National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 15/07/2021 to 14/07/2023 **Last Amended on** 20/07/2021

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-MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA Permanent Facility				
1	CHEMICAL- CORROSION TESTS	Metals & Alloys	Salt Spray Test	ASTM B117
2	CHEMICAL- CORROSION TESTS	Metals & Alloys	Salt spray test	ISO 9227 METHOD A
3	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL PRODUCT	Mass of zinc coating	IS 6745
4	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL PRODUCT	Adhesion Test	IS 2629 clause 6.4.2
5	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL PRODUCT	Mass of Zinc Coating	AS 2331:2.1 Method A
6	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL PRODUCT	Mass of Zinc Coating	ASTM A90/90M
7	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL PRODUCT	Uniformity of Zinc Coating	ASTM A-239
8	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL PRODUCT	Uniformity of Zinc Coating	IS 2633
9	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Magnesium	ASTM E1251
10	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Manganese	ASTM E1251
11	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Silicon	ASTM E1251
12	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Tin	ASTM E1251
13	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Titanium	ASTM E1251
14	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Vanadium	ASTM E1251
15	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Zinc	ASTM E1251
16	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Zinc	ASTM E1251

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17	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Chromium	ASTM E1251
18	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Copper	ASTM E1251
19	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Iron	ASTM E1251
20	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Lead	ASTM E1251
21	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Magnesium	ASTM E1251
22	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Manganese	ASTM E1251
23	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Silicon	ASTM E1251
24	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Copper	ASTM E1251
25	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Zinc	ASTM E1251
26	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Silicon	ASTM E34 (Withdrawn standard)
27	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Silicon	IS 504 (Part 1)
28	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Beryllium	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
29	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Bismuth	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
30	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Cadmium	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
31	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Chromium	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
32	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Copper	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
33	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Gallium	SOPNo. MSPL/SOP/25/F Issue No. 02 February 27, 2018
34	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Iron	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
35	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Lead	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018

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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
36	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Magnesium	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
37	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Manganese	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
38	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Nickel	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
39	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Strontium	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
40	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Tin	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
41	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Titanium	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
42	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Vanadium	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
43	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Zinc	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
44	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Zirconium	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
45	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Nickel	ASTM E1251
46	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Copper	ASTM E1251
47	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Copper	ASTM E1251
48	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Iron	ASTM E1251
49	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Iron	ASTM E1251
50	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Iron	ASTM E1251
51	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Magnesium	ASTM E1251
52	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Magnesium	ASTM E1251
53	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Manganese	ASTM E1251
54	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Manganese	ASTM E1251

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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
55	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Silicon	ASTM E1251
56	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Tin	ASTM E1251
57	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Zinc	ASTM E1251
58	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Silicon	ASTM E1251
59	CHEMICAL- METALS & ALLOYS	Aluminum Alloys	Silicon	IS 504 (Part 1)
60	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	ASTM E350
61	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Manganese	IS 228 (Part 2)
62	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.01 April 14, 2016
63	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Niobium +Tantalum (as Niobium)	SOPNo. MSPL/SOP/28 IssueNo.06 February 27, 2018
64	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	ASTM E350
65	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Tungsten	SOPNo. MSPL/SOP/13 IssueNo.06 February 27, 2018
66	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Vanadium	SOPNo. MSPL/SOP/14 IssueNo.06 February 27, 2018
67	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	IS 228 (Part 6)
68	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Manganese	ASTM E350
69	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	IS 228 (Part 7)
70	CHEMICAL- METALS & ALLOYS	Carbon Steel & low Alloy Steel	Nickel	ASTM E350
71	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nickel	IS 228 (Part 5)
72	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	SOPNo. MSPL/SOP/30 IssueNo.06 February 27, 2018
73	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Phosphorus	ASTM E350

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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
74	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Niobium +Tantalum (as Niobium)	SOPNo. MSPL/SOP/28 IssueNo.06 February 27, 2018
75	CHEMICAL- METALS & ALLOYS	Carbon steel & Low Alloy Steel	Phosphorus	IS 228 (Part 3)
76	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	IS 228 (Part 7)
77	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.01 April 14, 2016
78	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	ASTM E350
79	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	IS 228 (Part 8)
80	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Vanadium	SOPNo. MSPL/SOP/14 IssueNo.06 February 27, 2018
81	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	IS 12308 (Part 9)
82	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E351
83	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E351
84	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E351
85	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	IS 12308 (Part 7)
86	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	ASTM E351
87	CHEMICAL- METALS & ALLOYS	Cast Iron	chromium	IS 12308 (Part 8)
88	CHEMICAL- METALS & ALLOYS	Cast Iron	Managanese	IS 12308 (Part 10)
89	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.06 February 27, 2018
90	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	IS 12308 (Part 5)
91	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 12308 (Part 6)
92	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	IS 12308 (Part 9)

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93	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E351
94	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E351
95	CHEMICAL- METALS & ALLOYS	Cast Iron	nickel	IS 12308 (Part 7)
96	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E351
97	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E351
98	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	SOPNo.MSPL/SOP/07 IssueNo.06 February 27, 2018
99	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	IS 12308 (Part 7)
100	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	ASTM E351
101	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E351
102	CHEMICAL- METALS & ALLOYS	Copper	Carbon Film Test	BS EN-1057
103	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Tin	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
104	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Bismuth	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
105	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Chromium	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
106	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Copper	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
107	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Iron	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
108	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Lead	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
109	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Nickel	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
110	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Phosphorous	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
111	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Silicon	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018

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112	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Sulphur	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
113	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Zinc	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
114	CHEMICAL- METALS & ALLOYS	Copper Alloy	Lead (Electrolysis)	IS 4027 (Part 1)
115	CHEMICAL- METALS & ALLOYS	Copper Alloy	Copper (Electrolysis)	SOPNo. MSPL/SOP/29 IssueNo.06 February 27, 2018
116	CHEMICAL- METALS & ALLOYS	Copper Alloy	Copper (Electrolysis)	IS 4027 (Part 1)
117	CHEMICAL- METALS & ALLOYS	Copper Alloy	Copper (Electrolysis)	SOPNo. MSPL/SOP/29 IssueNo.02 February 27, 2018
118	CHEMICAL- METALS & ALLOYS	Copper Alloy	Aluminium	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
119	CHEMICAL- METALS & ALLOYS	Copper Alloy	Aluminium	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
120	CHEMICAL- METALS & ALLOYS	Copper Alloy	Antimony	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
121	CHEMICAL- METALS & ALLOYS	Copper Alloy	Arsenic	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
122	CHEMICAL- METALS & ALLOYS	Copper Alloy	Arsenic	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
123	CHEMICAL- METALS & ALLOYS	Copper Alloy	Cadmium	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
124	CHEMICAL- METALS & ALLOYS	Copper Alloy	Copper (Electrolysis)	ASTM E53
125	CHEMICAL- METALS & ALLOYS	Copper Alloy	Copper (Electrolysis)	IS 3685
126	CHEMICAL- METALS & ALLOYS	Copper Alloy	Lead	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
127	CHEMICAL- METALS & ALLOYS	Copper Alloy	Magnesium	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
128	CHEMICAL- METALS & ALLOYS	Copper Alloy	Manganese	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
129	CHEMICAL- METALS & ALLOYS	Copper Alloy	Nickel	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
130	CHEMICAL- METALS & ALLOYS	Copper Alloy	Nickel	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018

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131	CHEMICAL- METALS & ALLOYS	Copper Alloy	Phosphorous	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
132	CHEMICAL- METALS & ALLOYS	Copper Alloy	Selenium	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
133	CHEMICAL- METALS & ALLOYS	Copper Alloy	Tellurium	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
134	CHEMICAL- METALS & ALLOYS	Copper Alloy	Tin	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
135	CHEMICAL- METALS & ALLOYS	Copper Alloy	Zinc	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
136	CHEMICAL- METALS & ALLOYS	Copper Alloys	Lead	SOPNo. MSPL/SOP/29 IssueNo.06 February 27, 2018
137	CHEMICAL- METALS & ALLOYS	Copper Alloys	Lead (Electrolysis)	IS 3685
138	CHEMICAL- METALS & ALLOYS	Copper Alloys	Phosphorous	IS 3685
139	CHEMICAL- METALS & ALLOYS	Copper Alloys	Tin	ASTM E478
140	CHEMICAL- METALS & ALLOYS	Copper Alloys (Gas Element in Metal & Metal Alloys)	Oxygen	ASTM E2575
141	CHEMICAL- METALS & ALLOYS	Copper Alloys (Gas Element in Metal & Metal Alloys)	Sulfur	ASTM E1019
142	CHEMICAL- METALS & ALLOYS	Copper alloys	Silicon	ASTM E54 (Withdrawn Standard)
143	CHEMICAL- METALS & ALLOYS	Copper Alloys	Beryllium	ASTM E2824
144	CHEMICAL- METALS & ALLOYS	Copper Alloys	Nickel	ASTM E478
145	CHEMICAL- METALS & ALLOYS	Copper Alloys	Bismuth	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
146	CHEMICAL- METALS & ALLOYS	Copper Alloys	Iron	SOPNO. MSPL/SOP/25C Issue No. 02 February 27, 2018
147	CHEMICAL- METALS & ALLOYS	Copper Alloys	Nickel	ASTM E478
148	CHEMICAL- METALS & ALLOYS	Copper Alloys (Gas Element in Metal & Metal Alloys)	Oxygen	ASTM E2575
149	CHEMICAL- METALS & ALLOYS	Copper Alloys (Gas Element in Metal & Metal Alloys)	Oxygen	ASTM E2575

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150	CHEMICAL- METALS & ALLOYS	Copper Alloys (Gas Element in Metal & Metal Alloys)	Sulfur	ASTM E1019
151	CHEMICAL- METALS & ALLOYS	Copper Base	Mercurous Nitrate Test For Crack detection	ASTM B154
152	CHEMICAL- METALS & ALLOYS	Copper Base	Mercurous Nitrate Test For Crack detection	IS 2305
153	CHEMICAL- METALS & ALLOYS	Copper Base	Mercurous Nitrate Test For Crack detection	BS 2874
154	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze ,Al. Bronze, Gun metal, Phosphor Bronze)	Lead	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
155	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze ,Al. Bronze, Gun metal, Phosphor Bronze)	Phosphorous	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
156	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze ,Al. Bronze, Gun metal, Phosphor Bronze)	Zinc	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
157	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze ,Al. Bronze, Gun metal, Phosphor Bronze)	Zinc	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
158	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze ,Al. Bronze, Gun metal, Phosphor Bronze)	Nickel	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
159	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze ,Al. Bronze, Gun metal, Phosphor Bronze)	Nickel	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
160	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al. Bronze, Gun Metal, Phosphor Bronze)	Arsenic	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
161	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al. Bronze, Gun metal, Phosphor Bronze)	Bismuth	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
162	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al. Bronze, Gun metal, Phosphor Bronze)	Copper	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
163	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al. Bronze, Gun metal, Phosphor Bronze)	Iron	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
164	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al. Bronze, Gun metal, Phosphor Bronze)	Iron	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
165	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al. Bronze, Gun metal, Phosphor Bronze)	Lead	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
166	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al. Bronze, Gun metal, Phosphor Bronze)	Lead	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
167	CHEMICAL- METALS & ALLOYS	Copper base Alloy (Brass, Bronze, Al. Bronze, Gun Metal, Phosphor Bronze)	Manganese	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
168	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al. Bronze, Gun metal, Phosphor Bronze)	Nickel	SOPNo.MSPL/SOP/33 IssueNo.02 February27

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Laboratory Name : METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

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169	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al. Bronze, Gun metal, Phosphor Bronze)	Iron	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
170	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al.Bronze, Gun Metal, Phosphor Bronze)	Aluminium	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
171	CHEMICAL- METALS & ALLOYS	Copper Base Alloy) Brass, Bronze, Al. Bronze, Gun metal, Phosphor Bronze)	Zinc	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
172	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Arsenic	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
173	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Zirconium	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
174	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Antimony	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
175	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Antimony	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
176	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Boron	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
177	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Boron	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
178	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Lead	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
179	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Magnesium	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
180	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Nickel	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
181	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Nickel	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
182	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Nickel	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
183	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Niobium	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
184	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Phosphorous	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
185	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Phosphorous	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
186	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Tin	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
187	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Titanium	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018

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188	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Titanium	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
189	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Vanadium	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
190	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Zirconium	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
191	CHEMICAL- METALS & ALLOYS	Iron /Nickel Alloys	Iron	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
192	CHEMICAL- METALS & ALLOYS	Iron Alloy (Tool Steel & High Alloy Steel)	Nickel	ASTM E352
193	CHEMICAL- METALS & ALLOYS	Iron Alloy (Tool Steel & High Alloy Steel)	Chromium	ASTM E352
194	CHEMICAL- METALS & ALLOYS	Iron Alloy (Tool Steel & High Alloy Steel)	Chromium.	ASTM E352
195	CHEMICAL- METALS & ALLOYS	Iron Alloy (Tool Steel & High Alloy Steel)	Phosphorous	ASTM E352
196	CHEMICAL- METALS & ALLOYS	Iron Alloy (Tool Steel & High Alloy Steel)	Vanadium	SOPNo. MSPL/SOP/14 IssueNo.06 February 27, 2018
197	CHEMICAL- METALS & ALLOYS	Iron Alloy (Tool Steel & High Alloy Steel)	Vanadium	SOPNo. MSPL/SOP/14 IssueNo.06 February 27, 2018
198	CHEMICAL- METALS & ALLOYS	Iron Alloy (Tool Steel & High Alloy Steel0	Silicon	ASTM E352
199	CHEMICAL- METALS & ALLOYS	Iron alloys (Tool Steel & High Alloy Steel)	Nickel	ASTM E352
200	CHEMICAL- METALS & ALLOYS	Iron Alloys (Stainless Steel)	Silicon	IS 228 (Part 8)
201	CHEMICAL- METALS & ALLOYS	Iron Alloys (Stainless Steel)	Silicon	IS 228 (Part 8)
202	CHEMICAL- METALS & ALLOYS	Iron/ Nickel Alloys	Aluminium	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
203	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Iron	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
204	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Calcium	SOPNo. MSPL/SOP/25/A/B Issue No. 02 February 27, 2018
205	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Chromium	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
206	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Cobalt	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018

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207	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Copper	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
208	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Copper	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
209	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Manganese	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
210	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Manganese	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
211	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Molybdenum	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
212	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Molybdenum	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
213	CHEMICAL- METALS & ALLOYS	Lead Base	Antimony	IS 403
214	CHEMICAL- METALS & ALLOYS	Lead Base	Aluminium	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
215	CHEMICAL- METALS & ALLOYS	Lead Base	Antimony	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
216	CHEMICAL- METALS & ALLOYS	Lead Base	Antimony	IS 403
217	CHEMICAL- METALS & ALLOYS	Lead Base	Arsenic	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
218	CHEMICAL- METALS & ALLOYS	Lead Base	Bismuth	SOPNo. MSPL/SOP/25E Issue No. 02 February 27, 2018
219	CHEMICAL- METALS & ALLOYS	Lead base	Cadmium	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
220	CHEMICAL- METALS & ALLOYS	Lead Base	Cadmium	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
221	CHEMICAL- METALS & ALLOYS	Lead Base	Copper	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
222	CHEMICAL- METALS & ALLOYS	Lead Base	Nickel	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
223	CHEMICAL- METALS & ALLOYS	Lead Base	Selenium	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
224	CHEMICAL- METALS & ALLOYS	Lead Base	Silver	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
225	CHEMICAL- METALS & ALLOYS	Lead Base	Tellurium	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018

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226	CHEMICAL- METALS & ALLOYS	Lead Base	Tellurium	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
227	CHEMICAL- METALS & ALLOYS	Lead Base	Tin	SOPNo. MSPL/SOP/22 IssueNo.06 February 27, 2018
228	CHEMICAL- METALS & ALLOYS	Lead base	Tin	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
229	CHEMICAL- METALS & ALLOYS	Lead base	Tin	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
230	CHEMICAL- METALS & ALLOYS	Lead Base	Zinc	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
231	CHEMICAL- METALS & ALLOYS	Manganese Steel	Chromium	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
232	CHEMICAL- METALS & ALLOYS	Manganese Steel	Manganese	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
233	CHEMICAL- METALS & ALLOYS	Manganese Steel	Molybdenum	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
234	CHEMICAL- METALS & ALLOYS	Manganese Steel	Carbon	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
235	CHEMICAL- METALS & ALLOYS	Manganese Steel	Chromium	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
236	CHEMICAL- METALS & ALLOYS	Manganese Steel	Manganese	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
237	CHEMICAL- METALS & ALLOYS	Manganese Steel	Nickel	SOPNo.MSPL/SOP/26D IssueNo.02 February27
238	CHEMICAL- METALS & ALLOYS	Manganese Steel	Phosphorous	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
239	CHEMICAL- METALS & ALLOYS	Manganese Steel	Silicon	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
240	CHEMICAL- METALS & ALLOYS	Manganese Steel	Sulphur	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
241	CHEMICAL- METALS & ALLOYS	Nickel Base	Lead	SOPNo. MSPL/SOP/29 IssueNo.06 February 27, 2018
242	CHEMICAL- METALS & ALLOYS	Nickel Base	Molybdenum	ASTM E354
243	CHEMICAL- METALS & ALLOYS	Nickel Base	Molybdenum	ASTM E354
244	CHEMICAL- METALS & ALLOYS	Nickel Base	Tungsten	SOPNo. MSPL/SOP/13 IssueNo.06 February 27, 2018

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245	CHEMICAL- METALS & ALLOYS	Nickel Base	Copper	SOPNo. MSPL/SOP/29 IssueNo.06 February 27, 2018
246	CHEMICAL- METALS & ALLOYS	Nickel Base	Tungsten	SOPNo. MSPL/SOP/13 IssueNo.06 February 27, 2018
247	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Boron	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
248	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Carbon	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
249	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Sulphur	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
250	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Sulphur	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
251	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Titanium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
252	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Cobalt	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
253	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Copper	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
254	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Magnesium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
255	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Molybdenum	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
256	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Nickel	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
257	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Nickel	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
258	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Tungsten	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
259	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Aluminum	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
260	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Carbon	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
261	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Chromium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
262	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Iron	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
263	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Manganese	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018

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264	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Molybdenum	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
265	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Niobium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
266	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Phosphorous	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
267	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Silicon	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
268	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Silicon	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
269	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Tungsten	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
270	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Aluminium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
271	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Chromium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
272	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Chromium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
273	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Cobalt	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
274	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Copper	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
275	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Iron	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
276	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Nickel	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
277	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Niobium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
278	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Niobium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
279	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Silicon	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
280	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Vanadium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
281	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel, Incoloy, Hastelloy , Monel)	Sulphur	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
282	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel, Incoloy, Hastelloy , Monel)	Phosphorous	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018

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283	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel, Incoloy, Hastelloy , Monel)	Phosphorous	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
284	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel, Incoloy, Hastelloy , Monel)	Sulphur	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
285	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel, Incoloy, Hastelloy , Monel)	Sulphur	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
286	CHEMICAL- METALS & ALLOYS	Nickel Base/Hastalloy Metals & Alloys (Monel)	Silicon	ASTM E354
287	CHEMICAL- METALS & ALLOYS	Nickel Base/Hastalloy Metals & alloys (Monel)	Sulfur	ASTM E1019
288	CHEMICAL- METALS & ALLOYS	Nickel Base/Hastalloy Metals& Alloys/(Monel)	Chromium	ASTM E354
289	CHEMICAL- METALS & ALLOYS	Nickel Base/Hastalloy Metals& Alloys/(Monel)	Molybdenum	ASTM E354
290	CHEMICAL- METALS & ALLOYS	Nickel Base/Hastalloy Metals& Alloys/(Monel)	Nickel	ASTM E354
291	CHEMICAL- METALS & ALLOYS	Nickel Base/Hastalloy Metals& Alloys/(Monel)	Nickel	ASTM E354
292	CHEMICAL- METALS & ALLOYS	Nickel Base/Hastelloy Metals &Alloys (Monel)	Carbon	ASTM E1019
293	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low alloy Steel	Aluminium	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
294	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low alloy Steel	Boron	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
295	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low alloy Steel	Carbon	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
296	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low alloy Steel	Carbon	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
297	CHEMICAL- METALS & ALLOYS	Plain Carbon steel & low alloy steel	Lead	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
298	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low alloy Steel	Nickel	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
299	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low alloy Steel	Silicon	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
300	CHEMICAL- METALS & ALLOYS	Plain Carbon steel and low alloy	Aluminium	ASTM E415
301	CHEMICAL- METALS & ALLOYS	Plain Carbon steel and low alloy steel	Arsenic	ASTM E415

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302	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Boron	IS 8811
303	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Carbon	ASTM E415
304	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Chromium	IS 8811
305	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Copper	IS 8811
306	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Molybdenum	ASTM E415
307	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Nickel	ASTM E415
308	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Phosphorous	IS 8811
309	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Sulphur	ASTM E415
310	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Sulphur	IS 8811
311	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Tin	IS 8811
312	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Zirconium	IS 8811
313	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Aluminium	ASTM E415
314	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Aluminium	IS 8811
315	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Aluminium	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
316	CHEMICAL- METALS & ALLOYS	Plain Carbon steel and low alloy steel	Antimony	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
317	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Arsenic	IS 8811
318	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Arsenic	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
319	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel and Low alloy steel	Boron	ASTM E415
320	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Boron	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018

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Laboratory Name : METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

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321	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Boron	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
322	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Carbon	IS 8811
323	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Carbon	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
324	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Chromium	ASTM E415
325	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Chromium	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
326	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Cobalt	ASTM E415
327	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Cobalt	IS 8811
328	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel and Low Alloy Steel	Copper	ASTM E415
329	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Copper	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
330	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Lead	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
331	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Manganese	ASTM E415
332	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Manganese	IS 8811
333	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Molybdenum	IS 8811
334	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Nickel	IS 8811
335	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Nickel	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
336	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Niobium	ASTM E415
337	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Niobium	IS 8811
338	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Niobium	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
339	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Nitrogen	ASTM E415

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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
340	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Nitrogen	IS 228 (Part 23)
341	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Nitrogen	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
342	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Phosphorous	ASTM E415
343	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Phosphorous	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
344	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Silicon	ASTM E415
345	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Silicon	IS 8811
346	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Silicon	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
347	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Tin	ASTM E415
348	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Tin	IS 8811
349	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Titanium	ASTM E415
350	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Titanium	IS 8811
351	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Tungsten	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
352	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Vanadium	ASTM E415
353	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Vanadium	IS 8811
354	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Zirconium	ASTM E415
355	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E353
356	CHEMICAL- METALS & ALLOYS	Stainless steel	Aluminium	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
357	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
358	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086

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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
359	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 228 (Part 6)
360	CHEMICAL- METALS & ALLOYS	Stainless steel	Cobalt	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
361	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
362	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
363	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
364	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086
365	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E353
366	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (Part 5)
367	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 228 (Part 24)
368	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
369	CHEMICAL- METALS & ALLOYS	Stainless Steel	silicon	IS 228 (Part 8)
370	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E1086
371	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 228 (Part 7)
372	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	SOPNo. MSPL/SOP/30 IssueNo.06 February 27, 2018
373	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
374	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
375	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
376	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium+Tantalum (as Niobium)	SOPNo. MSPL/SOP/28 IssueNo.02 February 27, 2018
377	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E1086

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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
378	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 9879
379	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 228 (Part 3)
380	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
381	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
382	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
383	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
384	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	SOPNo. MSPL/SOP/13 IssueNo.06 February 27, 2018
385	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	SOPNo. MSPL/SOP/14 IssueNo.06 February 27, 2018
386	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
387	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
388	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
389	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
390	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
391	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
392	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E353
393	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
394	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	SOPNo. MSPL/SOP/14 IssueNo.06 February 27, 2018
395	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
396	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E353

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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
397	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium.	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
398	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
399	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
400	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
401	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.02 February 27, 2018
402	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
403	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (Part 5)
404	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
405	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
406	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium+Tantalum (as Niobium)	SOPNo. MSPL/SOP/28 IssueNo.02 February 27, 2018
407	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 228 (Part 23)
408	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
409	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
410	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
411	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
412	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
413	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E353
414	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
415	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018

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416	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
417	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
418	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (Part 5)
419	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (Part 5)
420	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
421	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E353
422	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E353
423	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	SOPNo. MSPL/SOP/13 IssueNo.02 February 27, 2018
424	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
425	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	SOPNo. MSPL/SOP/14 IssueNo.02 February 27, 2018
426	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Carbon	ASTM E1019
427	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Carbon	IS 228 (Part 20)
428	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Sulphur	IS 228 (Part 20)
429	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Carbon	ASTM E1019
430	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Carbon	ASTM E1019
431	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Carbon	ASTM E1019
432	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Carbon	IS 228 (Part 20)
433	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Hydrogen	IS 228 (Part 22)
434	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Nitrogen	ASTM E1019

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435	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Nitrogen	IS 228 (Part 24)
436	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Nitrogen	IS 228 (Part 24)
437	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	NITROGEN	IS 228 (Part 17)
438	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Oxygen	ASTM E1019
439	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Oxygen	IS 228 (Part 18)
440	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Sulfur	ASTM E1019
441	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Sulphur	IS 228 (Part 20)
442	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Nitrogen	ASTM E1019
443	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Nitrogen	IS 228 (Part 17)
444	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel & Cobalt Alloys	Carbon	ASTM E 1019
445	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel & Cobalt Alloys	Hydrogen	IS:228 (Pt 22)
446	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel & Cobalt Alloys	Nitrogen	ASTM E 1019
447	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel & Cobalt Alloys	Nitrogen	IS:228 (Pt 17)
448	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel & Cobalt alloys	Nitrogen	IS:228 (Pt 24)
449	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel & Cobalt alloys	Nitrogen	IS:228 (Pt 24)
450	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel, & Cobalt alloys	Carbon	IS :228 Pt 20
451	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 1409
452	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Tin	SOPNo. MSPL/SOP/22 IssueNo.06 February 27, 2018
453	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 1409

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454	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 403
455	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 1409
456	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 1409
457	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 1409
458	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 403
459	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 403
460	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 1409
461	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
462	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
463	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 403
464	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Arsenic	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
465	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Bismuth	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
466	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Cadmium	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
467	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Cadmium	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
468	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Copper	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
469	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Iron	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
470	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Lead	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
471	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Nickel	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
472	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Nickel	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018

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473	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Silver	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
474	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Zinc	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
475	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Zinc	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
476	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element in Metal & Metal Alloys)	Nitrogen	ASTM E1409
477	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element In Metal & Metal Alloys)	Carbon	SOPNo. MSPL/SOP/35 IssueNo.02 February 27, 2018
478	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element in Metal & Metal Alloys)	Hydrogen	ASTM E1447
479	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element in Metal & Metal Alloys)	Oxygen	ASTM E1409
480	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element In Metal & Metal Alloys)	Carbon	SOPNo. MSPL/SOP/35 IssueNo.02 February 27, 2018
481	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element in Metal & Metal Alloys)	Hydrogen	ASTM E1447
482	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element In Metal & Metal Alloys)	Carbon	SOPNo. MSPL/SOP/35 IssueNo.02 February 27, 2018
483	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element in Metal & Metal Alloys)	Hydrogen	ASTM E1447
484	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element in Metal & Metal Alloys)	Nitrogen	ASTM E1409
485	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element in Metal & Metal Alloys)	Nitrogen	ASTM E1409
486	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element in Metal & Metal Alloys)	Oxygen	ASTM E1409
487	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element in Metal & Metal Alloys)	Oxygen	ASTM E1409
488	CHEMICAL- METALS & ALLOYS	Titanium Base	Aluminium	ASTM E2371
489	CHEMICAL- METALS & ALLOYS	Titanium Base	Aluminium	ASTM E2371
490	CHEMICAL- METALS & ALLOYS	Titanium Base	Boron	ASTM E2371
491	CHEMICAL- METALS & ALLOYS	Titanium Base	Chromium	ASTM E2371

SCOPE OF ACCREDITATION

Laboratory Name : METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

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492	CHEMICAL- METALS & ALLOYS	Titanium Base	Cobalt	ASTM E2371
493	CHEMICAL- METALS & ALLOYS	Titanium Base	Copper	ASTM E2371
494	CHEMICAL- METALS & ALLOYS	Titanium base	Iron	ASTM E2371
495	CHEMICAL- METALS & ALLOYS	Titanium Base	Manganese	ASTM E2371
496	CHEMICAL- METALS & ALLOYS	Titanium Base	Molybdenum	ASTM E2371
497	CHEMICAL- METALS & ALLOYS	Titanium Base	Nickel	ASTM E2371
498	CHEMICAL- METALS & ALLOYS	Titanium Base	Niobium	ASTM E2371
499	CHEMICAL- METALS & ALLOYS	Titanium Base	Niobium	ASTM E2371
500	CHEMICAL- METALS & ALLOYS	Titanium Base	Palladium	ASTM E2371
501	CHEMICAL- METALS & ALLOYS	Titanium Base	Ruthenium	ASTM E2371
502	CHEMICAL- METALS & ALLOYS	Titanium Base	Silicon	ASTM E2371
503	CHEMICAL- METALS & ALLOYS	Titanium Base	Tin	ASTM E2371
504	CHEMICAL- METALS & ALLOYS	Titanium Base	Tin	ASTM E2371
505	CHEMICAL- METALS & ALLOYS	Titanium Base	Tungsten	ASTM E2371
506	CHEMICAL- METALS & ALLOYS	Titanium Base	Vanadium	ASTM E2371
507	CHEMICAL- METALS & ALLOYS	Titanium Base	Yittrium	ASTM E2371
508	CHEMICAL- METALS & ALLOYS	Titanium Base	Zirconium	ASTM E2371
509	CHEMICAL- METALS & ALLOYS	Titanium Base	Zirconium	ASTM E2371
510	CHEMICAL- METALS & ALLOYS	Tool Steel	Copper	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018

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511	CHEMICAL- METALS & ALLOYS	Tool Steel	Nickel	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
512	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
513	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulphur	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
514	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
515	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
516	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
517	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorous	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
518	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
519	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
520	CHEMICAL- METALS & ALLOYS	Tool Steel	Copper	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
521	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
522	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
523	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorous	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
524	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
525	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
526	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
527	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
528	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
529	CHEMICAL- METALS & ALLOYS	Tool Steel & high Alloy Steel	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.06 February 27, 2018

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530	CHEMICAL- METALS & ALLOYS	Tool Steel & High Alloy Steel	Tungsten	SOPNo. MSPL/SOP/13 IssueNo.06 February 27, 2018
531	CHEMICAL- METALS & ALLOYS	Tool Steel & High Alloy Steel	Chromium	SOPNo. MSPL/SOP/30 IssueNo.06 February 27, 2018
532	CHEMICAL- METALS & ALLOYS	Tool Steel & High Alloy Steel	Silicon	IS 228 (Part 8)
533	CHEMICAL- METALS & ALLOYS	Tool Steel & High Alloy Steel	Vanadium	SOPNo. MSPL/SOP/14 IssueNo.06 February 27, 2018
534	CHEMICAL- METALS & ALLOYS	Tool Steel & high Alloy Steel	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.06 February 27, 2018
535	CHEMICAL- METALS & ALLOYS	Tool Steel & high Alloy Steel	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.06 February 27, 2018
536	CHEMICAL- METALS & ALLOYS	Tool Steel & High Alloy Steel	Tungsten	SOPNo. MSPL/SOP/13 IssueNo.06 February 27, 2018
537	CHEMICAL- METALS & ALLOYS	Tool Steel & high Alloy Steel	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.06 February 27, 2018
538	CHEMICAL- METALS & ALLOYS	Tool Steel & high Alloy Steel	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.06 February 27, 2018
539	CHEMICAL- METALS & ALLOYS	Tool Steel & high Alloy Steel	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.06 February 27, 2018
540	CHEMICAL- METALS & ALLOYS	Tool Steel & High Alloy Steel	Tungsten	SOPNo. MSPL/SOP/13 IssueNo.06 February 27, 2018
541	CHEMICAL- METALS & ALLOYS	Zinc Base	Antimony	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
542	CHEMICAL- METALS & ALLOYS	Zinc Base	Bismuth	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
543	CHEMICAL- METALS & ALLOYS	Zinc Base	Cadmium	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
544	CHEMICAL- METALS & ALLOYS	Zinc Base	Chromium	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
545	CHEMICAL- METALS & ALLOYS	Zinc base	Copper	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
546	CHEMICAL- METALS & ALLOYS	Zinc Base	Indium	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
547	CHEMICAL- METALS & ALLOYS	Zinc Base	Iron	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
548	CHEMICAL- METALS & ALLOYS	Zinc Base	Lead	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018

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Laboratory Name : METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

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549	CHEMICAL- METALS & ALLOYS	Zinc Base	Lead	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
550	CHEMICAL- METALS & ALLOYS	Zinc Base	Magnesium	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
551	CHEMICAL- METALS & ALLOYS	Zinc Base	Manganese	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
552	CHEMICAL- METALS & ALLOYS	Zinc Base	Method to determine Aluminium	SOPNo.MSPL/SOP/25D IssueNo.02
553	CHEMICAL- METALS & ALLOYS	Zinc Base	Nickel	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
554	CHEMICAL- METALS & ALLOYS	Zinc Base	Thallium	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
555	CHEMICAL- METALS & ALLOYS	Zinc base	Tin	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
556	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Ammonical Nitrogen (as NH3)	IS 3025 (Part 34)
557	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Arsenic (as As)	IS 3025 (Part 2)
558	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Biochemical Oxygen Demand (BOD)	IS 3025 (Part 44)
559	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Cadmium (as Cd)	IS 3025 (Part 2)
560	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Chemical oxygen demand (COD)	IS 3025 (Part 58)
561	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Chromium (as Cr)	IS 3025 (Part 2)
562	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Colour	IS 3025 (Part 4)
563	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Copper (as Cu)	IS 3025 (Part 2)
564	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Iron (as Fe)	IS 3025 (Part 2)
565	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Lead (as Pb)	IS 3025 (Part 2)
566	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Manganese (as Mn)	IS 3025 (Part 2)
567	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	pH value	IS 3025 (Part 11)

SCOPE OF ACCREDITATION

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568	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Selenium (as Se)	IS 3025 (Part 2)
569	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Total Suspended Solids	IS 3025 (Part 17)
570	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Zinc (as Zn)	IS 3025 (Part 2)
571	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Dissolved Phosphates (as P)	IS 3025 (Part 31)
572	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Hexavalent Chromium (as Cr+6)	IS 3025 (Part 52)
573	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Nickel (as Ni)	IS 3025 (Part 2)
574	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Nitrate (as NO3)	IS 3025 (Part 34)
575	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Odour	IS 3025 (Part 5)
576	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Oil and grease	IS 3025 (Part 39)
577	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Temperature	IS 3025 (Part 9)
578	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Total Residual Chlorine (as Cl)	IS 3025 (Part 26)
579	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Vanadium (as V)	IS 3025 (Part 2)
580	CHEMICAL- WATER	CPCB (Class E) : Water for irrigation , industrial cooling, Controlled waste disposal	Boron (as B)	IS 3025 (Part 2)
581	CHEMICAL- WATER	CPCB (Class E) : Water for irrigation , industrial coolng,Controlled waste disposal.	Electrical Conductivity at 25oC	IS 3025 (Part 14)
582	CHEMICAL- WATER	CPCB (Class E) : Water for irrigation , industrial coolng,Controlled waste disposal.	pH	IS 3025 (Part 11)
583	CHEMICAL- WATER	CPCB (Class E) : Water for irrigation , industrial coolng,Controlled waste disposal.	Sodium Adsorption Ratio (SAR)	Clause 4.1.2 of IS 11624
584	CHEMICAL- WATER	CPCB (Class A):Drinking water with out conventional treatment but after disinfection CPCB (Class B) : Outdoor Bathing (Organised) CPCB (Class C) : Drinking water source after conventional treatment & disinfection. CPCB (Class D) : Water for propagation of Wild Life & Fisheries	pH	IS 3025 (Part 11)

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585	CHEMICAL- WATER	CPCB (Class A):Drinking water with out conventional treatment but after disinfection CPCB (Class B) : Outdoor Bathing (Organised) CPCB (Class C) : Drinking water source after conventional treatment & disinfection. CPCB (Class D) : Water for propagation of Wild Life & Fisheries	Free Ammonia (as NH3)	IS 3025 (Part 34)
586	CHEMICAL- WATER	CPCB (Class A):Drinking water with out conventional treatment but after disinfection CPCB (Class B) : Outdoor Bathing (Organised) CPCB (Class C) : Drinking water source after conventional treatment & disinfection. CPCB (Class D) : Water for propagation of Wild Life & Fisheries	Biochemical Oxygen Demand (BOD) ,3 days at 27oC	IS 3025 (Part 44)
587	CHEMICAL- WATER	CPCB (Class A):Drinking water with out conventional treatment but after disinfection CPCB (Class B) : Outdoor Bathing (Organised) CPCB (Class C) : Drinking water source after conventional treatment & disinfection. CPCB (Class D) : Water for propagation of Wild Life & Fisheries	Dissolved oxygen (as DO)	IS 3025 (Part 38)
588	CHEMICAL- WATER	Drinking Water	Alkalinity (as HCO3)	IS 3025 (Part 23)
589	CHEMICAL- WATER	Drinking Water	Aluminum (as Al)	IS 3025 (Part 2)
590	CHEMICAL- WATER	Drinking Water	Antimony (as Sb)	IS 3025 (Part 2)
591	CHEMICAL- WATER	Drinking Water	Arsenic (as As)	IS 3025 (Part 2)
592	CHEMICAL- WATER	Drinking Water	Barium (as Ba)	IS 3025 (Part 2)
593	CHEMICAL- WATER	Drinking Water	Borates (as B)	EPA 212.3
594	CHEMICAL- WATER	Drinking Water	Borates (as B)	IS 3025 (Part 2)
595	CHEMICAL- WATER	Drinking Water	Cadmium (as Cd)	IS 3025 (Part 2)
596	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	IS 3025 (Part 2)
597	CHEMICAL- WATER	Drinking Water	Chloride (as Cl)	IS 3025 (Part 32)
598	CHEMICAL- WATER	Drinking Water	Chromium (as Cr)	IS 3025 (Part 2)
599	CHEMICAL- WATER	Drinking Water	Chromium (as Cr+6)	IS 3025 (Part 52)
600	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
601	CHEMICAL- WATER	Drinking Water	Copper (as Cu)	IS 3025 (Part 2)
602	CHEMICAL- WATER	Drinking Water	Iron (as Fe)	IS 3025 (Part 2)
603	CHEMICAL- WATER	Drinking Water	Lead (as Pb)	IS 3025 (Part 2)
604	CHEMICAL- WATER	Drinking Water	Magnesium (as Mg)	IS 3025 (Part 2)
605	CHEMICAL- WATER	Drinking Water	Manganese (as Mn)	IS 3025 (Part 2)
606	CHEMICAL- WATER	Drinking Water	Nickel (as Ni)	IS 3025 (Part 2)
607	CHEMICAL- WATER	Drinking Water	Nitrate (as NO3)	IS 3025 (Part 34)

SCOPE OF ACCREDITATION

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608	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
609	CHEMICAL- WATER	Drinking Water	Oil & Grease	IS 3025 (Part 39)
610	CHEMICAL- WATER	Drinking Water	pH Value	IS 3025 (Part 11)
611	CHEMICAL- WATER	Drinking Water	Residual free Chlorine (as Cl)	IS 3025 (Part 26)
612	CHEMICAL- WATER	Drinking Water	Selenium (as Se)	IS 3025 (Part 2)
613	CHEMICAL- WATER	Drinking Water	Silver (Ag)	IS 3025 (Part 2)
614	CHEMICAL- WATER	Drinking Water	Sodium (as Na)	IS 3025 (Part 2)
615	CHEMICAL- WATER	Drinking Water	Sulphate (as SO4)	IS 3025 (Part 24)
616	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
617	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCO3)	IS 3025 (Part 21)
618	CHEMICAL- WATER	Drinking Water	Total Solids	IS 3025 (Part 15)
619	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
620	CHEMICAL- WATER	Drinking Water	Zinc (as Zn)	IS 3025 (Part 2
621	CHEMICAL- WATER	Feed Water at Economizer Inlet	Iron (as Fe)	A-1 & A-2 of IS 10496
622	CHEMICAL- WATER	Feed Water At Boiler	Caustic Alkalinity (as CaCO3)	IS 3025 (Part 23)
623	CHEMICAL- WATER	Feed water at Boiler	Chloride (as NaCl)	A-5 of IS 10496
624	CHEMICAL- WATER	Feed Water at Boiler	pH value	IS 3025 (Part 11)
625	CHEMICAL- WATER	Feed water at Boiler	Silica (as SiO2)	A-3 of IS 10496
626	CHEMICAL- WATER	Feed Water at Boiler	Total Alkalinity (as CaCO3)	IS 3025 (Part 13)
627	CHEMICAL- WATER	Feed water at Boiler	Total hardness (as CaCO3)	IS 3025 (Part 21)
628	CHEMICAL- WATER	Feed water at Boiler	Phosphate (as PO4)	IS 3025 (Part 31)
629	CHEMICAL- WATER	Feed water at Boiler	Hydrazine (as N2H4)	IS 3550 (Clause 26)
630	CHEMICAL- WATER	Feed water at Boiler	Total dissolved solids (TDS)	IS 3025 (Part 16)
631	CHEMICAL- WATER	Feed Water At Economizer Inlet	Iron (as Fe)	IS 3025 (Part 2)
632	CHEMICAL- WATER	Feed Water At Economizer Inlet	Oxygen (as O2)	IS 3550 (Clause 25)
633	CHEMICAL- WATER	Feed Water At Economizer Inlet	pH value	IS 3025 (Part 11)
634	CHEMICAL- WATER	Feed Water At Economizer Inlet	Silica (as SiO2)	A-3 of IS 10496
635	CHEMICAL- WATER	Feed Water At Economizer Inlet	Total hardness (as CaCo3)	IS 3025 (Part 21)
636	CHEMICAL- WATER	Feed Water at Economizer Inlet	Ammonia (as NH3)	IS 3025 (Part 34)

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637	CHEMICAL- WATER	Feed Water At Economizer Inlet	Conductivity after passing Through cation exchanger column at 25°C	IS 3550 (Clause 7)
638	CHEMICAL- WATER	Feed Water At Economizer Inlet	Copper (as Cu)	A-1 & A-2 of IS 10496
639	CHEMICAL- WATER	Feed Water at Economizer Inlet	Dissolved Oxygen (DO) as (O2)	IS 3025 (Part 38)
640	CHEMICAL- WATER	Feed Water at Economizer Inlet	Manganese (as Mn)	IS 3025 (Part 2)
641	CHEMICAL- WATER	Feed water at Economizer Inlet	Oxygen (as O2)consumed in 4 hour	IS 3025 (Part 63)
642	CHEMICAL- WATER	Feed Water At Economizer Inlet	Residual hydrazine (as N2H4)	IS 3550 (Clause 26)
643	CHEMICAL- WATER	Feed Water at Economizer Inlet	Sodium (as Na)	IS 3025 (Part 2)
644	CHEMICAL- WATER	Ground water / Borewell water	Borates (as B)	IS 3025 (Part 2)
645	CHEMICAL- WATER	Ground water / Borewell water	Calcium (as Ca)	IS 3025 (Part 2)
646	CHEMICAL- WATER	Ground water / Borewell water	Sodium (as Na)	IS 3025 (Part 2)
647	CHEMICAL- WATER	Ground water / Borewell water	Potassium (as K)	IS 3025 (Part 2)
648	CHEMICAL- WATER	Ground Water / Borewell Water	Specific Electrical Conductivity at 25°C	IS 3025 (Part 14)
649	CHEMICAL- WATER	Ground water / Borewell water	Hardness (as CaCO3)	IS 3025 (Part 21)
650	CHEMICAL- WATER	Ground water / Borewell water	Ammoniacal Nitrogen (as NH3)	IS 3025 (Part 34)
651	CHEMICAL- WATER	Ground water / Borewell water	Chloride (as Cl)	IS 3025 (Part 32)
652	CHEMICAL- WATER	Ground Water / Borewell water	pH value	IS 3025 (Part 11)
653	CHEMICAL- WATER	Ground Water / Borewell Water	Temperature	IS 3025 (Part 9)
654	CHEMICAL- WATER	Ground water / Borewell water	Total suspended solids (as TSS)	IS 3025 (Part 17)
655	CHEMICAL- WATER	Ground water/ Borewell water	Magnesium (as Mg)	IS 3025 (Part 2)
656	CHEMICAL- WATER	Ground water/ Borewell water	Biochemical Oxygen Demand (BOD) (3 days at 27oC)	IS 3025 (Part 44)
657	CHEMICAL- WATER	Ground water/ borewell water	Total dissolved solids (TDS)	IS 3025 (Part 16)
658	CHEMICAL- WATER	Ground water/ Borewell water	Phosphate (as PO4)	IS 3025 (Part 31)
659	CHEMICAL- WATER	Ground water/ Borewell water	Sulphates (as SO4)	IS 3025 (Part 24)
660	CHEMICAL- WATER	Ground water/ Borewell water	Total Nitrogen (as N)	IS 3025 (Part 34)
661	CHEMICAL- WATER	Ground water/Borewell water	Chemical oxygen demand (COD)	IS 3025 (Part 58)
662	CHEMICAL- WATER	Ground water/Borewell water	Nitrate (as NO3)	IS 3025 (Part 34)
663	CHEMICAL- WATER	Ground water/Borewell water	Turbidity	IS 3025 (Part 10)

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664	CHEMICAL- WATER	Ground water/Borewell water	Alkalinity (as CaCO3)	IS 3025 (Part 23)
665	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Total solids	IS 3025 (Part 15)
666	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Alkalinity (as CaCO3)	IS 3025 (Part 23)
667	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Aluminium (as Al)	IS 3025 (Part 2)
668	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Antimony (as Sb)	IS 3025 (Part 2)
669	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Arsenic (as As)	IS 3025 (Part 2)
670	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Barium (as Ba)	IS 3025 (Part 2)
671	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Borates (as B)	IS 3025 (Part 2)
672	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Cadmium (as Cd)	IS 3025 (Part 2)
673	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Calcium (as Ca)	IS 3025 (Part 2)
674	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Chloride (as Cl)	IS 3025 (Part 32)
675	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Chromium (as Cr)	IS 3025 (Part 2)
676	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Chromium (as Cr6+)	IS 3025 (Part 52)
677	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Colour	IS 3025 (Part 4)
678	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Copper (as Cu)	IS 3025 (Part 2)
679	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Iron (as Fe)	IS 3025 (Part 2)
680	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Lead (as Pb)	IS 3025(Part 2)
681	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Manganese (as Mn)	IS 3025 (Part 2)
682	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Nickel (as Ni)	IS 3025 (Part 2)
683	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Nitrate(as NO3)	IS 3025 (Part 34)
684	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Odour	IS 3025 (Part 5)
685	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	pH value	IS 3025 (Part 11)
686	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Selenium (as Se)	IS 3025 (Part 2)
687	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Silver (as Ag)	IS 3025 (Part 2)
688	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Sodium (as Na)	IS 3025 (Part 2)
689	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Total dissolved solids (TDS)	IS 3025 (Part 16)
690	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Total hardness (as CaCO3)	IS 3025 (Part 21)
691	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Total Solids	IS 3025 (Part 15)
692	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Turbidity	IS 3025 (Part 10)
693	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Zinc (as Zn)	IS 3025 (Part 2)

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694	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Magnesium (as Mg)	IS 3025 (Part 2)
695	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Oil and grease	IS 3025 (Part 39)
696	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Residual free Chlorine (as Cl)	IS 3025 (Part 26)
697	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Sulphate (as SO4)	IS 3025 (Part 24)
698	CHEMICAL- WATER	Reagent Grade Water (Grade 1,2 & 3)	Silica (as SiO2)	IS 3025 (Part 35)
699	CHEMICAL- WATER	Reagent Grade Water (Grade 1,2 & 3)	total solids or non volatile residue at 105oC	IS 3025 (Part 15)
700	CHEMICAL- WATER	Reagent Grade Water (Grade 1,2 & 3)	Color retention of KMn04, at 27X2oC,minutes	IS 1070 (Annex A)
701	CHEMICAL- WATER	Reagent Grade Water (Grade 1,2 &3)	pH at 25oC	IS 3025 (Part 11)
702	CHEMICAL- WATER	Reagent Grade Water (Grade 1,2 &3)	Specific Conductivity uS/cm at 25oC	IS 3025 (Part 14)
703	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Chloride (as Cl)	IS 3025 (Part 32)
704	CHEMICAL- WATER	Water for Rayon Manufacturing Industry	Heavy Metal (as Pb)	IS 7017
705	CHEMICAL- WATER	Water for Brewing & Distillary Industry	Calcium (as Ca)	IS 3025 (Part 2)
706	CHEMICAL- WATER	Water for Brewing & Distillary Industry	Carbonate Hardness (as CaCO3)	IS 3025 (Part 21)
707	CHEMICAL- WATER	Water for Brewing & Distillary Industry	Chloride (as NaCl)	Clause 24 of IS 3025
708	CHEMICAL- WATER	Water for Brewing & Distillary Industry	Manganese (as Mn)	IS 3025 (Part 2)
709	CHEMICAL- WATER	Water for Brewing & Distillary Industry	pH Value	IS 3025 (Part 11)
710	CHEMICAL- WATER	Water for Brewing & Distillary Industry	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
711	CHEMICAL- WATER	Water for Brewing & Distillary Industry	Alkalinity (as CaCO3)	IS 3025 (Part 23)
712	CHEMICAL- WATER	Water for construction	Alkalinity (ml 0f 0.02 N H2SO4 as mg/L CaCO3)	IS 3025 (Part 23)
713	CHEMICAL- WATER	Water for construction	Chloride (as Cl)	IS 3025 (Part 32)
714	CHEMICAL- WATER	Water for construction	Inorganic Solids	IS 3025 (Part 18)
715	CHEMICAL- WATER	Water for construction	Organic Solids	IS 3025 (Part 18)
716	CHEMICAL- WATER	Water for construction	pH value	IS 3025 (Part 11)
717	CHEMICAL- WATER	Water for construction	Acidity (ml of 0.02 N NaOH as mg/L CaCO3)	IS 3025 (Part 22)
718	CHEMICAL- WATER	Water for construction	Sulphates (as SO3)	IS 3025 (Part 24)
719	CHEMICAL- WATER	Water for construction purpose	Suspended matter	IS 3025 (Part 17)
720	CHEMICAL- WATER	Water for Fermentation Industry	Nitrate (as NO3)	IS 3025 (Part 34)

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721	CHEMICAL- WATER	Water for Fermentation Industry	Arsenic (as As)	IS 3025 (Part 2)
722	CHEMICAL- WATER	Water for Fermentation Industry	Chloride (as Cl)	IS 3025 (Part 32)
723	CHEMICAL- WATER	Water for Fermentation Industry	Chromium (as Cr)	IS 3025 (Part 2)
724	CHEMICAL- WATER	Water for Fermentation Industry	colour	IS 3025 (Part 4)
725	CHEMICAL- WATER	Water for Fermentation Industry	Copper (as Cu)	IS 3025 (Part 2)
726	CHEMICAL- WATER	Water for Fermentation Industry	Iron (as Fe)	IS 3025 (Part 2)
727	CHEMICAL- WATER	Water for Fermentation Industry	Lead (as Pb)	IS 3025 (Part 2)
728	CHEMICAL- WATER	Water for Fermentation Industry	Magnesium (as Mg)	IS 3025 (Part 2)
729	CHEMICAL- WATER	Water for Fermentation Industry	Manganese (as Mn)	IS 3025 (Part 2)
730	CHEMICAL- WATER	Water for Fermentation Industry	odour	IS 3025 (Part 5)
731	CHEMICAL- WATER	Water for Fermentation Industry	pH value	IS 3025 (Part 11)
732	CHEMICAL- WATER	Water for Fermentation Industry	Selenium (as Se)	IS 3025 (Part 2)
733	CHEMICAL- WATER	Water for Fermentation Industry	Sulphates (as SO4)	IS 3025 (Part 24)
734	CHEMICAL- WATER	Water for Fermentation Industry	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
735	CHEMICAL- WATER	Water for Fermentation Industry	Total Hardness (as CaCo3)	IS 3025 (Part 21)
736	CHEMICAL- WATER	Water for Fermentation Industry	turbidity	IS 3025 (Part 10)
737	CHEMICAL- WATER	Water for Fermentation Industry	Zinc (as Zn)	IS 3025 (Part 2)
738	CHEMICAL- WATER	Water for fish processing Industry	Alkalinity (as CaCO3)	IS 3025 (Part 23)
739	CHEMICAL- WATER	Water for fish processing Industry	Arsenic (as As)	IS 3025 (Part 2)
740	CHEMICAL- WATER	Water for fish processing Industry	Chloride (as NaCl)	IS 3025 (Part 32)
741	CHEMICAL- WATER	Water for fish processing Industry	Chromium (as Cr)	IS 3025 (Part 2)
742	CHEMICAL- WATER	Water for fish processing Industry	colour	IS 3025 (Part 4)
743	CHEMICAL- WATER	Water for fish processing Industry	Copper (as Cu)	IS 3025 (Part 2)
744	CHEMICAL- WATER	Water for fish processing Industry	Iron (as Fe)	IS 3025 (Part 2)
745	CHEMICAL- WATER	Water for fish processing Industry	Lead (as Pb)	IS 3025 (Part 2)
746	CHEMICAL- WATER	Water for fish processing Industry	Odour	IS 3025 (Part 5)
747	CHEMICAL- WATER	Water for fish processing Industry	pH	IS 3025 (Part 11)
748	CHEMICAL- WATER	Water for fish processing Industry	Selenium (as Se)	IS 3025 (Part 2)
749	CHEMICAL- WATER	Water for fish processing Industry	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
750	CHEMICAL- WATER	Water for fish processing Industry	Turbidity	IS 3025 (Part 10)

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751	CHEMICAL- WATER	Water for fish processing Industry	Cadmium (Cd)	IS 3025 (Part 2)
752	CHEMICAL- WATER	Water for fish processing Industry	Free Chlorine (as Cl)	EPA 330.5
753	CHEMICAL- WATER	Water for fish processing Industry	Free Chlorine (as Cl)	IS 3025 (Part 26)
754	CHEMICAL- WATER	Water for fish processing Industry	Sulphate (as SO4)	IS 3025 (Part 24)
755	CHEMICAL- WATER	Water for fish processing Industry	Total Hardness (as CaCO3)	IS 3025 (Part 21)
756	CHEMICAL- WATER	Water for Ice manufacturing Industry	Alkalinity (as CaCO3)	IS 3025 (Part 23)
757	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Chromium (as Cr)	IS 3025 (Part 2)
758	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Copper (as Cu)	IS 3025 (Part 2)
759	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Iron (as Fe)	IS 3025 (Part 2)
760	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Lead (as Pb)	IS 3025 (Part 2)
761	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Magnesium (as Mg)	IS 3025 (Part 2)
762	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Manganese (as Mn)	IS 3025 (Part 2)
763	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Odour	IS 3025 (Part 5)
764	CHEMICAL- WATER	Water for Ice Manufacturing Industry	pH	IS 3025 (Part 11)
765	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Total Hardness (as CaCO3)	IS 3025 (Part 21)
766	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Total Solids	IS 3025 (Part 16)
767	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Turbidity	IS 3025 (Part 10)
768	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Zinc (as Zn)	IS 3025 (Part 2)
769	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Arsenic (as As)	IS 3025 (Part 2)
770	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Color	IS 3025 (Part 4)
771	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Selenium (as Se)	IS 3025 (Part 2)
772	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Sulphate (as SO4)	IS 3025 (Part 24)
773	CHEMICAL- WATER	Water For Paper & Pulp Industry	Manganese (as Mn)	IS 3025 (Part 2)
774	CHEMICAL- WATER	Water For Paper & Pulp Industry	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
775	CHEMICAL- WATER	Water For Paper & Pulp Industry	Total hardness (as CaCO3)	IS 3025 (Part 21)
776	CHEMICAL- WATER	Water For Paper & Pulp Industry	Iron (as Fe)	IS 3025 (Part 2)
777	CHEMICAL- WATER	Water For Paper & Pulp Industry	Total Residual Chlorine (as Cl)	IS 3025 (Part 26)
778	CHEMICAL- WATER	Water for Paper and Pulp Industry	Color	IS 3025 (Part 4)
779	CHEMICAL- WATER	Water for Rayon Manufacturing Industry	Iron (as Fe)	IS 3025 (Part 2)
780	CHEMICAL- WATER	Water for Rayon Manufacturing Industry	Manganese (as Mn)	IS 3025 (Part 2)

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781	CHEMICAL- WATER	Water for Rayon Manufacturing Industry	Silica (as SiO2)	IS 3025 (Part 35)
782	CHEMICAL- WATER	Water for Rayon Manufacturing Industry	Total dissolved solids (TDS)	IS 3025 (Part 16)
783	CHEMICAL- WATER	Water for Rayon Manufacturing Industry	Total Hardness (as CaCo3)	IS 3025 (Part 21)
784	CHEMICAL- WATER	Water for Rayon Manufacturing Industry	Turbidity	IS 3025 (Part 10)
785	CHEMICAL- WATER	Water for Rayon Manufacturing Industry	Color	IS 3025 (Part 4)
786	CHEMICAL- WATER	Water for Rayon Manufacturing Industry	Total alkalinity (as CaCO3)	IS 3025 (Part 23)
787	CHEMICAL- WATER	Water for Storage Batteries	Heavy Metal (as Pb)	IS 7017
788	CHEMICAL- WATER	Water for Storage Batteries	Iron (as Fe)	IS 3025 (Part 2)
789	CHEMICAL- WATER	Water for Storage Batteries	Manganese (as Mn)	IS 3025 (Part 2)
790	CHEMICAL- WATER	Water for Storage Batteries	Chloride (as Cl)	IS 3025 (Part 32)
791	CHEMICAL- WATER	Water for Storage Batteries	Colour	IS 3025 (Part 4)
792	CHEMICAL- WATER	Water for Storage Batteries	Non Volatile Solids	IS 1069 (A-2)
793	CHEMICAL- WATER	Water for Storage Batteries	Odour	IS 3025 (Part 5)
794	CHEMICAL- WATER	Water for Storage Batteries	Oxidizable matter	IS 1069 (A-3)
795	CHEMICAL- WATER	Water for Storage Batteries	pH value	IS 3025 (Part 11)
796	CHEMICAL- WATER	Water for Storage Batteries	Specific Electrical Conductivity 25oC uS/cm	IS 3025 (Part 14)
797	CHEMICAL- WATER	Water for Storage Batteries	Total dissolved solids	IS 3025 (Part 16)
798	CHEMICAL- WATER	Water for Storage Batteries	Turbidity	IS 3025 (Part 10)
799	CHEMICAL- WATER	Water for Storage Batteries	Hardness (as CaCO3)	IS 3025 (Part 21)
800	CHEMICAL- WATER	Water for Swimming Pool	Aluminium (as Al)	IS 3025 (Part 2)
801	CHEMICAL- WATER	Water for Swimming Pool	Heavy Metal (as Pb)	IS 7017
802	CHEMICAL- WATER	Water for Swimming Pool	Iron (as Fe)	IS 3025 (Part 2)
803	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity (as CaCO3)	IS 3025 (Part 23)
804	CHEMICAL- WATER	Water for Swimming Pool	Chloride (as Cl)	IS 3025 (Part 32)
805	CHEMICAL- WATER	Water for Swimming Pool	Colour	IS 3025 (Part 4)
806	CHEMICAL- WATER	Water for Swimming Pool	Odour	IS 3025 (Part 5)
807	CHEMICAL- WATER	Water for Swimming Pool	Oxygen (as O2) absorbed in 4 hrs at 27oC	IS 3025 (Part 63)
808	CHEMICAL- WATER	Water for Swimming Pool	pH value	IS 3025 (Part 11)
809	CHEMICAL- WATER	Water for Swimming Pool	total dissolved solids (TDS)	IS 3025 (Part 16)

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810	CHEMICAL- WATER	Water for Swimming Pool	Total Residual Chlorine (as Cl)	IS 3025 (Part 26)
811	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	IS 3025 (Part 10)
812	CHEMICAL- WATER	Water for Tanning Industry	Alkalinity (as CaCO3)	IS 3025 (Part 23)
813	CHEMICAL- WATER	Water for Tanning Industry	Chlorides (as Cl)	IS 3025 (Part 23)
814	CHEMICAL- WATER	Water for Tanning Industry	Colour	IS 3025 (Part 4)
815	CHEMICAL- WATER	Water for Tanning Industry	Iron (as Fe)	IS 3025 (Part 2)
816	CHEMICAL- WATER	Water for Tanning Industry	pH value	IS 3025 (Part 11)
817	CHEMICAL- WATER	Water for Tanning Industry	Total hardness (as CaCO3)	IS 3025 (Part 21)
818	CHEMICAL- WATER	Water for Tanning Industry	Turbidity	IS 3025 (Part 10)
819	CHEMICAL- WATER	Water for Tanning Industry	Manganese (as Mn)	IS 3025 (Part 2)
820	CHEMICAL- WATER	Water for Textile Industry	Aluminum (as Al)	IS 3025 (Part 2)
821	CHEMICAL- WATER	Water for Textile Industry	Chloride (as Cl)	IS 3025 (Part 32)
822	CHEMICAL- WATER	Water For Textile Industry	Color	IS 3025 (Part 4)
823	CHEMICAL- WATER	Water for Textile Industry	Iron (as Fe)	IS 3025 (Part 2)
824	CHEMICAL- WATER	Water for Textile Industry	Manganese (as Mn)	IS 3025 (Part 2)
825	CHEMICAL- WATER	Water For Textile Industry	pH value	IS 3025 (Part 11)
826	CHEMICAL- WATER	Water for Textile Industry	Sulphate (as SO4)	IS 3025 (Part 24)
827	CHEMICAL- WATER	Water for Textile Industry	Total hardness (as CaCO3)	IS 3025 (Part 21)
828	CHEMICAL- WATER	Water For Textile Industry	Turbidity	IS 3025 (Part 10)
829	CHEMICAL- WATER	Water for Textile Industry	Total Alkalinity (as CaCO3)	IS 3025 (Part 23)
830	CHEMICAL- WATER	Water used in Processed Food Industry	Alkalinity (as HCO3)	IS 3025 (Part 23)
831	CHEMICAL- WATER	Water used in Processed Food Industry	Aluminum (as Al)	IS 3025 (Part 2)
832	CHEMICAL- WATER	Water used in Processed Food Industry	Antimony (as Sb)	IS 3025 (Part 2)
833	CHEMICAL- WATER	Water used in Processed Food Industry	Arsenic (as As)	IS 3025 (Part 2)
834	CHEMICAL- WATER	Water used in Processed Food Industry	Barium (as Ba)	IS 3025 (Part 2)
835	CHEMICAL- WATER	Water used in Processed Food Industry	Borates (as B)	IS 3025 (Part 2)
836	CHEMICAL- WATER	Water used in Processed Food Industry	Cadmium (as Cd)	IS 3025 (Part 2)
837	CHEMICAL- WATER	Water used in Processed Food Industry	Calcium (as Ca)	IS 3025 (Part 2)
838	CHEMICAL- WATER	Water used in Processed Food Industry	Chloride (as Cl)	IS 3025 (Part 32)
839	CHEMICAL- WATER	Water used in Processed Food Industry	Chromium (as Cr)	IS 3025 (Part 2)

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840	CHEMICAL- WATER	Water used in Processed Food Industry	Chromium (as Cr+6)	IS 3025 (Part 52)
841	CHEMICAL- WATER	Water used in Processed Food Industry	Colour	IS 3025 (Part 4)
842	CHEMICAL- WATER	Water used in Processed Food Industry	Copper (as Cu)	IS 3025 (Part 2)
843	CHEMICAL- WATER	Water used in Processed Food Industry	Iron (as Fe)	IS 3025 (Part 2)
844	CHEMICAL- WATER	Water used in Processed Food Industry	Lead (as Pb)	IS 3025 (Part 2)
845	CHEMICAL- WATER	Water used in Processed Food Industry	Magnesium (as Mg)	IS 3025 (Part 2)
846	CHEMICAL- WATER	Water used in Processed Food Industry	Manganese (as Mn)	IS 3025 (Part 2)
847	CHEMICAL- WATER	Water used in Processed Food Industry	Nickel (as Ni)	IS 3025 (Part 2)
848	CHEMICAL- WATER	Water used in Processed Food Industry	Nitrate (as NO3)	IS 3025 (Part 34)
849	CHEMICAL- WATER	Water used in Processed Food Industry	Odour	IS 3025 (Part 5)
850	CHEMICAL- WATER	Water used in Processed Food Industry	Oil & Grease	IS 3025 (Part 39)
851	CHEMICAL- WATER	Water used in Processed Food Industry	pH value	IS 3025 (Part 11)
852	CHEMICAL- WATER	Water used in Processed Food Industry	Residual Free Chlorine (as Cl)	IS 3025 (Part 26)
853	CHEMICAL- WATER	Water used in Processed Food Industry	Selenium (as Se)	IS 3025 (Part 2)
854	CHEMICAL- WATER	Water used in Processed Food Industry	Silver (as Ag)	IS 3025 (Part 2)
855	CHEMICAL- WATER	Water used in Processed Food Industry	Sodium (as Na)	IS 3025 (Part 2)
856	CHEMICAL- WATER	Water used in Processed Food Industry	Sulphate (as SO4)	IS 3025 (Part 24)
857	CHEMICAL- WATER	Water used in Processed Food Industry	Total dissolved Solids	IS 3025 (Part 16)
858	CHEMICAL- WATER	Water used in Processed Food Industry	Total Hardness (as CaCO3)	IS 3025 (Part 21)
859	CHEMICAL- WATER	Water used in Processed Food Industry	Total Solids	IS 3025 (Part 15)
860	CHEMICAL- WATER	Water used in Processed Food Industry	Turbidity	IS 3025 (Part 10)
861	CHEMICAL- WATER	Water used in Processed Food Industry	Zinc (as Zn)	IS 3025 (Part 2)
862	MECHANICAL-MECHANICAL PROPERTIES OF METALS	COVERED ELECTRODES IN WELDING MILD & LOW ALLOY STEEL	DIFFUSIBLE HYDROGEN TEST	IS 11802
863	MECHANICAL-MECHANICAL PROPERTIES OF METALS	COVERED ELECTRODES IN WELDING MILD & LOW ALLOY STEEL	DIFFUSIBLE HYDROGEN TEST	ISO 3690
864	MECHANICAL-MECHANICAL PROPERTIES OF METALS	GREY IRON CASTING	TRANSVERSE TENSILE TEST	IS 210
865	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED STEEL BARS	Bend Test	IS 1599

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866	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED STEEL BARS	BEND TEST	IS 1786
867	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED STEEL BARS	MASS PER UNIT LENGTH	IS 1786
868	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED STEEL BARS	REBEND TEST	IS 1786
869	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED STEEL BARS	TENSILE TEST	IS 1786
870	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars	TENSILE TEST (0.2%PS, UTS, %E)	IS 1608
871	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MANUAL METAL ARC WELDING ELECTRODES	METAL RECOVERY	IS 13043
872	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	CREEP /STRESS RUPTURE TEST	ASTM E139
873	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	CREEP /STRESS RUPTURE TEST	ASTM E292
874	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FATIGUE TEST	ASTM E466
875	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FRACTURE TOUGHNESS -K1C	ASTM E399
876	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FRACTURE TOUGHNESS-CTOD	BS 7448 (PART 1)
877	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FRACTURE TOUGHNESS-CTOD	BS 7448 (PART 1)
878	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FRACTURE TOUGHNESS-CTOD	BS 7448 (PART 3)
879	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FRACTURE TOUGHNESS-CTOD	BS 7448 (Part 3)

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880	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FRACTURE TOUGHNESS-CTOD	ISO 12135
881	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FRACTURE TOUGHNESS-J1c	ASTM E1820
882	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FRACTURE TOUGHNESS-JIc	ASTM E1820
883	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FRACTURE TOUGHNESS-K1C	ASTM E399
884	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	IZOD IMPACT OF METALS	IS 1598
885	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	IZOD IMPACT TEST	IS 1598
886	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL PLATES	THROUGH THICKNESS TENSILE TEST (%RA)	ASTM A770M
887	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL PLATES	THROUGH THICKNESS TENSILE TEST (%RA)	BS EN 10164
888	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (PLATE, ROD & SHEET)	BEND TEST	ASTM E290
889	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (PLATE, ROD & SHEET)	BEND TEST	IS 1599
890	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (PLATE, ROD, PIPE & SHEET)	BEND TEST	ASTM E290
891	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (WIRES, WELDED PIPES AND TUBES)	REVERSE BEND TEST	IS 1716
892	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys	BRINELL HARDNESS TEST-2.5/187.5 & 10/3000	ASTM E10
893	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys	BRINELL HARDNESS TEST-2.5/187.5 & 10/3000	BS EN ISO 6506 (PART 1)

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894	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys	BRINELL HARDNESS TEST-2.5/187.5 & 10/3000	IS 1500 (PART 1)
895	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys	FATIGUE TEST	ASTM E606
896	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys	FATIGUE TEST	ASTM E647
897	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys	FLATTENING TEST	API 5L
898	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys	MICRO VICKERS HARDNESS TEST	ASTM E384
899	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys	MICRO VICKERS HARDNESS TEST	BS EN ISO 6507 (PART 1)
900	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys	MICRO VICKERS HARDNESS TEST	IS 1501 (PART 1)
901	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys	ROCKWELL HARDNESS TEST	IS 1586 (PART 1)
902	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys	ROCKWELL HARDNESS TEST	IS 1586 (PART 1)
903	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys	TENSILE TEST-Plastic Strain ratio (r)	ASTM E517
904	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys	TENSILE TEST-Strain Hardening Component (n, K)	ASTM E646
905	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys	VICKERS HARDNESS TEST	ASTM E92
906	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys	VICKERS HARDNESS TEST	BS EN ISO 6507 (PART 1)
907	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys	VICKERS HARDNESS TEST	IS 1501 (PART 1)

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908	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (Boiler/Pressure Pipes)	CRUSHING STRENGTH	ASTM A370
909	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (Boiler/Pressure Tubes)	CRUSHING STRENGTH	IS 3601
910	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Plate, Rod & Alloys)	Bend Test	IBR
911	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Plate, Rod & Sheet)	BEND TEST	BS EN ISO 5173
912	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Plate, Rod & Sheet)	Bend Test	IBR
913	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Plate, Rod, Sheet)	Bend Test	ASTM A370
914	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (SHEET & STRIP)	Modified Erichsen Cupping Test	IS 10175 (Part 1)
915	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (TUBES / PIPES)	FLANGING TEST	IBR
916	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (TUBES / PIPES)	FLANGING TEST	IS 2330
917	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (TUBES / PIPES)	FLARING/ DRIFT EXPANSION TEST	IBR
918	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (TUBES / PIPES)	FLATTENING TEST	ASTM A370
919	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (TUBES TO TUBE SHEETS MOCK-UP)	PULL OUT TEST	ASME SECTION VIII DIVISION 1
920	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Tubes/Pipes)	FLARING/ DRIFT EXPANSION TEST	ASTM B153
921	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Tubes/Pipes)	FLARING/ DRIFT EXPANSION TEST	IS 2335

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922	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Tubes/Pipes)	FLATTENING TEST	ASTM B111/B111M
923	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS FASTENERS (NUTS)	PROOF LOAD TEST	IS 1367 (PART 6)
924	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS FASTENERS-NUTS	PROOF LOAD TEST	ASTM A370
925	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	TENSILE TEST (YS, UTS, % E, %RA,0.2%PS)	IS 1608
926	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	CHARPY IMPACT TEST	ASME SEC VIII DIV.1
927	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	CHARPY IMPACT TEST	IBR
928	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	CHARPY IMPACT TEST	IS 1757 (Part 1)
929	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	CHARPY IMPACT TEST	ISO 148 (PART 1)
930	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	TENSILE TEST (YS, UTS, % E, %RA,0.2%PS)	ASME SEC II (Part C)
931	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	TENSILE TEST (YS, UTS, % E, %RA,0.2%PS)	IS 814
932	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	CHARPY IMPACT TEST	ASTM A370
933	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	CHARPY IMPACT TEST	ASTM E23
934	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	IZOD IMPACT TEST	IBR
935	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	IZOD IMPACT TEST	IS 1598

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936	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	Bend Test (Butt Weld)	IS 814
937	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, Covered electrodes for MMAW of carbon & C-Mn Steel Welding Rods, electrodes & filler metals	BEND TEST	ASME SECTION IX
938	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, Covered electrodes for MMAW of Carbon & C-Mn Steel Welding rods, electrodes & filler metals	BEND TEST (Butt Weld)	API 5L (46th EDITION)
939	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, Covered electrodes for MMAW of Carbon & C-Mn Steel Welding Rods, Electrodes & Filler Metals	CHARPY IMPACT TEST	ASTM E23
940	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLANGING TEST	ASTM A370
941	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLANGING TEST	IBR
942	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLANGING TEST	IS 2330
943	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLARING/ DRIFT EXPANSION TEST	API 5L (46th EDITION)
944	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLARING/ DRIFT EXPANSION TEST	ASTM A370
945	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLARING/ DRIFT EXPANSION TEST	IBR
946	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLARING/ DRIFT EXPANSION TEST	IS 2335
947	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLATTENING TEST	ASTM A1016/A1016M
948	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLATTENING TEST	ASTM A999/A999M
949	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLATTENING TEST	IBR

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950	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLATTENING TEST	IS 2328
951	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	REVERSE FLATTENING TEST	ASTM A370
952	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS (Wires, Welded Pipes and Tubes)	REVERSE BEND TEST	ASTM A370
953	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS (Welded Test Piece)	BEND TEST	API 1104 (21st Edition)
954	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS (Welded Test Piece)	NICK BREAK TEST	API 1104 (21st Edition)
955	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS, Covered Electrodes for MMAW of Carbon & C-Mn Steel Welding Rods Electrodes & Filler Metals	BEND TEST	API 5L (46th EDITION)
956	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS, Covered Electrodes for MMAW of Carbon & C-Mn Steel Welding Rods Electrodes & Filler Metals	CHARPY IMPACT TEST	ASME SECTION VIII DIVISION 1
957	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	TENSILE TEST (YS, UTS, %E, % RA, 0.2% PS & 1% PS)	IS 1608
958	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals, Alloys	Brinell Hardness Test-2.5/187.5 & 10/3000	ASTM A370
959	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	BRINELL HARDNESS TEST-2.5/187.5 & 10/3000	ASTM E10
960	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	BRINELL HARDNESS TEST-2.5/187.5 & 10/3000	BS EN ISO 6506 (PART 1)
961	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	BRINELL HARDNESS TEST-2.5/187.5 & 10/3000	IS 1500 (PART 1)
962	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	Case Depth-Hardness Traverse Method	IS 6416
963	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	CHARPY IMPACT TEST	ISO 148 (PART 1)

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964	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	ELEVATED TEMPERATURE TENSILE TEST (0.2% PS, UTS, %E, %RA)-40 DEG CELSIUS TO 950 DEGREE CELSIUS	ASTM E21
965	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	ELEVATED TEMPERATURE TENSILE TEST (0.2% PS, UTS, %E, %RA)-40 DEG CELSIUS TO 950 DEGREE CELSIUS	BS EN ISO 6892 (PART 2)
966	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	IZOD IMPACT TEST	IBR
967	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	MICRO VICKERS HARDNESS TEST	ASTM E384
968	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	MICRO VICKERS HARDNESS TEST	BS EN ISO 6507 (PART 1)
969	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	MICRO VICKERS HARDNESS TEST	BS EN ISO 9015 (PART 1)
970	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	MICRO VICKERS HARDNESS TEST	IS 1501 (PART 1)
971	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	MICROVICKERS HARDNESS TEST	ASTM A370
972	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	ROCKWELL HARDNESS TEST	ASTM A370
973	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	ROCKWELL HARDNESS TEST	ASTM E18
974	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	ROCKWELL HARDNESS TEST	BS EN ISO 6508 (PART 1)
975	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	ROCKWELL HARDNESS TEST	BS EN ISO 6508 (PART 1)
976	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	ROCKWELL HARDNESS TEST	IS 1586 (PART 1)

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977	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	ROCKWELL HARDNESS TEST	IS 1586 (PART 1)
978	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	ROCKWELL HARDNESS TEST	IS 1586 (PART 1)
979	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	TENSILE STRAIN HARDENING COMPONENT (n, K)	ASTM E646
980	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals, Alloys	TENSILE TEST (YS, UTS, %E, % RA, 0.2% PS & 1% PS)	IBR
981	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	TENSILE TEST (YS, UTS, %E, %RA)	ASTM E8/E8M
982	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	TENSILE TEST (YS, UTS, %E, %RA, 0.2% PS, 1% PS)	ASTM A370
983	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	TENSILE TEST (YS, UTS, %E, %RA, 0.2%PS, 1%PS)	ASTM B557
984	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	TENSILE TEST (YS, UTS, %E, %RA, 0.2%PS, 1%PS)	IS 1608
985	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals, Alloys	Tensile Test (YS, UTS, %E, %RA, 0.2%PS, 1%PS)	IBR
986	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals, Alloys	TENSILE TEST AT ROOM TEMPERATURE (YS, UTS, %E, % RA, 0.2%PS, 1%PS)	BS EN ISO 4136
987	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	TENSILE TEST AT ROOM TEMPERATURE (YS, UTS, %E, %RA)	ASTM E8/E8M
988	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	TENSILE TEST AT ROOM TEMPERATURE (YS, UTS, %E, %RA, 0.2%PS, 1%PS)	BS EN ISO 6892 (PART 1)
989	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	TENSILE TEST-Plastic Strain Ratio (r)	ASTM E517
990	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals, Alloys	VICKERS HARDNESS TEST	ASTM A370

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991	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	VICKERS HARDNESS TEST	ASTM E92
992	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	VICKERS HARDNESS TEST	BS EN ISO 6507 (PART 1)
993	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	VICKERS HARDNESS TEST	BS EN ISO 9015 (PART 1)
994	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	VICKERS HARDNESS TEST	IS 1501 (PART 1)
995	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS, Covered Electrodes for MMAW of Carbon & C-Mn Steel Welding Rods, electrodes & filler metals	CHARPY IMPACT TEST	ASTM A370
996	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDED METALS AND ALLOYS	NICK BREAK TEST	IBR
997	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDED METALS AND ALLOYS	NICK BREAK TEST	IS 2825
998	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDED METALS AND ALLOYS	TENSILE TEST	API 1104
999	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDED METALS AND ALLOYS	TENSILE TEST	AWS D1.2/D1.2M
1000	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDED METALS AND ALLOYS	TENSILE TEST	AWS D1.6/D1.6M
1001	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Metals and Alloys	TENSILE TEST (Y.S, UTS)	ASME SECTION IX
1002	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Metals and alloys	Tensile Test (YS, UTS)	AWS D1.1/D1.1M
1003	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Metals and Alloys	TENSILE TEST (YS, UTS)	BS EN ISO 15614
1004	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	IGC Practice A	ASTM A262

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1005	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEELS	IGC Practice B	ASTM A262
1006	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEELS	IGC Practice C	ASTM A262
1007	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEELS	IGC Practice C	IS 10461 (PART 1)
1008	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEELS	IGC Practice C	IS 10461 (PART 2)
1009	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEELS	IGC Practice E	ASTM A262
1010	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEELS	IGC Practice E	IS 10461 (Part 2)
1011	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC/FERRITIC (DUPLEX STAINLESS STEEL)	Chloride Stress Corrosion Test	ASTM G36
1012	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC/FERRITIC (DUPLEX STAINLESS STEEL)	Ferric Chloride Corrosion Test	ASTM A923 Method C
1013	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC/FERRITIC (DUPLEX STAINLESS STEEL)	Sodium Hydroxide Etch Test	ASTM A923 Method A
1014	MECHANICAL-METALLOGRAPHY TEST	FERRITIC, AUSTENITIC, DUPLEX (F/A) STAINLESS STEELS	IGC Test (Huey Test)	ISO 3651 (PART 1)
1015	MECHANICAL-METALLOGRAPHY TEST	Ferritic, Austenitic, Duplex(F/A) stainless steels	IGC Test-Method A, B & C	ISO 3651 (PART 2)
1016	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials,alloys & products	Macroetch Testing of Consumable Electrode Remelted Steel Bars and Billets	ASTM A604/A604M
1017	MECHANICAL-METALLOGRAPHY TEST	METALS & ALLOYS	COATING THICKNESS MEASUREMENT	IS 3203
1018	MECHANICAL-METALLOGRAPHY TEST	METALS & ALLOYS	DECARB MEASUREMENT	ASTM E1077
1019	MECHANICAL-METALLOGRAPHY TEST	METALS & ALLOYS	DECARB MEASUREMENT	IS 6396
1020	MECHANICAL-METALLOGRAPHY TEST	METALS & ALLOYS	FERRITE MEASUREMENT	ASTM E1245
1021	MECHANICAL-METALLOGRAPHY TEST	METALS & ALLOYS	FERRITE MEASUREMENT	ASTM E562
1022	MECHANICAL-METALLOGRAPHY TEST	METALS & ALLOYS	FERRITE MEASUREMENT by Ferritoscope	ASTM A800/A800M

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1023	MECHANICAL-METALLOGRAPHY TEST	METALS & ALLOYS	INCLUSION RATING IN STEEL	ASTM E45
1024	MECHANICAL-METALLOGRAPHY TEST	METALS & ALLOYS	INCLUSION RATING IN STEEL	IS 4163
1025	MECHANICAL-METALLOGRAPHY TEST	METALS & ALLOYS	Macro Etch Test	ASTM E381
1026	MECHANICAL-METALLOGRAPHY TEST	Metals & alloys	Sulphide Stress Cracking-Four Point Bend Method	NACE TM0316
1027	MECHANICAL-METALLOGRAPHY TEST	Metals & alloys	Sulphide Stress Cracking-Method A	NACE TM0177
1028	MECHANICAL-METALLOGRAPHY TEST	Metals & alloys	Sulphide Stress Cracking-Method B	NACE TM0177
1029	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Hydrogen Induced Cracking Test	NACE TM0284
1030	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	AVERAGE GRAIN SIZE MEASUREMENT	ASTM E112
1031	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	AVERAGE GRAIN SIZE MEASUREMENT	IS 4748
1032	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Case Depth-by Microscopic Method	IS 6416
1033	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Macro Etch Test	ASME SECTION IX
1034	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Macro Etch Test	ASTM E340
1035	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Macro Etch Test	BS EN 17639
1036	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Macro Etch Test	IS 13015
1037	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Macroetch test	IS 11371
1038	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Macroetching	ASTM E340
1039	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	MICROSTRUCTURE	ASM Handbook Volume 9
1040	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	MICROSTRUCTURE	ASM HANDBOOK VOLUME IX
1041	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Microstructure	ASTM E3

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1042	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Microstructure	ASTM E407
1043	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	MICROSTRUCTURE	BS EN 17639
1044	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	MICROSTRUCTURE	IS 7739 (PART 1)
1045	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Microstructure of Cast Iron	ASTM A247
1046	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Microstructure of cast iron	IS 7754
1047	MECHANICAL-METALLOGRAPHY TEST	Metals, Alloys & Welds	AVERAGE GRAIN SIZE MEASUREMENT	ASTM E112
1048	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	AVERAGE GRAIN SIZE MEASUREMENT	IS 4748
1049	MECHANICAL-METALLOGRAPHY TEST	STAINLESS STEELS AND NICKEL BASE, CHROMIUM BEARING ALLOYS	Crevice Corrosion Test	ASTM G48 Method B
1050	MECHANICAL-METALLOGRAPHY TEST	STAINLESS STEELS AND NICKEL BASE, CHROMIUM BEARING ALLOYS	Pitting Corrosion	ASTM G48 Method A
1051	MECHANICAL-METALLOGRAPHY TEST	WROUGHT, CAST, WELDED NICKEL RICH CHROMIUM BEARING ALLOYS	Ferric sulphate-Sulphuric acid Test	ASTM G28 Method A
1052	MECHANICAL-METALLOGRAPHY TEST	WROUGHT, CAST, WELDED NICKEL RICH CHROMIUM BEARING ALLOYS	Mixed Acid-Oxidizing Salt Test	ASTM G28 Method B
1053	RADIOLOGICAL- WATER (RADIOACTIVE CONTAMINANTS)	Package drinking water/Packaged natural mineral water	Beta Emitters	IS 14194 (Part 1)
1054	RADIOLOGICAL- WATER (RADIOACTIVE CONTAMINANTS)	Industrial Effluents	Alpha Emitters	IS 14194 (Part 2)
1055	RADIOLOGICAL- WATER (RADIOACTIVE CONTAMINANTS)	Industrial Effluents	Beta Emitters	IS 14194 (Part 1)
1056	RADIOLOGICAL- WATER (RADIOACTIVE CONTAMINANTS)	Package drinking water/Packaged natural mineral water	Alpha Emitters	IS 14194 (Part 2)
1057	RADIOLOGICAL- WATER (RADIOACTIVE CONTAMINANTS)	Potable drinking Water	Alpha Emitters	IS 14194 (Part 2)
1058	RADIOLOGICAL- WATER (RADIOACTIVE CONTAMINANTS)	Potable Drinking Water	Beta emitters	IS 14194 (Part 1)

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1059	RADIOLOGICAL- WATER (RADIOACTIVE CONTAMINANTS)	Water for food processing industry/water for fermentation industry/water for ice manufacturing industry/water for seafood processing industry	Alpha Emitters	IS 14194 (Part 2)
1060	RADIOLOGICAL- WATER (RADIOACTIVE CONTAMINANTS)	Water for food processing industry/water for fermentation industry/water for ice manufacturing industry/water for seafood processing industry	Beta Emitters	IS 14194 (Part 1)

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LOCATION 2 - 17-A/1, GROUND FLOOR, SHIV SHAKTI INDUSTRIAL ESTATE, OFF L.B.S MARG, GHATKOPAR (W), MUMBAI, MAHARASHTRA, INDIA Permanent Facility				
1	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Hydrogen Induced cracking	NACE TM0284
2	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Sulphide Stress Cracking-Four Point Bend Method	NACE TM0316
3	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Sulphide Stress Cracking-Method A	NACE TM0177
4	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Sulphide Stress Cracking-Method B	NACE TM0177

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.