorus	JIS G1253
218	CHEMICAL- METALS & ALLOYS	tool steel/die steel	silicon	JIS G1253
219	CHEMICAL- METALS & ALLOYS	Tool steel/die steel	sulphur	JIS G1253
220	CHEMICAL- METALS & ALLOYS	tool steel/die steel	Tungsten	JIS G1253
221	CHEMICAL- METALS & ALLOYS	tool steel/die steel	Vanadium	JIS G1253
222	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Aluminium	ASTM E 1476
223	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Aluminium	ASTM E1916
224	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Copper	ASTM E1476
225	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Copper	ASTM E1916
226	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Iron	ASTM E1476
227	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Iron	ASTM E1916

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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
228	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Lead	ASTM E1476
229	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Lead	ASTM E1916
230	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Nickel	ASTM E 1916
231	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Nickel	ASTM E1476
232	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Tin	ASTM E 1476
233	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Tin	ASTM E1916
234	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Titanium	ASTM E 1916
235	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Titanium	ASTM E1476
236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Base and it's Alloy	Hardness Test	ISO 15614-1
237	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Base and it's Alloy	Macro Examination	ISO 15614-1
238	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Machined surface of ferrous and non ferrous materials	Surface Roughness, Ra, Rq, Rz	is 3073
239	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Brinell Hardness Test (HBW) (5 mm ball/ 250 kg load)	IS 1500 (P-1)
240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	VICKER'S HARDNESS HV10, 10Kg/ Diamond Pyramid	IS 12783
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	VICKER'S HARDNESS HV10, 10Kg/ Diamond Pyramid	ISO 6507 (P-1)
242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	VICKER'S HARDNESS HV5, 5Kg/ Diamond Pyramid	ASTM E92
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials VICKER'S HARDNESS HV5 5Kg/ Diamond Pyramid	VICKER'S HARDNESS HV5, 5Kg/ Diamond Pyramid	ISO 6507 (P-1)

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244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	% Elongation	IS 1608
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test (HBW) (2.5 mm Ball/ 187.5 kg load)	ASTM E10
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	Brinell Hardness Test (HBW) (5 mm ball/ 250 kg load)	ASTM E10
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	Brinell Hardness Test (HBW) (5 mm ball/ 250 kg load)	ISO 6506
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test(HBW) (2.5 mm Ball /187.5 Kg Load)	IS 1500(Part-1)
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Leeb hardness test (portable hardness)	ASTM A956
250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRA)	ASTM E18
251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRB) 100 Kg/ 1/16th ball indenter	ASTM E18
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRB) 100 Kg/ 1/16th ball indenter	IS 1586(P-1)
253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRB) 100 Kg/ 1/16th ball indenter	ISO 6508 (P-1)
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRC) 150 Kg/ Diamond Indenter	ASTM E18
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRC) 150 Kg/ Diamond Indenter	IS 1586(P-1)
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRC) 150 Kg/ Diamond Indenter	ISO 6508 (P-1)
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	ROCKWELL Hardness Test (HRA) (60 Kg/ Diamond indenter)	IS 1586 (P-1)

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258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Rockwell hardness(HRA) (60 Kg/ Diamond indenter)	ISO 6508 (P-1)
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Tensile Strength	IS 1608
260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	VICKER'S HARDNESS HV1, 1Kg/ Diamond Pyramid	IS 12783
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	VICKER'S HARDNESS HV1, 1Kg/ Diamond Pyramid	IS 1501 (P-1)
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	VICKER'S HARDNESS HV1, 1Kg/ Diamond Pyramid	ISO 6507 (P-1)
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	VICKER'S HARDNESS HV1, 1Kg/ Diamond Pyramid	ASTM E92
264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	VICKER'S HARDNESS HV10, 10Kg/ Diamond Pyramid	ASTM E92
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	VICKER'S HARDNESS HV10, 10Kg/ Diamond Pyramid	IS 1501 (P-1)
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	VICKER'S HARDNESS HV30, 30Kg/ Diamond Pyramid	ASTM E92
267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	VICKER'S HARDNESS HV30, 30Kg/ Diamond Pyramid	IS 1501 (P-1)
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	VICKER'S HARDNESS HV30, 30Kg/ Diamond Pyramid	ISO 6507 (P-1)
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	VICKER'S HARDNESS HV5, 5Kg/ Diamond Pyramid	IS 12783
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	VICKER'S HARDNESS HV5, 5Kg/ Diamond Pyramid	IS 1501 (P-1)

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271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic/ Non metallic coating on iron base, copper base, Aluminum base, Plastics & etc	Coating thickness for ferrous and Non Ferrous by magnetic field/Eddy current(electro magnet method)	ASTM E376
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic/ Non metallic coating on iron base, copper base, Aluminum base, Plastics & etc	Measurement of coating thickness by eddy current method	IS 6012
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforced TMT Bar	Rebend Test	IS 1786
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforced TMT Bar	Bend Test	IS 1786
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Nickel & Titanium and there alloys	Quality Levels of Imperfections by Macro Inspection	ISO 5817
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Rod	Bend	IS 1786
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT rod	Rebend test	IS 1786
278	MECHANICAL-METALLOGRAPHY TEST	Non ferrous materials	Cladding Thickness	IS 3203
279	MECHANICAL-METALLOGRAPHY TEST	Aluminum & Aluminium Alloy Products	Macro Examination (Magnification 10 X to 50 X)	IS 12573
280	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non ferrous materials	Micro structural (Magnification-100 X to 2000 X)	ASM Handbook Volume-7 & 9
281	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non ferrous materials	Macro Examination (Magnification 10 X to 50 X)	ASM Handbook Volume 9
282	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials	Macro Examination (Magnification 10 X to 50 X)	ASTM E381
283	MECHANICAL-METALLOGRAPHY TEST	Iron castings	Micro-structure of graphite by Micro-scopic method (Magnification 100 X to 500 X)	IS 7754
284	MECHANICAL-METALLOGRAPHY TEST	Iron castings	Micro-structure of Graphite by Microscopic Method (Magnification-100 X to 500 X)	ASM Handbook Volume 9

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285	MECHANICAL-METALLOGRAPHY TEST	Iron Castings	Micro-structure of graphite by Microscopic Method (Magnification-100 X to 500 X)	ASTM A247
286	MECHANICAL-METALLOGRAPHY TEST	Metallic materials	Estimation of Average grain size	ASTM E112
287	MECHANICAL-METALLOGRAPHY TEST	Metallic products	estimation of average grain size	IS 4748
288	MECHANICAL-METALLOGRAPHY TEST	Steel and Electroplated Anodized aluminium	Neutral salt spray	IS 9844
289	MECHANICAL-METALLOGRAPHY TEST	Steel and electroplated anodized aluminium	salt spray fog test	ASTM B117
290	MECHANICAL-METALLOGRAPHY TEST	Steel Products	Effective case depth by Hardness survey	IS 6416
291	MECHANICAL-METALLOGRAPHY TEST	Steel Products	Jominy End Quench Test	IS 3848
292	MECHANICAL-METALLOGRAPHY TEST	Steel Products	Macro examination (Magnification 10 X to 50 X)	IS 13015
293	MECHANICAL-METALLOGRAPHY TEST	Steel products	Measuring Decarburized depth	IS 6396
294	MECHANICAL-METALLOGRAPHY TEST	Steel Products	Non Metallic Inclusion Rating	IS 4163
295	MECHANICAL-METALLOGRAPHY TEST	Steel products	Total case depth	IS 6416
296	MECHANICAL-METALLOGRAPHY TEST	Wrought Steel Products	Macro Examination (Magnification- 10 X to 50 X)	IS 11371
297	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Granules	Melt Flow Index(Melt Mass-Flow Rate)	IS 13360 part-4-1
298	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material and products	% elongation	IS 13360 part 5 Sec-1
299	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	plastic materials and products	Tensile Strength	IS 13360 part 5 sec 1
300	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic products	Shore "D" Hardness	ASTM D2240
301	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber products	Shore "A" Hardness	ASTM D 2240
302	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber and Rubber products	% Elongation	IS 3400 P-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
303	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber and Rubber Products	Tensile strength	IS 3400 part-1

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LOCATION 1-#57,1ST FLOOR, 8TH MAIN, PETE CHENNAPPA INDUSTRIAL ESTATE,KAMAKSHIPALYA, MAGADI MAIN ROAD, BENGALURU, KARNATAKA, INDIA Site Facility				
1	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Chromium	ASTM E1476
2	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Chromium	ASTM E1916
3	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Copper	ASTM E 1916
4	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Copper	ASTM E1476
5	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Iron	ASTM E 1916
6	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Iron	ASTM E1476
7	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Magnesium	ASTM E 1476
8	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Magnesium	ASTM E1916
9	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Manganese	ASTM E1476
10	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Manganese	ASTM E1916
11	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Silicon	ASTM E1476
12	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Silicon	ASTM E1916
13	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Titanium	ASTM E 1476
14	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Titanium	ASTM E1916
15	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Vanadium	ASTM E 1476
16	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Vanadium	ASTM E1916
17	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Zinc	ASTM E1476
18	CHEMICAL- METALS & ALLOYS	Aluminium base and it's alloys	Zinc	ASTM E1916

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19	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Chromium	ASTM E 1916
20	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Copper	ASTM E1476
21	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Copper	ASTM E1916
22	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Iron	ASTM E1476
23	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Iron	ASTM E1916
24	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Manganese	ASTM E1916
25	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Molybdenum	ASTM E 1476
26	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Molybdenum	ASTM E1916
27	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Nickel	ASTM E1476
28	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Nickel	ASTM E1916
29	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Niobium	ASTM E 1476
30	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Niobium	ASTM E1916
31	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Titanium	ASTM E 1916
32	CHEMICAL- METALS & ALLOYS	Cobalt Base and it's alloys	Titanium	ASTM E1476
33	CHEMICAL- METALS & ALLOYS	Cobalt Base and its alloys	Molybdenum	ASTM E1476
34	CHEMICAL- METALS & ALLOYS	Cobalt Base it's alloys	Chromium	ASTM E 1476
35	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Aluminium	ASTM E 1476
36	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Aluminium	ASTM E1916
37	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Iron	ASTM E 1476

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38	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Iron	ASTM E 1916
39	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Lead	ASTM E 1476
40	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Lead	ASTM E1916
41	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Manganese	ASTM E 1476
42	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Manganese	ASTM E1916
43	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Nickel	ASTM E 1476
44	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Nickel	ASTM E 1916
45	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Tin	ASTM E 1476
46	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Tin	ASTM E1916
47	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Zinc	ASTM E 1476
48	CHEMICAL- METALS & ALLOYS	Copper Base and it's alloys	Zinc	ASTM E1916
49	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Chromium	ASTM E 1476
50	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Chromium	ASTM E 1916
51	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Cobalt	ASTM E 1476
52	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Cobalt	ASTM E 1916
53	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Copper	ASTM E 1476
54	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Copper	ASTM E1916
55	CHEMICAL- METALS & ALLOYS	Ferrous Base And it's alloys	Manganese	ASTM E 1476
56	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Manganese	ASTM E1916

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57	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Molybdenum	ASTM E 1476
58	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Molybdenum	ASTM E 1916
59	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Nickel	ASTM E 1476
60	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Nickel	ASTM E 1916
61	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Niobium	ASTM E 1476
62	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Niobium	ASTM E1916
63	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Titanium	ASTM E 1476
64	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Titanium	ASTM E 1916
65	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Tungsten	ASTM E 1476
66	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Tungsten	ASTM E1916
67	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Vanadium	ASTM E 1476
68	CHEMICAL- METALS & ALLOYS	Ferrous Base and it's alloys	Vanadium	ASTM E1916
69	CHEMICAL- METALS & ALLOYS	Gold base and it's alloys	Cadmium	ASTM E1476
70	CHEMICAL- METALS & ALLOYS	Gold base and it's alloys	Cadmium	ASTM E1916
71	CHEMICAL- METALS & ALLOYS	Gold base and it's alloys	Copper	ASTM E 1916
72	CHEMICAL- METALS & ALLOYS	Gold base and it's alloys	Copper	ASTM E1476
73	CHEMICAL- METALS & ALLOYS	Gold base and it's alloys	Silver	ASTM E 1916
74	CHEMICAL- METALS & ALLOYS	Gold base and it's alloys	Silver	ASTM E1476
75	CHEMICAL- METALS & ALLOYS	Gold base and it's alloys	Zinc	ASTM E 1476

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76	CHEMICAL- METALS & ALLOYS	Gold base and it's alloys	Zinc	ASTM E1916
77	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Antimony	ASTM E 1916
78	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Antimony	ASTM E1476
79	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Bismuth	ASTM E 1916
80	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Bismuth	ASTM E1476
81	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Copper	ASTM E 1476
82	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Copper	ASTM E1916
83	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Iron	ASTM E 1476
84	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Iron	ASTM E 1916
85	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Manganese	ASTM E 1916
86	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Manganese	ASTM E1476
87	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Tin	ASTM E 1916
88	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Tin	ASTM E1476
89	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Tin	ASTM E1916
90	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Zinc	ASTM E 1476
91	CHEMICAL- METALS & ALLOYS	Lead Base and it's alloys	Zinc	ASTM E1916
92	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Chromium	ASTM E 1916
93	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Chromium	ASTM E1476
94	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Cobalt	ASTM E 1476

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95	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Cobalt	ASTM E1916
96	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Copper	ASTM E1476
97	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Copper	ASTM E1916
98	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Iron	ASTM E 1916
99	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Iron	ASTM E1476
100	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Manganese	ASTM E 1476
101	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Manganese	ASTM E 1916
102	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Molybdenum	ASTM E 1476
103	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Molybdenum	ASTM E 1916
104	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Niobium	ASTM E 1916
105	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Niobium	ASTM E1476
106	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Titanium	ASTM E1476
107	CHEMICAL- METALS & ALLOYS	Nickel Base and It's Alloys	Titanium	ASTM E1916
108	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Cadmium	ASTM E 1476
109	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Cadmium	ASTM E1916
110	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Copper	ASTM E 1476
111	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Copper	ASTM E1916
112	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Iron	ASTM E1476
113	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Iron	ASTM E1916

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114	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Nickel	ASTM E1476
115	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Nickel	ASTM E1916
116	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Tin	ASTM E1476
117	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Tin	ASTM E1916
118	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Zinc	ASTM E1476
119	CHEMICAL- METALS & ALLOYS	Silver base and it's alloys	Zinc	ASTM E1916
120	CHEMICAL- METALS & ALLOYS	Titanium Base and It's alloys	Aluminium	ASTM E 1476
121	CHEMICAL- METALS & ALLOYS	Titanium Base and It's alloys	Aluminium	ASTM E 1916
122	CHEMICAL- METALS & ALLOYS	Titanium Base and It's alloys	Iron	ASTM E 1916
123	CHEMICAL- METALS & ALLOYS	Titanium Base and It's alloys	Iron	ASTM E1476
124	CHEMICAL- METALS & ALLOYS	Titanium Base and It's alloys	Vanadium	ASTM E 1476
125	CHEMICAL- METALS & ALLOYS	Titanium Base and It's alloys	Vanadium	ASTM E 1916
126	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Aluminium	ASTM E 1476
127	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Aluminium	ASTM E1916
128	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Copper	ASTM E1476
129	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Copper	ASTM E1916
130	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Iron	ASTM E1476
131	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Iron	ASTM E1916
132	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Lead	ASTM E1476

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133	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Lead	ASTM E1916
134	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Nickel	ASTM E 1916
135	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Nickel	ASTM E1476
136	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Tin	ASTM E 1476
137	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Tin	ASTM E1916
138	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Titanium	ASTM E 1916
139	CHEMICAL- METALS & ALLOYS	Zinc base and it's alloys	Titanium	ASTM E1476
140	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic materials	Leeb hardness test (portable hardness)	ASTM A956
141	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic/ Non metallic coating on iron base, copper base, Aluminum base, Plastics & etc	Coating thickness for ferrous and Non Ferrous by magnetic field/Eddy current(electro magnet method)	ASTM E376
142	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic/ Non metallic coating on iron base, copper base, Aluminum base, Plastics & etc	Measurement of coating thickness by eddy current method	IS 6012

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LOCATION 2 - #36/1,12TH MAIN,17TH WARD,VRUSHABAVATI NAGAR, BENGALURU, KARNATAKA, INDIA Permanent Facility				
1	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials-Tube	Drift ExpansionTest	IS 2335
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FusionWelded Joints materials	Transverse Root Bend, Face bend onButt Weld	ISO 5173
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FusionWelded Joints Materials	Transverse Root bend, Face bend onButt weld	IS 3600 (P-5)
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FusionWelded Joints Materials	Transverse Side bend Test	IS 3600 (Part -6)
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FusionWelded Joints materials	Transverse Side bend test	ISO5173
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FusionWelded Joints Materials	Transverse Tensiletest	IS 3600 (P-3)
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fusionwelded joints materials	Transversetensiletest	ISO 4136
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel bars and wires(4 to 40 mm section).	%ofElongation	IS 1786
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel bars and wires(4 to 40 mm section).	0.2 %ProofStress	IS 1786
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel bars and wires(4 to 40 mm section).	Ultimate Tensile Strength	IS 1786
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel bars and wires(4 to 40 mm section).	Yield Strength	IS 1786
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel bars and wires(4 to 40 mm section).	% inReduction In area	IS 1786
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Bend Test	ISO 7438

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14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Yield Strength	IS 1608
15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	%in reduction inArea	ASTME 8
16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	%inReduction in area	ASTMA370
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	%inReduction inArea	Is 1608
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	%inReduction inArea	ISO 6892
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	%ofElongation	ASTMA370
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	%ofelongation	ASTME8
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	%ofElongation	IS 1608
22	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	%ofElongation	IS1608
23	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	%ofElongation	ISO 6892
24	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	0.2 %ProofStress	ASTMA370
25	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	0.2 %ProofStress	ASTME 8
26	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	0.2 %ProofStress	IS 1608
27	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	0.2 %proofStress	ISO 6892

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28	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Bend Test	IS 1599
29	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Charpy Impact test 'V' Notch@ -80 to +200 Degree Celisus	IS 1757(P-1)
30	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Charpy Impact Test 'U' Notch	IS 1499
31	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test 'U' Notch@ -80 to +200 Degree Celisus	ASTME 23
32	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Charpy Impact Test 'U' Notch@ -80 to +200 Degree Celisus	ISO 148 (P-1)
33	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Charpy Impact Test 'V' Notch@ -80 to +200 Degree Celisus	ISO148(P-1)
34	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Compression test	IS 13780
35	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Izod Impact Test @ Roomtemperature	IS 1598
36	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Ultimate Tensile Strength	ASTMA370
37	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Ultimate Tensile Strength	ASTME 8
38	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Ultimate Tensile Strength	IS 1608
39	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Ultimate Tensile Strength	ISO 6892
40	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Yield Strength	ASTMA370
41	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Yield Strength	ASTME8

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42	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Yield Strength	ISO 6892
43	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic materials-tube	Drift Expansion or Flaring test	ISO 8493
44	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic materials-Tube	Flaring tes	ASTMA370
45	MECHANICAL- MECHANICAL PROPERTIES OF METALS	metallic materials-tube	FlatteningTest	IS 2328
46	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic materialsTube	Flattening test	ISO 8492
47	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced TMTBar	Bend and Rebend Test	IS 1786
48	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materialand products	%elongation	IS 13360 part 5 Sec1
49	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	plastic materials and products	Tensile Strength	IS 13360 part 5 sec 1:
50	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubberand Rubber products	%Elongation	IS 3400 P-1
51	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubberand Rubber Products	Tensilestrength	IS 3400 part-1: