National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MICROLAB, SP. 101, 2ND MAIN ROAD, AMBATTUR INDUSTRIAL ESTATE, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 21/12/2021 to 20/12/2023 **Last Amended on** 09/06/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
LOCATION 1-SP. 101, 2ND MAIN ROAD, AMBATTUR INDUSTRIAL ESTATE, CHENNAI, TAMIL NADU, INDIA Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Cement (OPC/SRPC/PSC)	Aluminium Oxide(Al2O3)	ML/SPL/BM-CM:25/10/2019
2	CHEMICAL- BUILDING MATERIAL	Cement (OPC/SRPC/PSC)	Calcium Oxide (CaO)	ASTM C114
3	CHEMICAL- BUILDING MATERIAL	Cement (OPC/SRPC/PSC)	Chlorides	ASTM C114
4	CHEMICAL- BUILDING MATERIAL	Cement (OPC/SRPC/PSC)	Ferric Oxide(Fe2O3)	ML/SPL/BM-CM:25/10/2019
5	CHEMICAL- BUILDING MATERIAL	Cement (OPC/SRPC/PSC)	Insoluble Residues	ASTM C114
6	CHEMICAL- BUILDING MATERIAL	Cement (OPC/SRPC/PSC)	Loss on Ignition	ASTM C114
7	CHEMICAL- BUILDING MATERIAL	Cement (OPC/SRPC/PSC)	Magnesium Oxide(MgO)	ML/SPL/BM-CM:25/10/2019
8	CHEMICAL- BUILDING MATERIAL	Cement (OPC/SRPC/PSC)	Potassium Oxide(K2O)	ML/SPL/BM-CM:25/10/2019
9	CHEMICAL- BUILDING MATERIAL	Cement (OPC/SRPC/PSC)	Silicon Dioxide(SiO2)	ASTM C114
10	CHEMICAL- BUILDING MATERIAL	Cement (OPC/SRPC/PSC)	Sodium Oxide(Na2O)	ML/SPL/BM-CM:25/10/2019
11	CHEMICAL- BUILDING MATERIAL	Cement (OPC/SRPC/PSC)	Sulphur Trioxide(SO3)	ASTM C114
12	CHEMICAL- BUILDING MATERIAL	Cement (OPC/SRPC/PSC)	Titanium Dioxide(TiO2)	ML/SPL/BM-CM:25/10/2019
13	CHEMICAL- BUILDING MATERIAL	Silica Sand	Alumina(Al2O3)	ML/SPL/SIS:25/10/2019
14	CHEMICAL- BUILDING MATERIAL	Silica Sand	Calcium(CaO)	ML/SPL/SIS:25/10/2019
15	CHEMICAL- BUILDING MATERIAL	Silica Sand	Iron Oxide(Fe2O3)	ML/SPL/SIS:25/10/2019
16	CHEMICAL- BUILDING MATERIAL	Silica Sand	Loss of Ignition	IS 1917 Part 1
17	CHEMICAL- BUILDING MATERIAL	Silica Sand	Magnesium(MgO)	ML/SPL/SIS:25/10/2019
18	CHEMICAL- BUILDING MATERIAL	Silica Sand	Potassium(K2O)	ML/SPL/SIS:25/10/2019

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19	CHEMICAL- BUILDING MATERIAL	Silica Sand	Silica(SiO2)	IS 1917 Part 3
20	CHEMICAL- BUILDING MATERIAL	Silica Sand	Sodium(Na2O)	ML/SPL/SIS:25/10/2019
21	CHEMICAL- BUILDING MATERIAL	Silica Sand	Titania(TiO2)	ML/SPL/SIS:25/10/2019
22	CHEMICAL- BUILDING MATERIAL	Zircon Sand	Loss of Ignition	IS 10085
23	CHEMICAL- BUILDING MATERIAL	Zircon Sand	Silica(SiO2)	IS 10085
24	CHEMICAL- BUILDING MATERIAL	Zircon Sand	Zirconia (ZrO2)	IS 10085
25	CHEMICAL- CORROSION TESTS	Austenitic & Duplex Stainless Steel	Intergranular Corrosion of Stainless Steels (Huey Test)	ISO 3651 Part 1
26	CHEMICAL- CORROSION TESTS	Carbon Steel, Stainless Steels & Duplex Stainless Steels	Test for Resistance to Sulphide Stress Corrosion Cracking (SSCC at RT, 90 & 120 Degree Celsius)	NACE TM 0177
27	CHEMICAL- CORROSION TESTS	Coated Products / Panels / Raw Materials	Standard Practice for Testing Water Resistance of Coatings Using Water Fog Apparatus	ASTM D 1735
28	CHEMICAL- CORROSION TESTS	Copper / Nickel / Chromium Coating on Steel, Zinc Alloys, Aluminium Alloys & Plastics and on Aluminiu Anodized Samples	Copper - Accelerated AceticAcid SaltSpray test (CASS Test)	ASTM B368
29	CHEMICAL- CORROSION TESTS	Copper / Nickel / Chromium Coating on Steel, Zinc Alloys, Aluminium Alloys & Plastics and on Aluminium Anodized Samples	Copper - Accelerated Acetic Acid Salt Spray Test (CASS Test)	ISO 9227
30	CHEMICAL- CORROSION TESTS	Copper Base Alloys	Mecrurrous Nitrate Test Procedure A	ASTM B154
31	CHEMICAL- CORROSION TESTS	Copper Base Alloys	Mercurrous Nitrate Test Procedure A	IS 2305:1988
32	CHEMICAL- CORROSION TESTS	Corrosion tests	Corrosion of metals and alloys — Stress corrosion testing — Part 2: Preparation and use of bent-beam specimens	ISO 7539-2
33	CHEMICAL- CORROSION TESTS	Corrosion tests	Standard Practice for Preparation and Use of Bent-Beam Stress-Corrosion Test Specimens	ASTM G39-99

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34	CHEMICAL- CORROSION TESTS	Duplex Stainless Steel	Intergranular Corrosion Test - Method A	ASTM A923
35	CHEMICAL- CORROSION TESTS	Duplex Stainless Steel	Intergranular Corrosion Test - Method C	ASTM A923
36	CHEMICAL- CORROSION TESTS	Duplex Stainless Steel	Pitting Corrosion Test, Method A	ISO 17781-2017, G48-11
37	CHEMICAL- CORROSION TESTS	Ferritic Stainless Steel	Intergranular Attack in Ferritic Steel Practice W	ASTM A763
38	CHEMICAL- CORROSION TESTS	Ferritic,Austenitic & Duplex Stainless Steel	Intergranular Corrosion of Stainless Steel	ISO 3651 Part 2
39	CHEMICAL- CORROSION TESTS	Ferrous & Non ferrous Material (Inorganic & Organic Coatings)	Acetic Acid Salt Spray Test (ASS Test)	ASTM G85
40	CHEMICAL- CORROSION TESTS	Ferrous & Non ferrous Material (Inorganic & Organic Coatings)	Acetic Acid Salt Spray Test (ASS Test)	ISO 9227
41	CHEMICAL- CORROSION TESTS	Inorganic & Organic coated produc/ material	Accelerated cyclic test with exposure to acidified salt spray, dry and wet conditions	ISO 16151
42	CHEMICAL- CORROSION TESTS	Inorganic & Organic coated produc/ material	Corrosion in artificial atmosphere — Accelerated corrosion test involving exposure under controlled conditions of humidity cycling and intermittent spraying of a salt solution	ISO 16701
43	CHEMICAL- CORROSION TESTS	Inorganic & Organic coated produc/ material	Corrosion of metals and alloys — Accelerated cyclic test with exposure to acidified salt spray, dry and wet conditions	ISO 16151
44	CHEMICAL- CORROSION TESTS	Inorganic & Organic coated produc/ material	Laboratory Cyclic Corrosion Test	SAE-J-2334-Apr
45	CHEMICAL- CORROSION TESTS	Inorganic & Organic coated produc/ material	Standard Practice for Testing Water Resistance of Coatings Using Water Fog Apparatus	ASTM D 1735
46	CHEMICAL- CORROSION TESTS	Inorganic & Organic coated produc/ material	Standard Practice for Testing Water Resistance of Coatings Using Water Fog Apparatus	ASTM D1735
47	CHEMICAL- CORROSION TESTS	Inorganic & Organic Coating (Plated & Painted) Materials	Neutral Salt Spray	ASTM B117
48	CHEMICAL- CORROSION TESTS	Inorganic & Organic Coating (Plated & Painted) Materials	Neutral Salt Spray	ISO 9227

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49	CHEMICAL- CORROSION TESTS	Phosphate Coating on Ferrous Metals	Mass of Phosphate Coating	IS 3618:1966
50	CHEMICAL- CORROSION TESTS	Stainless Steel Wrought / Cast Products	Intergranular Corrosion Test - Practice A	ASTM A262
51	CHEMICAL- CORROSION TESTS	Stainless Steel Wrought / Cast Products	Intergranular Corrosion Test - Practice B	ASTM A262
52	CHEMICAL- CORROSION TESTS	Stainless Steel Wrought / Cast Products	Intergranular Corrosion Test - Practice C	ASTM A262
53	CHEMICAL- CORROSION TESTS	Stainless Steel Wrought / Cast Products	Intergranular Corrosion Test - Practice E	ASTM A262
54	CHEMICAL- CORROSION TESTS	Stainless Steel Wrought / Cast Products	Intergranular Corrosion Test - Practice F	ASTM A262
55	CHEMICAL- CORROSION TESTS	Stainless Steels & Duplex Stainless Steels	Pitting Corrosion Test - Method A	ASTM G48-11
56	CHEMICAL- CORROSION TESTS	Stainless Steels & Duplex Stainless Steels	Pitting Corrosion Test - Method B	ASTM G48-11
57	CHEMICAL- CORROSION TESTS	Stainless Steels & Duplex Stainless Steels	Pitting Corrosion Test - Method C	ASTM G48-11
58	CHEMICAL- CORROSION TESTS	Stainless Steels & Duplex Stainless Steels	Pitting Corrosion Test - Method D	ASTM G48-11
59	CHEMICAL- CORROSION TESTS	Stainless Steels & Duplex Stainless Steels	Pitting Corrosion Test - Method E	ASTM G48-11
60	CHEMICAL- CORROSION TESTS	Stainless Steels & Duplex Stainless Steels	Pitting Corrosion Test - Method F	ASTM G48-11
61	CHEMICAL- CORROSION TESTS	Stainless Steels & Duplex Stainless Steels	Stress Corrosion Cracking Test in Boiling Magnesium Chloride Solution (CSSC)	ASTM G36
62	CHEMICAL- CORROSION TESTS	Steel Pipes & Pressure Vessel Plates	Test for Resistance to Hydrogen Induced Cracking (HIC)	NACE TM 0284
63	CHEMICAL- CORROSION TESTS	Wroght Nickel Rich Chrome Bearing Alloys	Intergranular Corrosion Test Method B	ASTM G28-02
64	CHEMICAL- CORROSION TESTS	Wrought Nickel Rich Chromium Bearing Alloys	Intergranular Corrosion Test - Method A	ASTM G28-02
65	CHEMICAL- CORROSION TESTS	Zinc Coating on Ferrous Metals	Mass of Zinc Coating	ASTM A90/A90M
66	CHEMICAL- CORROSION TESTS	Zinc Coating on Ferrous Metals	Mass of Zinc Coating	IS 6745

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67	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys, Nickel alloys)	Bis(2-ethylexyl)phthalate(DEHP)	IEC-62321 Part 8
68	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys, Nickel alloys)	ButylBenzylpthalate(BBP)	IEC-62321 Part 8
69	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys, Nickel alloys)	Cadmium	BS EN 62321-Part 5
70	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys, Nickel alloys)	Dibutylpthalate (DBP)	IEC-62321 Part 8
71	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys, Nickel alloys)	Diisobutylphthalate (DIBP)	IEC-62321 Part 8
72	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys, Nickel alloys)	Hexavalent Chromium	IEC-62321 Part 7 -1
73	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys, Nickel alloys)	Lead	BS EN 62321 Part 5
74	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys, Nickel alloys)	Mercury	BS EN 62321 Part 4
75	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymers (Nylon material, PVC material, ABS material, Delrin material, Polyethyene material, Polyester material, Polyteflon material, Rubber & Rubber products)	Bis(2-ethylexyl)phthalate(DEHP)	IEC-62321 Part 8
76	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymers (Nylon material, PVC material, ABS material, Delrin material, Polyethyene material, Polyester material, Polyteflon material, Rubber & Rubber products)	ButylBenzylpthalate (BBP)	IEC-62321 Part 8
77	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymers (Nylon material, PVC material, ABS material, Delrin material, Polyethyene material, Polyester material, Polyteflon material, Rubber & Rubber products)	Cadmium	BS EN 62321 Part 5
78	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymers (Nylon material, PVC material, ABS material, Delrin material, Polyethyene material, Polyester material, Polyteflon material, Rubber & Rubber products)	Dibutylpthalate (DBP)	IEC-62321 Part 8
79	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymers (Nylon material, PVC material, ABS material, Delrin material, Polyethyene material, Polyester material, Polyteflon material, Rubber & Rubber products)	Diisobutylphthalate (DIBP)	IEC-62321 Part 8
80	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymers (Nylon material, PVC material, ABS material, Delrin material, Polyethyene material, Polyester material, Polyteflon material, Rubber & Rubber products)	Hexavalent Chromium as Cr6+	IEC-62321 Part 7 -2

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81	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymers (Nylon material, PVC material, ABS material, Delrin material, Polyethyene material, Polyester material, Polyteflon material, Rubber & Rubber products)	Lead	BS EN 62321 Part 5
82	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymers (Nylon material, PVC material, ABS material, Delrin material, Polyethyene material, Polyester material, Polyteflon material, Rubber & Rubber products)	Mercury	BS EN 62321 Part 4
83	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Beryllium	ASTM E1251
84	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Bismuth	ASTM E1251
85	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Chromium	ASTM E1251
86	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Copper	ASTM E1251
87	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Copper	ML/NF-Al-01-15/ICP OES Issue 1
88	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Iron	ASTM E1251
89	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Iron	ML/NF-Al-01/15/ICP OES, Issue 1
90	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Lead	ASTM E1251
91	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Lead	ML/NF-Al-01-15/ICP OES, Issue 1
92	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Magnesium	ASTM E1251
93	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Magnesium	ML/NF-Al-01-15/ICPOES, Issue 1
94	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Manganese	ASTM E1251
95	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Manganese	ML/NF-Al-01-15/ICP OES, Issue 1
96	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Nickel	ASTM E1251
97	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Nickel	ML/NF-Al-01-15/ICP OES, Issue 1
98	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Si,Mg,Mn,Cu,Ti,Pb & Sn	ASTM E1916 by using Hand held XRF

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99	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Silicon	ASTM E1251
100	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Silicon	IS 504
101	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Strontium	ASTM E1251
102	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Tin	ASTM E1251
103	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Tin	ML/NF-Al-01-15/ICP OES, Issue 1
104	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Titanium	ASTM E1251
105	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Titanium	ML/NF-Al-01-15/ICP OES, Issue 1
106	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Vanadium	ASTM E1251
107	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Vanadium	ML/NF-Al-01-15/ICPOES Issue 1 October 08
108	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zinc	ASTM E1251
109	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Zinc	ML/NF-Al-01-15/ICPOES Issue 1 October 08
110	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zirconium	ASTM E1251
111	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Zirconium	ML/NF-Al-01-15/ICPOES Issue 1 October 08
112	CHEMICAL- METALS & ALLOYS	Carbon Steel	Aluminium	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
113	CHEMICAL- METALS & ALLOYS	Carbon Steel	Carbon	IS 228 Part 1
114	CHEMICAL- METALS & ALLOYS	Carbon Steel	Chromium	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
115	CHEMICAL- METALS & ALLOYS	Carbon Steel	Cobalt	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
116	CHEMICAL- METALS & ALLOYS	Carbon Steel	Copper	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
117	CHEMICAL- METALS & ALLOYS	Carbon Steel	Lead	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08

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118	CHEMICAL- METALS & ALLOYS	Carbon Steel	Manganese	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
119	CHEMICAL- METALS & ALLOYS	Carbon Steel	Molybdenum	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
120	CHEMICAL- METALS & ALLOYS	Carbon Steel	Nickel	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
121	CHEMICAL- METALS & ALLOYS	Carbon Steel	Phosphorus	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
122	CHEMICAL- METALS & ALLOYS	Carbon Steel	Silicon	IS 228 Part 8
123	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulphur	IS 12308 Part 2
124	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulphur	IS 228 Part 20
125	CHEMICAL- METALS & ALLOYS	Carbon Steel	Tin	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
126	CHEMICAL- METALS & ALLOYS	Carbon Steel	Titanium	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
127	CHEMICAL- METALS & ALLOYS	Carbon Steel	Vanadium	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
128	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Boron	ASTM E1999
129	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Boron	JIS-G-1253:2002 A-1
130	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Carbon	ASTM E1999
131	CHEMICAL- METALS & ALLOYS	Cast Iron / SG iron	Carbon	IS 12308 Part 11
132	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Carbon	JIS-G-1253:2002 A-1
133	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Chromium	ASTM E1999
134	CHEMICAL- METALS & ALLOYS	Cast Iron / SG iron	Chromium	JIS-G-1253:2002 A-1
135	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Chromium	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
136	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Copper	ASTM E1999

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137	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Copper	JIS-G-1253:2002 A-1
138	CHEMICAL- METALS & ALLOYS	Cast Iron / SG iron	Copper	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
139	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Lead	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
140	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Magnesium	ASTM E1999
141	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Magnesium	JIS-G-1253:2002 A-1
142	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Magnesium	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
143	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Manganese	ASTM E1999
144	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Manganese	JIS-G-1253:2002 A-1
145	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Manganese	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
146	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Molybdenum	ASTM E1999
147	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Molybdenum	JIS-G-1253:2002 A-1
148	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Molybdenum	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
149	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Nickel	ASTM E1999
150	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Nickel	JIS-G-1253:2002 A-1
151	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Nickel	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
152	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Phosphorus	JIS-G-1253:2002 A-1
153	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Phosphorus	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
154	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Phosphours	ASTM E1999
155	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Silicon	ASTM E1999

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
156	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Silicon	IS 12308 Part 6
157	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Silicon	JIS-G-1253:2002 A-1
158	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Sulphur	ASTM E1999
159	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Sulphur	IS 12308 Part 2
160	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Sulphur	JIS-G-1253:2002 A-1
161	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Tin	ASTM E1999
162	CHEMICAL- METALS & ALLOYS	Cast Iron / Sg Iron	Tin	JIS-G-1253:2002 A-1
163	CHEMICAL- METALS & ALLOYS	Cast Iron / SG iron	Tin	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
164	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Titanium	ASTM E1999
165	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Titanium	JIS-G-1253:2002 A-1
166	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Vanadium	ASTM E1999
167	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Vanadium	JIS-G-1253:2002 A-1
168	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Vanadium	ML/Val/ST-Fe-01/13/ICPOES Issue 1 October 08
169	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Al,Cr,Cu,Fe,Mn,Mo,Ni,V & W	ASTM E1916 by using Hand held XRF
170	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Aluminium	ML/VAL/Co Issue 1 April 15
171	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Boron	ML/VAL/Co Issue 1 April 15
172	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Carbon	ML/VAL/Co Issue 1 April 15
173	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Chromium	ML/VAL/Co Issue 1 April 15
174	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Copper	ML/VAL/Co Issue 1 April 15

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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
175	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Iron	ML/VAL/Co Issue 1 April 15
176	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Manganese	ML/VAL/Co Issue 1 April 15
177	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Molybdenum	ML/VAL/Co Issue 1 April 15
178	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Nickel	ML/VAL/Co Issue 1 April 15
179	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Niobium / Columbium	ML/VAL/Co Issue 1 April 15
180	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Phosphorus	ML/VAL/Co Issue 1 April 15
181	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Silicon	ML/VAL/Co Issue 1 April 15
182	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Sulphur	ML/VAL/Co Issue 1 April 15
183	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Tantalum	ML/VAL/Co Issue 1 April 15
184	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Titanium	ML/VAL/Co Issue 1 April 15
185	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Tungsten	ML/VAL/Co Issue 1 April 15
186	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Vanadium	ML/VAL/Co Issue 1 April 15
187	CHEMICAL- METALS & ALLOYS	Copper & it alloys	Phosphorus	ML/VAL/Cu/2011-2012 by OES, Issue 1
188	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Aluminium	BS EN 15079
189	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Aluminium	ML/NF-Cu-01-15/ICP OES, Issue 1, dt 08.10
190	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Aluminium	ML/VAL/Cu/2011-2012 by OES, Issue 1
191	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Antimony	BS EN 15079
192	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Antimony	ML/NF-Cu-01-15/ICP OES, Issue 1, dt 08.10
193	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Antimony	ML/VAL/Cu/2011-2012 by OES, Issue 1

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
194	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Arsenic	BS EN 15079
195	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Arsenic	ML/VAL/Cu/2011-2012 by OES, Issue 1
196	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Beryllium	BS EN 15079
197	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Beryllium	ML/VAL/Cu/2011-2012 by OES, Issue 1
198	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Bismuth	BS EN 15079
199	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Bismuth	ML/NF-Cu-01-15/ICP OES, Issue 1
200	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Bismuth	ML/VAL/Cu/2011-2012 by OES, Issue 1
201	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Chromium	BS EN 15079
202	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Chromium	ML/VAL/Cu/2011-2012 by OES, Issue 1
203	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cobalt	BS EN 15079
204	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cobalt	ML/VAL/Cu/2011-2012 by OES, Issue 1
205	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Copper	ASTM E53
206	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Copper	IS 4027 Part 1
207	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cu,Sn,Pb,Ni,Fe,Al,Mn,Cr,Co,Sb & P	ASTM E1916 by using Hand held XRF
208	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	BS EN 15079
209	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Iron	ML/NF-Cu-01-15/ICP OES, Issue 1
210	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	ML/VAL/Cu/2011-2012 by OES, Issue 1
211	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	BS EN 15079
212	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Lead	IS 4027 Part 1

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
213	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Lead	ML/NF-Cu-01-15/ICP OES, Issue 1
214	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	ML/VAL/Cu/2011-2012 by OES, Issue 1
215	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Manganese	BS EN 15079
216	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Manganese	ML/VAL/Cu/2011-2012 by OES, Issue 1
217	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	BS EN 15079
218	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Nickel	ML/NF-Cu-01-15/ICP OES, Issue 1
219	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	ML/VAL/Cu/2011-2012 by OES, Issue 1
220	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Oxygen	ASTM E2575
221	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phospours	BS EN 15079
222	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silicon	BS EN 15079
223	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silicon	ML/VAL/Cu/2011-2012 by OES, Issue 1
224	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Silver	ML/NF-Cu-01-15/ICP OES, Issue 1
225	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Sulphur	BS EN 15079
226	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Sulphur	IS 12308 Part 2
227	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Sulphur	ML/VAL/Cu/2011-2012 by OES, Issue 1
228	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	BS EN 15079
229	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Tin	IS 4667 Part 2
230	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Tin	ML/NF-Cu-01-15/ICP OES, Issue 1
231	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	ML/VAL/Cu/2011-2012 by OES, Issue 1

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232	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	BS EN 15079
233	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Zinc	IS 4027 Part 6
234	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Zinc	ML/NF-Cu-01-15/ICP OES, Issue 1
235	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	ML/VAL/Cu/2011-2012 by OES, Issue 1
236	CHEMICAL- METALS & ALLOYS	Lead & Lead Alloy	Arsenic	ML/NF-Pb-01/19/By ICPOES Issue 1 November 10
237	CHEMICAL- METALS & ALLOYS	Lead & Lead Alloy	Bismuth	ML/NF-Pb-01/19/By ICPOES Issue 1 November 10
238	CHEMICAL- METALS & ALLOYS	Lead & Lead Alloy	Copper	ML/NF-Pb-01/19/By ICPOES Issue 1 November 10
239	CHEMICAL- METALS & ALLOYS	Lead & Lead Alloy	Lead	IS 403
240	CHEMICAL- METALS & ALLOYS	Lead & Lead Alloy	Nickel	ML/NF-Pb-01/19/By ICPOES Issue 1 November 10
241	CHEMICAL- METALS & ALLOYS	Lead & Lead Alloy	Tin	ML/NF-Pb-01/19/By ICPOES Issue 1 November 10
242	CHEMICAL- METALS & ALLOYS	Lead & Lead Alloys	Antimony	ML/NF-Pb-01/19/By ICPOES Issue 1 November 10
243	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Aluminium	ASTM E3047
244	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Aluminium	ML/VAL/Ni/2011-2012 by OES Issue 1 September 21
245	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Boron	ASTM E3047
246	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Carbon	ASTM E3047
247	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Carbon	ML/VAL/Ni/2011-2012 by OES Issue 1 September 21
248	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium	ASTM E3047
249	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium	ML/VAL/Ni/2011-2012 by OES Issue 1 September 21
250	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt	ASTM E3047

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251	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt	ML/VAL/Ni/2011-2012 by OES Issue 1 September 21
252	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	ASTM E3047
253	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	ML/VAL/Ni/2011-2012 by OES Issue 1 September 21
254	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	ASTM E3047
255	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	ML/VAL/Ni/2011-2012 by OES Issue 1 September 21
256	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese	ASTM E3074
257	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese	ML/VAL/Ni/2011-2012 by OES Issue 1 September 21
258	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum	ASTM E3047
259	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum	ML/VAL/Ni/2011-2012 by OES Issue 1 September 21
260	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Ni,Mn,Fe,Mo,V,Cu,Nb,Co,W,Ti & Cr	ASTM E1916 by using Hand held XRF
261	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Niobium	ASTM E3047
262	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Niobium	ML/VAL/Ni/2011-2012 by OES Issue 1 September 21
263	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Phosporus	ASTM E3047
264	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Phosporus	ML/VAL/Ni/2011-2012 by OES Issue 1 September 21
265	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon	ASTM E3074
266	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon	ML/VAL/Ni/2011-2012 by OES Issue 1 September 21
267	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Sulphur	ASTM E3047
268	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Sulphur	ML/VAL/Ni/2011-2012 by OES Issue 1 September 21
269	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tantalum	ASTM E3047

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270	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tantulam	ML/VAL/Ni/2011-2012 by OES Issue 1 September 21
271	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium	ASTM E3047
272	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium	ML/VAL/Ni/2011-2012 by OES Issue 1 September 21
273	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tungsten	ASTM E3047
274	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tungsten	ML/VAL/Ni/2011-2012 by OES Issue 1 September 21
275	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Vanadium	ASTM E3047
276	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Vanadium	ML/VAL/Ni/2011-2012 by OES Issue 1 September 21
277	CHEMICAL- METALS & ALLOYS	Nickel base	Ni,Mn,Fe,Mo,V,Cu,Nb,Co,W,Ti,Cr,C,Si,P & S	ASTM E1916 by using Portable Optical Emission Spectrometer
278	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steel	Aluminium	ASTM E1476
279	CHEMICAL- METALS & ALLOYS	Plain carbon & Low alloy Steel	Aluminium	IS 8811
280	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Carbon	ASTM E1476
281	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Carbon	IS8811
282	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Chromium	ASTM E 1476
283	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Chromium	IS 8811
284	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Copper	ASTM E1476
285	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Copper	IS 8811
286	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Manganese	ASTM E1476
287	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Manganese	IS 8811
288	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Molybdenum	ASTM E 1476

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289	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Molybdenum	IS 8811
290	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Nickel	ASTM E 1476
291	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Nickel	IS 8811
292	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Phosphorus	ASTM E 1476
293	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Phosphorus	IS 8811
294	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Silicon	ASTM E1476
295	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Silicon	IS 8811
296	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Sulfur	ASTM E 1476
297	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Sulfur	IS 8811
298	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Vanadium	ASTM E 1476
299	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low alloy Steel	Vanadium	IS 8811
300	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Aluminium	ASTM E415
301	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Aluminium	IS 8811
302	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Aluminium	JIS-G-1253:2002 A-1
303	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Aluminium	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1
304	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Arsenic	ASTM E415
305	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Arsenic	IS 8811
306	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Arsenic	JIS-G-1253:2002 A-1
307	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Arsenic	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES Issue 1

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308	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Boron	ASTM E415
309	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Boron	IS 881
310	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Boron	JIS-G-1253:2002 A-1
311	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Boron	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1
312	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Carbon	ASTM E415
313	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Carbon	IS 8811
314	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Carbon	JIS-G-1253:2002 A-1
315	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Carbon	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1
316	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Chromium	ASTM E415
317	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Chromium	IS 8811
318	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Chromium	JIS-G-1253:2002 A-1
319	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Chromium	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1
320	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Cobalt	ASTM E415
321	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Cobalt	IS 8811
322	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Cobalt	JIS-G-1253:2002 A-1
323	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Cobalt	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1
324	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Copper	ASTM E415
325	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Copper	IS 8811
326	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Copper	JIS-G-1253:2002 A-1

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327	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Copper	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1
328	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Lead	ASTM E415
329	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Lead	IS 8811
330	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Lead	JIS-G-1253:2002 A-1
331	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Lead	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES Issue 1
332	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Manganese	ASTM E415
333	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Manganese	IS 8811
334	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Manganese	JIS-G-1253:2002 A-1
335	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Manganese	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1
336	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Molybdenum	ASTM E415
337	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Molybdenum	JIS-G-1253:2002 A-1
338	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Molybdenum	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1
339	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Molybedenum	IS 8811
340	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Nickel	ASTM E415
341	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Nickel	IS 8811
342	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Nickel	JIS-G-1253:2002 A-1
343	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Nickel	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1
344	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Niobium / Columbium	ASTM E415
345	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Niobium / Columbium	IS 8811

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346	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Niobium / Columbium	JIS-G-1253:2002 A-1
347	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Niobium / Columbium	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1
348	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Nitrogen	ASTM E415
349	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Nitrogen	IS 8811
350	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Nitrogen	JIS-G-1253:2002 A-1
351	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Nitrogen	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1
352	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Phosphorus	ASTME415
353	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Phosphorus	IS 8811
354	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Phosphorus	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1
355	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Phosporus	JIS-G-1253:2002 A-1
356	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Silicon	ASTM E415
357	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Silicon	IS 8811
358	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Silicon	JIS-G-1253:2002 A-1
359	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Silicon	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1
360	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Sulphur	ASTM E415
361	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Sulphur	IS 8811
362	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Sulphur	JIS-G-1253:2002 A-1
363	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Sulphur	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1
364	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Tin	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
365	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Tin	IS 8811
366	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Tin	JIS-G-1253:2002 A-1
367	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Tin	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1
368	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Titanium	ASTM E415
369	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Titanium	IS 8811
370	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Titanium	JIS-G-1253:2002 A-1
371	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Titanium	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1
372	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Tungsten	ASTM E415
373	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Tungsten	IS 8811
374	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Tungsten	JIS-G-1253:2002 A-1
375	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Tungsten	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1
376	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Vanadium	ASTM E415
377	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Vanadium	IS 8811
378	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Vanadium	JIS-G-1253:2002 A-1
379	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Vanadium	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1
380	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Zirconium	ASTM E415
381	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Zirconium	IS 8811
382	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Zirconium	JIS-G-1253:2002 A-1
383	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Zirconium	ML/VAL/Fe/2013-2014 Dt Apr 2013 by OES, Issue 1

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384	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	ASTM E1086
385	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	IS 9879
386	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	JIS-G-1253:2002 A-1
387	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1
388	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	ML/VAL/ST-Fe-01/013 ICP OES, Issue 1, Dt 08.10
389	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	ASTM E1086
390	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	IS 9879
391	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	JIS-G-1253:2002 A-1
392	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1
393	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon	ASTM E 1476
394	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1019
395	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
396	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 228 Part 1
397	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
398	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon	IS 9879
399	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	JIS-G-1253:2002 A-1
400	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1
401	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chrominum	ASTM E1476
402	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086

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403	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1476
404	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 228 Part 6
405	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
406	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS9879
407	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS-G-1253:2002 A-1
408	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1
409	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	ASTM E1086
410	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	ASTM E1476
411	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	ASTM E1476
412	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	IS 9879
413	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	IS 9879
414	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	JIS-G-1253:2002 A-1
415	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1
416	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	ML/VAL/ST-Fe-01/013 ICP OES, Issue 1, Dt 08.10
417	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
418	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1476
419	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
420	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
421	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JIS-G-1253:2002 A-1

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
422	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1
423	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ML/VAL/ST-Fe-01/013 ICP OES, Issue 1, Dt 08.10
424	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
425	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1476
426	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
427	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
428	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	JIS-G-1253:2002 A-1
429	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1
430	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ML/VAL/ST-Fe-01/013 ICP OES, Issue 1, Dt 08.10
431	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
432	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
433	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS-G-1253:2002 A-1
434	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1
435	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ML/Val/ST-Fe-01/13/ICP OES, Issue 1, Dated 08.10
436	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybednum	IS 9879
437	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molydednum	ASTM E1476
438	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086
439	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1476
440	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 Part 5

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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
441	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
442	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
443	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS-G-1253:2002 A-1
444	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1
445	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	ASTM E1086
446	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	ASTM E1476
447	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	IS 9879
448	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	IS 9879
449	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	JIS-G-1253:2002 A-1
450	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1
451	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	ASTM E1086
452	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 9879
453	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	JIS-G-1253:2002 A-1
454	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1
455	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E1476
456	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 9879
457	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 9879
458	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	JIS-G-1253:2002 A-1
459	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1

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460	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ML/VAL/ST-Fe-01/013 ICP OES, Issue 1, Dt 08.10
461	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphours	ASTM E1086
462	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
463	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1476
464	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 228 Part 8
465	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
466	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
467	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	JIS-G-1253:2002 A-1
468	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1
469	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	ASTM E1476
470	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	IS 9879
471	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E1086
472	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 228 part 20-
473	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
474	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	JIS-G-1253:2002 A-1
475	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1
476	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tantulam	ASTM E108
477	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tantulam	IS 9879
478	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tantulam	JIS-G-1253:2002 A-1

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479	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tantulam	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1
480	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	ASTM E1086
481	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	ASTM E1476
482	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	IS 9879
483	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	IS 9879
484	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	JIS-G-1253:2002 A-1
485	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1
486	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	ML/VAL/ST-Fe-01/13 ICP OES, Issue 1 Dt 08.10
487	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	ASTM E1086
488	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	IS 9879
489	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	JIS-G-1253:2002 A-1
490	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1
491	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	ASTM E1086
492	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	IS 9879
493	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	JIS-G-1253:2002 A-1
494	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1
495	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	ML/VAL/ST-Fe-01/013 ICP OES, Issue 1 Dt 08.10
496	CHEMICAL- METALS & ALLOYS	Stainless Steel	Zirconium	ASTM E1086
497	CHEMICAL- METALS & ALLOYS	Stainless Steel	Zirconium	IS 9879

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
498	CHEMICAL- METALS & ALLOYS	Stainless Steel	Zirconium	JIS-G-1253:2002 A-1
499	CHEMICAL- METALS & ALLOYS	Stainless Steel	Zirconium	ML/VAL/Fe/013-14 Dt Apr 2013 by OES, Issue 1
500	CHEMICAL- METALS & ALLOYS	Steel & Stainless Steel	Hydrogen	ML/Val/ST-H2-2017-18, Issue 1
501	CHEMICAL- METALS & ALLOYS	Steel & Stainless Steel	Nitrogen	ASTM E1019
502	CHEMICAL- METALS & ALLOYS	Steel & Stainless Steel	Oxygen	ASTM E1019
503	CHEMICAL- METALS & ALLOYS	Tin & Tin Alloys	Antimony	ML/NF-Sn-01/19/By ICPOES Issue 1 November 10
504	CHEMICAL- METALS & ALLOYS	Tin & Tin Alloys	Arsenic	ML/NF-Sn-01/19/By ICPOES Issue 1 November 10
505	CHEMICAL- METALS & ALLOYS	Tin & Tin Alloys	Bismuth	ML/NF-Sn-01/19/By ICPOES Issue 1 November 10
506	CHEMICAL- METALS & ALLOYS	Tin & Tin Alloys	Copper	ML/NF-Sn-01/19/By ICPOES Issue 1 November 10
507	CHEMICAL- METALS & ALLOYS	Tin & Tin Alloys	Iron	ML/NF-Sn-01/19/By ICPOES Issue 1 November 10
508	CHEMICAL- METALS & ALLOYS	Tin & Tin Alloys	Lead	ML/NF-Sn-01/19/By ICPOES Issue 1 November 10
509	CHEMICAL- METALS & ALLOYS	Tin & Tin Alloys	Nickel	ML/NF-Sn-01/19/By ICPOES Issue 1 November 10
510	CHEMICAL- METALS & ALLOYS	Tin & Tin Alloys	Tin	ML/NF-Sn-01/19/By ICPOES Issue 1 November 10
511	CHEMICAL- METALS & ALLOYS	Tin & Tin Alloys	Zinc	ML/NF-Sn-01/19/By ICPOES Issue 1 November 10
512	CHEMICAL- METALS & ALLOYS	Titanium & Alloys	Aluminium	ASTM E2371
513	CHEMICAL- METALS & ALLOYS	Titanium & Alloys	Carbon	ML/SPL/Ti-C/19 Issue 1 November 10
514	CHEMICAL- METALS & ALLOYS	Titanium & Alloys	Iron	ASTM E2371
515	CHEMICAL- METALS & ALLOYS	Titanium & Alloys	Vanadium	ASTM E2371
516	CHEMICAL- METALS & ALLOYS	Titanium & Its Alloys	Hydrogen	ASTM E1447

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517	CHEMICAL- METALS & ALLOYS	Titanium & Its Alloys	Nitrogen	ASTM E1409
518	CHEMICAL- METALS & ALLOYS	Titanium & Its Alloys	Oxygen	ASTM E1409
519	CHEMICAL- METALS & ALLOYS	Titanium & its alloys (Metals & Alloys)	Ti,Fe,V,Mo & Al	ASTM E1916 by using Hand held XRF
520	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Aluminium	ASTM E2994
521	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Aluminium	ML/VAL/Ti-2011-2012 by OES Issue 1 October 29
522	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Carbon	ASTM E2994
523	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Carbon	ML/VAL/Ti-2011-2012 by OES Issue 1 October 29
524	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Chromium	ML/VAL/Ti-2011-2012 by OES Issue 1 October 29
525	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Iron	ASTM E2994
526	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Iron	ML/VAL/Ti-2011-2012 by OES Issue 1 October 29
527	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Manganese	ASTM E2994
528	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Manganese	ML/VAL/Ti-2011-2012 by OES Issue 1 October 29
529	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Molybdenum	ASTM E2994
530	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Molybdenum	ML/VAL/Ti-2011-2012 by OES Issue 1 October 29
531	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Tin	ASTM E2994
532	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Tin	ML/VAL/Ti-2011-2012 by OES Issue 1 October 29
533	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Vanadium	ASTM E2994
534	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Vanadium	ML/VAL/Ti-2011-2012 by OES Issue 1 October 29
535	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Zirconium	ASTM E2994

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536	CHEMICAL- METALS & ALLOYS	Tool Steel	Aluminium	JIS-G-1253:2002 A-1
537	CHEMICAL- METALS & ALLOYS	Tool Steel	Aluminium	ML/VAL/HSS/2011-2012, Issue 1
538	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon	JIS-G-1253:2002 A-1
539	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon	ML/VAL/HSS/2011-2012, Issue 1
540	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium	JIS-G-1253:2002 A-1
541	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium	ML/VAL/HSS/2011-2012, Issue 1
542	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt	JIS-G-1253:2002 A-1
543	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt	ML/VAL/HSS/2011-2012, Issue 1
544	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	JIS-G-1253:2002 A-1
545	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	ML/VAL/HSS/2011-2012, Issue 1
546	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	JIS-G-1253:2002 A-1
547	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	ML/VAL/HSS/2011-2012, Issue 1
548	CHEMICAL- METALS & ALLOYS	Tool Steel	Nickel	JIS-G-1253:2002 A-1
549	CHEMICAL- METALS & ALLOYS	Tool Steel	Nickel	ML/VAL/HSS/2011-2012, Issue 1
550	CHEMICAL- METALS & ALLOYS	Tool Steel	Nitrogen	JIS-G-1253:2002 A-1
551	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorus	JIS-G-1253:2002 A-1
552	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphurs	ML/VAL/HSS/2011-2012, Issue 1
553	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon	JIS-G-1253:2002 A-1
554	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon	ML/VAL/HSS/2011-2012, Issue 1

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555	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulphur	JIS-G-1253:2002 A-1
556	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulphur	ML/VAL/HSS/2011-2012, Issue 1
557	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	JIS-G-1253:2002 A-1
558	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	ML/VAL/HSS/2011-2012, Issue 1
559	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	JIS-G-1253:2002 A-1
560	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	ML/VAL/HSS/2011-2012, Issue 1
561	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Aluminium	ISO 3815 Part 1
562	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Aluminium	ML/NF-Zn-01-17/ICPOES Issue 1 October 23
563	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Cadmium	ISO 3815 Part 1
564	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Chromium	ML/NF-Zn-01-17/ICPOES Issue 1 October 23
565	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Copper	ISO 3815 Part 1
566	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Copper	ML/NF-Zn-01-17/ICPOES Issue 1 October 23
567	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Iron	ML/NF-Zn-01-17/ICPOES Issue 1 October 23
568	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Lead	ISO 3815 Part 1
569	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Lead	ML/NF-Zn-01-17/ICPOES Issue 1 October 23
570	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Magnesium	ISO 3815 Part 1
571	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Magnesium	ML/NF-Zn-01-17/ICPOES Issue 1 October 23
572	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Manganese	ISO 3815 Part 1
573	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Manganese	ML/NF-Zn-01-17/ICPOES Issue 1 October 23

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574	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Nickel	ISO 3815 Part 1
575	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Nickel	ML/NF-Zn-01-17/ICPOES Issue 1 October 23
576	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Tin	ISO 3815 Part 1
577	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Tin	ML/NF-Zn-01-17/ICPOES Issue 1 October 23
578	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Titanium	ML/NF-Zn-01-17/ICPOES Issue 1 October 23
579	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Zinc	IS 4611 -1 Annex A
580	CHEMICAL- ORES & MINERALS	Lime Stone	CaO	IS 1760 Part 3
581	CHEMICAL- ORES & MINERALS	Lime Stone	Loss of Ignition	IS 1760 Part 1
582	CHEMICAL- ORES & MINERALS	Lime Stone	MgO	IS 1760 Part 3
583	CHEMICAL- ORES & MINERALS	Lime Stone	Silica	IS 1760 Part 2
584	CHEMICAL- PAINTS & SURFACE COATING	E l Paints (Finishing / Under Coating)	Resistance to Alkali	IS 8662 -Annexure E
585	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Accelerated Storage Stability Test	IS 133 -Annexure E
586	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Accelerated Storage Stability Test	IS 2932 - Annexure G
587	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Accelerated Storage Stability Test	IS 8662 -Annexure F
588	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Colour	IS 101 Part 4 Sec 2
589	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Consistency Flow Cup	IS 101 Part 1 Sec 5
590	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Drying Time	IS 101 Part 3 Sec 1
591	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Fineness of Grind	IS 101 Part 3 Sec 5
592	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Finish	IS 101 Part 3 sec 4

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593	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Flash Point	IS 101 Part 1 Sec 6
594	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Flexibility and Adhesion Bend Test	IS 101 Part 5 Sec 2
595	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Flexibility and Adhesion Scratch Hardness	IS 101 Part 5 Sec 2
596	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Gloss 60°	IS 101 Part 4 Sec 4
597	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Mass in kg/10 litres	IS 101 Part 1 Sec 7:
598	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Measuremnt of Wet Film Thickness by Notch Gages	ASTM D4414-95
599	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Phtalic Anhydride Content	IS 101 Part 8 Sec 4
600	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Pressure Test	IS 101 Part 5 Sec 1
601	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Resistance to Acid	IS 2932 - Annexure E
602	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Resistance to Acid	IS 8662 - Annexure D
603	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Resistance to Alkali	IS 2932- Annexure F
604	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Resistance to Water	IS 133 - Annexure D
605	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Volatile Matter	IS 101 Part 2 Sec 2
606	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Volume Solids	IS 101 Part 8 Sec 6
607	CHEMICAL- PAINTS & SURFACE COATING	Enamel Paints (Finishing / Under Coating)	Wet Opacity	IS 101 Part 4 Sec 1
608	CHEMICAL- PAINTS & SURFACE COATING	Paint and surface coating	Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates	ASTM D2244
609	CHEMICAL- PAINTS & SURFACE COATING	Paint & Organic Coatings	Bend Test of Attached Organic Coatings (Conical Mandrel Test)	ASTM D522

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610	CHEMICAL- PAINTS & SURFACE COATING	Paint & Organic Coatings	Bend Test of Attached Organic Coatings (Cylindrical Mandrel Test)	ASTM D522
611	CHEMICAL- PAINTS & SURFACE COATING	Paint & Organic Coatings	Coating Thicknesses by the Magnetic Method: Nonmagnetic Coatings on Magnetic Basis Metals	IS 3203
612	CHEMICAL- PAINTS & SURFACE COATING	Paint & Organic Coatings	Coating Thicknesses by the Magnetic Method: Nonmagnetic Coatings on Magnetic Basis Metals	ISO 2178
613	CHEMICAL- PAINTS & SURFACE COATING	Paint & Organic Coatings	Dupont Impact Test	ASTM D2794-93
614	CHEMICAL- PAINTS & SURFACE COATING	Paint & Organic Coatings	Film Hardness by Pencil Test Method.	ASTM D3363
615	CHEMICAL- PAINTS & SURFACE COATING	Paint & Organic Coatings	Measuring Adhesion by Tape Test Method "A"	ASTM D3359
616	CHEMICAL- PAINTS & SURFACE COATING	Paint & Organic Coatings	Measuring Adhesion by Tape Test Method "B"	ASTM D3359
617	CHEMICAL- PAINTS & SURFACE COATING	Paint & Organic Coatings	Paints and varnishes - Pull-off test for adhesion	ASTM D4541
618	CHEMICAL- PAINTS & SURFACE COATING	Paint & Organic Coatings	Paints and varnishes - Pull-off test for adhesion	ISO 4624
619	CHEMICAL- PAINTS & SURFACE COATING	Paint & Organic Coatings	Paints and Varnishes-Cross-Cut test	ISO 2409
620	CHEMICAL- PAINTS & SURFACE COATING	Paint & Organic Coatings	Scratch Hardness Test	ASTM G171-03
621	CHEMICAL- PAINTS & SURFACE COATING	Paint & Organic Coatings	Standard Practice for Discontinuity (Holiday) Testing of Nonconductive Protective Coating on Metallic Substrates	ASTM D5162
622	CHEMICAL- PAINTS & SURFACE COATING	Paint & Organic Coatings	Tubular Impact Test	ASTM D2794
623	CHEMICAL- PAINTS & SURFACE COATING	Paint & Organic Coatings	Tubular Impact Test	ISO 6272
624	CHEMICAL- PAINTS & SURFACE COATING	Paint and surface coating	Standard Practice for Testing Water Resistance of Coatings Using Water Fog Apparatus	ASTM D1735

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625	CHEMICAL- PAINTS & SURFACE COATING	Paint and coatings	Standard Practice for Testing Water Resistance of Coatings in 100?% Relative Humidity	ASTM D2247
626	CHEMICAL- PAINTS & SURFACE COATING	Paint and organic coatings	Standard Practice for Testing Water Resistance of Coatings Using Water Fog Apparatus	ASTM D 1735
627	CHEMICAL- PAINTS & SURFACE COATING	Paint and surface coating	Corrosion of metals and alloys — Accelerated cyclic test with exposure to acidified salt spray, dry and wet conditions	ISO 16151
628	CHEMICAL- PAINTS & SURFACE COATING	Paint and surface coating	Laboratory Cyclic Corrosion Test	SAE-J-2334-Apr
629	CHEMICAL- PAINTS & SURFACE COATING	Paint and surface coatings	Corrosion of metals and alloys — Corrosion in artificial atmosphere — Accelerated corrosion test involving exposure under controlled conditions of humidity cycling and intermittent spraying of a salt solution	ISO 16701
630	CHEMICAL- PAINTS & SURFACE COATING	Paint and surface coatings	Standard Practice for Testing Water Resistance of Coatings Using Water Immersion	ASTM D 870-15
631	CHEMICAL- PAINTS & SURFACE COATING	Paint and varnishes	Artificial weathering and exposure to artificial radiation — Exposure to filtered xenon-arc radiation	ISO 11341
632	CHEMICAL- PAINTS & SURFACE COATING	paint and varnishes	Determination of resistance to humidity — Part 2: Condensation (in-cabinet exposure with heated water reservoir)	ISO-6270-2
633	CHEMICAL- PAINTS & SURFACE COATING	paint and varnishes	Exposure of coatings to artificial weathering — Exposure to fluorescent UV lamps and water	ISO 11507
634	CHEMICAL- PAINTS & SURFACE COATING	Paint and varnishes	Methods of exposure to laboratory light sources — Part 3: Fluorescent UV lamps	ISO 16474-3
635	CHEMICAL- PAINTS & SURFACE COATING	paint and varnishes	Standard Practice for Fluorescent UV-Condensation Exposures of Paint and Related Coatings	ASTM D4587-11

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636	CHEMICAL- PAINTS & SURFACE COATING	Paint and Varnishes	Standard Practice for Xenon-Arc Exposures of Paint and Related Coatings	ASTM D6695
637	CHEMICAL- PAINTS & SURFACE COATING	Paint, Organic & ED Coatings	Coating Thicknesses by the Magnetic Method: Nonmagnetic Coatings on Magnetic Basis Metals	ASTM B499-09
638	CHEMICAL- PAINTS & SURFACE COATING	Paints	Lead	ASTM F3078
639	CHEMICAL- PAINTS & SURFACE COATING	paints and coatings	Standard Practice for Testing Water Resistance of Coatings Using Water Immersion	ASTM D870
640	CHEMICAL- PAINTS & SURFACE COATING	Paints and Surface coating	POLYURETHANE FULL GLOSS ENAMEL-G-3 ACCELERATED WEATHERING TEST	IS 13213
641	CHEMICAL- PAINTS & SURFACE COATING	Paints and varnishes	Methods of exposure to laboratory light sources — Part 2: Xenon-arc lamps	ISO-16474-2
642	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Bituminous Brushing, Black Japan, Exterior, Petrol resisting, Stoving	Ash Content	IS 341
643	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Bituminous Brushing, Black Japan, Exterior, Petrol resisting, Stoving	Lead Restriction Test Electrolysis Method	IS 101 Part 8 Sec 5
644	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Bituminous Brushing, Black Japan, Exterior, Petrol resisting, Stoving	Protection Against Corrosion Under Condition of Condensation	IS 101 Part 6 Sec 1
645	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Bituminous Brushing, Black Japan, Exterior, Petrol resisting, Stoving	Residue on Sieve	IS 101 Part 8 Sec 1
646	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Bituminous Brushing, Black Japan, Exterior, Petrol resisting, Stoving	Resistance of Acid & Alkali	IS 158
647	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Bituminous Brushing, Black Japan, Exterior, Petrol resisting, Stoving	Resistance of Acid & Alkali	IS 9862:1981
648	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Bituminous Brushing, Black Japan, Exterior, Petrol resisting, Stoving	Resistance to Chlorine	IS 9862:1981
649	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Bituminous Brushing, Black Japan, Exterior, Petrol resisting, Stoving	Resistance to Heat	IS 158
650	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Bituminous Brushing, Black Japan, Exterior, Petrol resisting, Stoving	Resistance to Petrol & Lubricating Oil	IS 142:1980
651	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints (Zinc Chrome Primer)	Accelerated Storage Stability Test	IS 2074 -Annexure E

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652	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints (Zinc Chrome Primer)	Chromic Anhydride	IS 2074 - Annexure B
653	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints (Zinc Chrome Primer)	Pigment Content	IS 101 Part 8 Sec 2
654	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints (Zinc Chrome Primer)	Protection Against Corrosion Under Condition of Condensation	IS 101 Part 6 Sec 1
655	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints (Zinc Chrome Primer)	Resistance of Neutral salt Spray	IS 101 Part 6 Sec 1
656	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints (Zinc Chrome Primer)	Resistance to Artificial Sea Water	IS 2074- Annexure C
657	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints (Zinc Chrome Primer)	Zinc Oxide	IS 2074 -Annexure B
658	CHEMICAL- PAINTS & SURFACE COATING	Varnish	Acid Value	IS 101 Part 9 Sec 1
659	CHEMICAL- PAINTS & SURFACE COATING	Varnish	Resistance of Water	IS 101 Part 7 Sec 1
660	CHEMICAL- PLASTIC & RESINS	Plastic and Plastic Products	Determination of Ash	IS 13360-Part 8-Sec 8
661	CHEMICAL- PLASTIC & RESINS	Plastic and Plastic Products	Plastics — Determination of ash — Part 1: General methods	ISO 3451-1
662	CHEMICAL- PLASTIC & RESINS	Plastics and Polymers	Identification of plastic by FTIR Method	ASTM E1252-98
663	CHEMICAL- PLASTIC & RESINS	Polymers	Bromine	ASTM F2617
664	CHEMICAL- PLASTIC & RESINS	Polymers	Bromine	IEC 62321 Part 3-1
665	CHEMICAL- PLASTIC & RESINS	Polymers	Cadmium	ASTM F2617
666	CHEMICAL- PLASTIC & RESINS	Polymers	Cadmium	IEC 62321 Part 3-1
667	CHEMICAL- PLASTIC & RESINS	Polymers	Chromium	ASTM F2617
668	CHEMICAL- PLASTIC & RESINS	Polymers	Chromium	IEC 62321 Part 3-1
669	CHEMICAL- PLASTIC & RESINS	Polymers	Lead	ASTM F2617

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670	CHEMICAL- PLASTIC & RESINS	Polymers	Lead	IEC 62321 Part 3-1
671	CHEMICAL- PLASTIC & RESINS	Polymers	Mercury	ASTM F2617
672	CHEMICAL- RESIDUES IN WATER	Drinking Water	Aluminium as Al	IS 3025 Part 2
673	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper as Cu	IS 3025 Part 2
674	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron as Fe	IS 3025 Part 2
675	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead as Pb	IS 3025 Part 2
676	CHEMICAL- RESIDUES IN WATER	Drinking Water	Manganese as Mn	IS 3025 Part 2
677	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc as Zn	IS 3025 Part 2
678	CHEMICAL- RUBBER & RUBBER PRODUCTS	vulcanized rubbers	Polymer Identification	IS 3400 Part 22
679	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber and Rubber Products	Polymer Identification by FTIR Method	ASTM E1252
680	CHEMICAL- RUBBER & RUBBER PRODUCTS	vulcanized rubbers	Ash Content	IS 3400 Part 22
681	CHEMICAL- WATER	Construction Water	Chloride as Cl	IS 3025 Part 32
682	CHEMICAL- WATER	Construction Water	Inorganic Solids	IS 3025 Part 18
683	CHEMICAL- WATER	Construction Water	Organic Solids	IS 3025 Part 18
684	CHEMICAL- WATER	Construction Water	pH at 25°C	IS 3025 Part 11
685	CHEMICAL- WATER	Construction Water	Sulphate as SO4	IS 3025 Part 24
686	CHEMICAL- WATER	Construction Water	To neutralize 100 ml of water sample using Methyl orange indicator as indicator using 0.02 N H2SO4	IS 3025 Part 23
687	CHEMICAL- WATER	Construction Water	To neutralize 100 ml of water sample using Phenolphthalein as indicator using 0.02 N NaOH	IS 3025 (Part 22):1986, RA
688	CHEMICAL- WATER	Construction Water	Total Suspended Solids	IS 3025 Part 17
689	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 Part 40
690	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 Part 32

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691	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 Part 46
692	CHEMICAL- WATER	Drinking Water	pH at 25°C	IS 3025 Part 11
693	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 Part 24
694	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCo3	IS 3025 Part 23
695	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids at 180°C	IS 3025 Part 16
696	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCo3	IS 3025 Part 21
697	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 Part 1
698	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 Part 2
699	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/SRPC/PSC)	Compressive Strength	IS 4031 Part 6
700	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/SRPC/PSC)	Final Setting Time	IS 4031 Part 5
701	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/SRPC/PSC)	Fineness (Dry Sieving)	IS 4031 Part1
702	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/SRPC/PSC)	Initial Setting Time	IS 4031 Part 5
703	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/SRPC/PSC)	Normal Consistency	IS 4031 Part 4
704	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/SRPC/PSC)	Soundness (Le-Chatelier Method)	IS 4031 Part 3
705	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density-Loose & Rodded	IS 2386 Part 3
706	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 Part 1
707	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 Part 1
708	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 Part 1
709	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 Part 3
710	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate Crushing Value	IS 2386 Part 4
711	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 Part 3

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712	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density-Loose & Rodded	IS 2386 Part 3
713	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Materials Finer than 75 Microns	IS 2386 Part 1
714	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 Part 1
715	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 Part 3
716	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water absorption	IS:2386 Part 3
717	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516 Part 1 Sec 1
718	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous &Non Ferrous Materials	Bend Test	ASTM E290
719	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel, Low Alloy Steel /Stainless steel Pipe & Tubular products	Flattening Test	ASTM A370
720	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel, Low Alloy Steel /Stainless steel Pipe & Tubular products	Flattening Test	ASTM A530/A530M
721	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel, Low Alloy Steel /Stainless steel Pipe & Tubular products	Flattening Test	IS 2328
722	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Welded Samples	Face Bend, Root Bend & Side Bend	AWS D 1.2
723	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Welded Samples	Tensile test	AWS D1.2
724	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum & Magnesium Alloy sample	Tensile Test - % Reduction Area	ASTM B557
725	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum & Magnesium Alloys Sample	Tensile Test - Yield Strengh(0.2%,0.5% & 1.0% Proof strength)	ASTM B557
726	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum & Magnesium Alloys sample	Tensile Test- % Elongation	ASTM B557

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727	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum & Magnesium Alloys samples	Tensile test	ASTM B557
728	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper -Alloy Pipe & Tubular products	Flaring Test	IS 2330
729	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper -Alloy Pipe & Tubular products	Flattening Test	ASTM A370
730	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper -Alloy Pipe & Tubular products	Flattening Test	IS 2328
731	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Enamel Paints (Finishing / Under Coating)	Conductimetric Analysis of Water Soluble Ionic Contamination of Blasting Abrasives	ASTM D4940
732	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Alloys Weld Joints	Fracture Test	AWS D1.1
733	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Alloys Weld Joints	Fracture Test	AWS D1.6
734	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Alloys Weld Joints	Tensile Test	IS 7307 Part 1
735	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Alloys Weld Joints	Bend Test (Face Band / Root Bend / Side Bend)	AWS D1.1
736	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Alloys Weld Joints	Bend Test (Face Band / Root Bend / Side Bend)	AWS D1.6
737	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Alloys Weld Joints	Bend Test (Face Band / Root Bend / Side Bend)	IS 7307 part 1
738	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Alloys Weld Joints	Fracture Test	IS 7307 Part 1
739	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Alloys Weld Joints	Tensile Test	AWS D1.1

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740	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Alloys Weld Joints	Tensile Test	AWS D1.6
741	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Material	Tensile Test - Tensile Strength	JIS Z2201
742	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Fracture Toughness Test	ASTM E1820
743	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Fracture Toughness Test	ASTM E399
744	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Tensile Strength - % of Reduction Area	JIS Z2201
745	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Tensile Test - % of Elongation	JIS Z2201
746	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Tensile test- Yield strength(0.2%,0.5% & 1.0% Proof Strength)	JIS Z2201
747	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous OverLay welding	Side bend test	EN ISO 15614 part 7
748	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Bend Test (Face Band / Root Bend / Side Bend)	API 1104
749	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Bend Test (Face Band / Root Bend / Side Bend)	ASME Section IX
750	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Bend Test (Face Band / Root Bend / Side Bend)	EN 13458 Part 2
751	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Bend Test (Face Band / Root Bend / Side Bend)	EN ISO 15614 Part 1
752	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Bend Test (Face Band / Root Bend / Side Bend)	IS 2825
753	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Bend Test (Face Band / Root Bend / Side Bend)	ISO 5173

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754	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	ASME Section IX
755	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	ASTM E23
756	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	EN ISO 15614 Part 1
757	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	IS 1499
758	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	IS 1757 Part 1
759	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	ISO 148 Part 1
760	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	ISO 9016
761	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Face Bend, Root Bend & Side Bend	GOST 6996
762	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Fracture Test	ASME Section IX
763	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Fracture Test	ISO 9017
764	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Nick Break Test	API 1104
765	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Nick Break Test	IS 2825
766	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Pull Out / Push Out Test	ASME Section IX
767	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Pull Out / Push Out Test	ASME Section VIII Division 1

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768	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Tensile Test	API 1104
769	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Tensile Test	ASME Section IX
770	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Tensile Test	EN 13458 Part 2
771	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Tensile Test	EN ISO 15614 Part 1
772	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Tensile Test	EN ISO 4136
773	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Tensile Test	IS 2825
774	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Welded sample	Bend test	ASTM E190
775	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Welded sample	Tensile test	AWS B4.0
776	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Welded sample	Tensile test	Gost 6996
777	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Welded sample	Tensile test- Yield strength(0.2%,0.5% & 1.0% Proof Srength)	AWS B4.0
778	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous welded samples	Tensile Test- % of Elongation	AWS B4.0
779	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous samples	Bend test	JIS Z2204
780	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material & Products	Charpy Impact test (Ambient to minus 196 degree celsius)	Gost 9454
781	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material & Products	Elevated Tensile Test- Yield Strength(0.2%,0.5% & 1.0% Proof strength)	ISO 6892- Part 2

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782	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material & Products	Tensile Test- Through Thickness test	ASTM A770
783	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material & Products	Tensile Test-Through Thickness Test	EN 10164
784	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material Sheets & Products	Erichsen cupping Test	IS 10175
785	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Axial & Wedge Tensile Test	ASTM F606/F606M
786	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Axial & Wedge Tensile Test	EN ISO 898 Part 1
787	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Axial & Wedge Tensile Test	IS 1367 Part 3
788	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Bend Test	ASTM A370
789	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Bend Test	IS 1599
790	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Bend Test	ISO 7438
791	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Bend Test - Rebend Test	IS 1786
792	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials & Alloys	Charpy Impact test (Ambient to minus 196 degress celsius)	ISO 17781-2017, ASTM E23-2018, A370
793	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	ASTM A370
794	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Charpy Impact test (Ambient to minus 196 degree celsius)	ASTM A923 Method B, ASTM E23-2018, A370
795	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	ASTM E23

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796	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	IS 1499
797	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	IS 1757 Part 1
798	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	ISO 148 Part 1
799	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Crush Test	ASTM A370
800	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Drift Expanding Test	IS 2335
801	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elevated Tensile Test- Yield Strength(0.2%,0.5%&1.0% Proof strength)	E21
802	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elevated Temperature Tensile Test - % of Elongation	ASTM E21
803	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elevated Tensile Test - % of Elongation	ISO 6892 Part 2
804	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elevated Tensile Test - % Reduction in Area	ASTM E21
805	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elevated Tensile Test - % Reduction in Area	ISO 6892 Part 2
806	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elevated Tensile Test - Tensile Strength	ASTM E21
807	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elevated Tensile Test - Tensile Strength	ISO 6892 Part 2
808	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Brinell Hardness (HBW)	ASTM E10
809	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Brinell Hardness (HBW)	IS 1500 Part 1

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810	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Brinell Hardness (HBW)	ISO 6506 Part 1
811	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Micro Vickers Hardness (HV)	ASTM E384
812	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Micro Vickers Hardness (HV)	ASTM E92
813	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Micro Vickers Hardness (HV)	IS 1501 Part 1
814	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Micro Vickers Hardness (HV)	ISO 6507 Part 1
815	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Micro Vickers Hardness (HV)	ISO 9015 Part 1
816	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRA)	ASTM A370
817	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRA)	ASTM E18
818	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRA)	IS 1586 Part 1
819	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRA)	ISO 6508 Part 1
820	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRB)	ASTM A370
821	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRB)	ASTM E18
822	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRB)	IS 1586 Part 1
823	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRB)	ISO 6508 Part 1

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824	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRC)	ASTM A370
825	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRC)	ASTM E18
826	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRC)	IS 1586 Part 1
827	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRC)	ISO 6508 Part 1
828	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 15N)	ASTM E18
829	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 15N)	IS 1586 Part 1
830	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 15N)	ISO 6508 Part 1
831	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 15T)	ASTM E18
832	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 15T)	IS 1586 Part 1
833	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 15T)	ISO 6508 Part 1
834	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 30N)	ASTM E18
835	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 30N)	IS 1586 Part 1
836	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 30N)	ISO 6508 Part 1
837	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 30T)	ASTM E18

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838	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 30T)	IS 1586 Part 1
839	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 30T)	ISO 6508 Part 1
840	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 45T)	ASTM E18
841	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 45T)	IS 1586 Part 1
842	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 45T)	ISO 6508 Part 1
843	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR45N)	ASTM E18
844	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR45N)	IS 1586 Part 1
845	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR45N)	ISO 6508 Part 1
846	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Vickers Hardness (HV)	ASTM E384
847	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Vickers Hardness (HV)	ASTM E92
848	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Vickers Hardness (HV)	IS 1501 Part 1
849	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Hardness Test - Vickers Hardness (HV)	ISO 6507 Part 1
850	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Izod Impact Test (RT)	IS 1598:1977, RA
851	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Pull Out/Push Out Test	ASME Section VIII Division 1

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852	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - % Elongation after fracture	ASTM E8/E8M
853	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - % Elongation after fracture	ASTM A370
854	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - % Elongation after fracture	IS 1608 (Part 1)
855	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - % Elongation after fracture	ISO 6892-1
856	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - % Reduction in Area	ASTM E8/E8M
857	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - % Reduction in Area	IS 1608 (Part 1)
858	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - % Reduction of Area	ASTM A370
859	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - % Reduction of Area	ISO 6892-1
860	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - Tensile Strength	ASTM A370
861	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - Tensile Strength	ASTM E8/E8M
862	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - Tensile Strength	IS 1608 (Part 1)
863	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - Tensile Strength	ISO 6892-1
864	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - Yield Strength(0.2%, 0.5% & 1% Proof Strength)	ASTM A370
865	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - Yield Strength(0.2%, 0.5% & 1% Proof Strength)	ASTM E8/E8M

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866	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - Yield Strength(0.2%, 0.5% & 1% Proof Strength)	IS 1608 (Part 1)
867	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - Yield Strength(0.2%, 0.5% & 1% Proof Strength)	ISO 6892 Part 1
868	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys Fasteners (External & Internal Threaded)	Embrittlement Test	ASTM F606/F606M
869	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys Fasteners (External & Internal Threaded)	Proof Load for Bolts, Screws & Studs	ASTM F606/F606M
870	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys Fasteners (External & Internal Threaded)	Proof Load for Bolts, Screws & Studs	IS 1367 Part 3
871	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys Fasteners (External & Internal Threaded)	Proof Load for Bolts, Screws & Studs	ISO 898 Part 1
872	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys Fasteners (External & Internal Threaded)	Proof Load for Nuts	ASTM F606/F606M
873	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys Fasteners (External & Internal Threaded)	Proof Load for Nuts	IS 1367 Part 6
874	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys Fasteners (External & Internal Threaded)	Proof Load for Nuts	ISO 898 Part 2
875	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials alloy & product	Hardness	ASTM A956
876	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloy & Product	portable Hardness test	ASTM A 1038
877	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Erichsen Cupping Test	ISO 20482
878	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & Products	Hardness	ASTM A956
879	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & Products	Hardness	ASTM A956

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880	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & Products	portable hardness test	ASTM A956
881	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & Products	portable hardness test	ASTM A956
882	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & Products	portable hardness test	ASTM A956
883	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & Products	portable Hardness test	ASTM A956
884	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & Products	portable Hardness test	ASTM A956
885	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Surface Roughness	ASTM D4417
886	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Surface Roughness	ASTM D7127
887	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Surface Roughness	IS 3073-1967 RA
888	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous weld joints	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	ASTM A370
889	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrus & Non Ferrous welded Sample	Tensile Test- % Reduction Area	AWS B4.0
890	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Bend Test	IS 1599
891	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Bend Test	ISO 7438
892	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	ASTM E23
893	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	IS 1499:1977, RA

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894	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	IS 1757 Part 1
895	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	ISO 148 Part 1
896	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Drift Expanding Test	IS 2335:2005, RA
897	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Elevated Tensile Test - % of Elongation	ASTM E21
898	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Elevated Tensile Test - % of Elongation	ISO 6892 Part 2
899	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Elevated Tensile Test - % Reduction in Area	ASTM E21
900	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Elevated Tensile Test - % Reduction in Area	ISO 6892 Part 2
901	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Elevated Tensile Test - Tensile Strength	ASTM E21
902	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Elevated Tensile Test - Tensile Strength	ISO 6892 Part 2
903	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Brinell Hardness (HBW)	ASTM E10
904	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Brinell Hardness (HBW)	IS 1500 Part 1
905	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Brinell Hardness (HBW)	ISO 6506 Part 1
906	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Micro Vickers Hardness (HV)	ASTM E384
907	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Micro Vickers Hardness (HV)	ASTM E92

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908	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Micro Vickers Hardness (HV)	IS 1501 Part 1
909	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Micro Vickers Hardness (HV)	ISO 6507 Part 1
910	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRA)	ASTM E18
911	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRA)	IS 1586 Part 1
912	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRA)	ISO 6508 Part 1
913	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRB)	ASTM E18
914	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRB)	IS 1586 Part 1
915	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRB)	ISO 6508 Part 1
916	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRC)	ASTM E18
917	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRC)	IS 1586 Part 1
918	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Rockwell Hardness (HRC)	ISO 6508 Part 1
919	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 15N)	ASTM E18
920	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 15N)	IS 1586 Part 1
921	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 15N)	ISO 6508 Part 1

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
922	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 15T)	ASTM E18
923	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 15T)	IS 1586 Part 1
924	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 15T)	ISO 6508 Part 1
925	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 30N)	ASTM E18
926	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 30N)	IS 1586 Part 1
927	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 30N)	ISO 6508 Part 1
928	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 30T)	ASTM E18
929	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 30T)	IS 1586 Part 1
930	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 30T)	ISO 6508 Part 1
931	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 45N)	ASTM E18
932	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 45N)	IS 1586 Part 1
933	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 45N)	ISO 6508 Part 1
934	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 45T)	ASTM E18
935	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 45T)	IS 1586 Part 1

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936	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Superficial Rockwell Hardness (HR 45T)	ISO 6508 Part 1
937	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Vickers Hardness	ASTM E92
938	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Vickers Hardness (HV)	ASTM E384
939	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Vickers Hardness (HV)	IS 1501 Part 1
940	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Hardness Test - Vickers Hardness (HV)	ISO 6507 Part 1
941	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Izod Impact Test (RT)	IS 1598
942	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Pull Out / Push Out Test	ASME Section IX
943	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Pull Out / Push Out Test	ASME Section VIII Division 1
944	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Tensile Test - % Elongation after fracture	ASTM E8/E8M
945	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Tensile Test - % of Elongation	IS 1608 Part 1
946	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Tensile Test - % of Elongation	ISO 6892 Part 1
947	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Tensile Test - % Reduction in Area	ASTM E8/E8M
948	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Tensile Test - % Reduction in Area	IS 1608 (Part 1)
949	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Tensile Test - % Reduction in Area	ISO 6892 Part 1

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950	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Tensile Test - Tensile Strength	ASTM E8/E8M
951	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Tensile Test - Tensile Strength	IS 1608 (Part 1)
952	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Tensile Test - Tensile Strength	ISO 6892 Part 1
953	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Tensile Test - Yield Strength (offset = 0.2%, 0.5% & 1%)	ASTM E8/E8M
954	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Tensile Test - Yield Strength(0.2%, 0.5% & 1% Proof Strength)	IS 1608 (Part 1)
955	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Tensile Test - Yield Strength(0.2%, 0.5% & 1% Proof Strength)	ISO 6892 Part 1
956	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials, alloys & products	Erichsen Cupping Test	ISO 20482
957	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials, alloys & products	Surface Roughness	ASTM D4417
958	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials, alloys & products	Surface Roughness	ASTM D7127
959	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials, alloys & products	Surface Roughness	IS 3073
960	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Materials & Alloys	Elevated Tensile Test- Yield Strength(0.2%,0.5% & 1.0% Proof strength)	ISO 6892- Part 2
961	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Materials & Alloys	Elevated Tensile Test- Yield Strength(0.2%,0.5% & 1.0% Proof strength)	ASTM E21
962	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non Ferrous metals alloys & Products	Hardness	ASTM A1038
963	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Low Alloy Steel/Stainless steel Pipe & Tubular products	Flaring Test	ASTM A370

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964	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Low Alloy Steel/Stainless steel Pipe & Tubular products	Flaring Test	ASTM A450/A450M
965	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Low Alloy Steel/Stainless steel Pipe & Tubular products	Flaring Test	IS 2330
966	MECHANICAL-METALLOGRAPHY TEST	Aluminium and Alloys	Micro Structural Characterization	IS 7739 Part 3 ASM Metals Hand Book Volume 9
967	MECHANICAL-METALLOGRAPHY TEST	Anodic Coating on Aluminium and its alloys	Coating thickness	IS 5523
968	MECHANICAL-METALLOGRAPHY TEST	Austenitic & Duplex Stainless Steel	Ferritscope	ASTM A800
969	MECHANICAL-METALLOGRAPHY TEST	Austenitic & Duplex Stainless steel	Ferritscope	ASTM A800
970	MECHANICAL-METALLOGRAPHY TEST	Brazed Joints	Macro Examination	BS EN 12797:
971	MECHANICAL-METALLOGRAPHY TEST	Brazed Joints	Micro Examination	BS EN 12797:
972	MECHANICAL-METALLOGRAPHY TEST	Carbon & Carbon Alloy Steels	Jominy End Quench Test	ASTM A255
973	MECHANICAL-METALLOGRAPHY TEST	Carbon & Carbon Alloy Steels	Jominy End Quench Test	IS 3848
974	MECHANICAL-METALLOGRAPHY TEST	Carbon & Carbon Alloy Steels	Jominy End Quench Test	ISO 642
975	MECHANICAL-METALLOGRAPHY TEST	Case Hardened Steels	Case Depth by Hardness Traverse Method	IS 13691
976	MECHANICAL-METALLOGRAPHY TEST	Case Hardened Steels	Case Depth by Hardness Traverse Method	IS 6416
977	MECHANICAL-METALLOGRAPHY TEST	Case Hardened Steels & Nitrided Steel	Case Depth by Hardness Microscopic Method	IS 6416
978	MECHANICAL-METALLOGRAPHY TEST	Case Hardened Steels & Nitrided Steels	Case Depth by Hardness Traverse Method	ISO 18203
979	MECHANICAL-METALLOGRAPHY TEST	Case Hardened Steels & Nitrided Steels	Case Depth by Microscopic Method	IS 13691
980	MECHANICAL-METALLOGRAPHY TEST	Case Hardened Steels & Nitrided Steels	Case Depth by Microscopic Method	ISO 18203
981	MECHANICAL-METALLOGRAPHY TEST	Duplex Austenitic/Ferritic Stainless Steel	Micro Structural Characterization	ASTM A923

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982	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Determination of Volume fraction of Phase	ASTM E562
983	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Determination of volume fraction of phase	ISO 17781-2017, ASTM E3 -11, ASTM E562-2019 E1245
984	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Micro structural characterization	ISO 17781-2017, ASTM E3
985	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials & Alloys	Coating Thickness	ASTM B568
986	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials & Alloys	Coating Thickness	ASTM B568
987	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials & Alloys	Coating Thickness	BS EN ISO 3497
988	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials & Alloys	Coating Thickness	BS EN ISO 3497
989	MECHANICAL-METALLOGRAPHY TEST	Gray Cast Iron and S G Iron Products	Micro Examination	ASM Metals Hand Book Volume 9
990	MECHANICAL-METALLOGRAPHY TEST	Gray Cast Iron and S G Iron Products	Micro Examination Graphite Flakes / Nodules Type, Size, Distribution Characteristics and Matrix Analysis	IS 7754
991	MECHANICAL-METALLOGRAPHY TEST	Gray Cast Iron and S G Iron Products	Micro Examination Graphite Flakes / Nodulestype and Size, DistributionCharacteristics and Matrix Analysis	ASTM A247
992	MECHANICAL-METALLOGRAPHY TEST	Gray Cast Iron and S G Iron Products	Micro Examination Graphite Flakes / Nodulestype and Size, DistributionCharacteristics and Matrix Analysis	ISO 945 - 1
993	MECHANICAL-METALLOGRAPHY TEST	Metallic and Oxide Coating on Metals	Measurement of Metal and Oxide Coating Thickness by Microscopic Method	ASTM B487
994	MECHANICAL-METALLOGRAPHY TEST	Metallic and Oxide Coating on Metals	Measurement of Metal and Oxide Coating Thickness by Microscopic Method	ISO 1463
995	MECHANICAL-METALLOGRAPHY TEST	Metallic and Oxide Coating on Metals	Measurement of Thickness of Electro Plated Coatings by Microscopic Method	IS 3203
996	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Micro Structural Characterization	ASM Metals Hand Book Volume 9

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997	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Micro Structural Characterization	ASM Metals Hand Book Volume 9 : 2004, ASTM E3
998	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Micro Structural Characterization	ASTM E407-07, ASM Metals Hand Book Volume 9
999	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Billets, Blooms, Hotrolled Products, Forgings, Extrusion, Sheets, Plates, Weldments, Casting Machined and Ground Parts	Macro Examination / Visual Examination	ASM Metal Hand Book Volume 9
1000	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Billets, Blooms, Hotrolled Products, Forgings, Extrusion, Sheets, Plates, Weldments, Casting Machined and Ground Parts	Macro Examination / Visual Examination	ASM Metal Hand Book Volume 9 : 2004, ASTM E340
1001	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Weldments	Macro Examination / Visual Examination	ASME Section IX
1002	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Weldments	Macro Examination / Visual Examination	EN ISO 17639
1003	MECHANICAL-METALLOGRAPHY TEST	Steel	Decarburization Depth	ASTM E1077
1004	MECHANICAL-METALLOGRAPHY TEST	Steel	Decarburization Depth	IS 6396
1005	MECHANICAL-METALLOGRAPHY TEST	Steel & Stainless Steel	Inclusion Rating	BS EN 10247:
1006	MECHANICAL-METALLOGRAPHY TEST	Steel & Stainless Steels	Grain Size Measurements by Comparison Method	ASTM E112
1007	MECHANICAL-METALLOGRAPHY TEST	Steel & Stainless Steels	Grain Size Measurements by Comparison Method	EN ISO 643
1008	MECHANICAL-METALLOGRAPHY TEST	Steel & Stainless Steels	Grain Size Measurements by Comparison Method	IS 4748
1009	MECHANICAL-METALLOGRAPHY TEST	Steel & Stainless Steels	Inclusion Rating	ASTM E45
1010	MECHANICAL-METALLOGRAPHY TEST	Steel & Stainless Steels	Inclusion Rating	IS 4163
1011	MECHANICAL-METALLOGRAPHY TEST	Steel Billets, Blooms, Hot rolled Products, Forgings, Extrusion, Sheets, Plates, Weldments, Casting, Machined and Ground Parts	Macro Examination / Visual Examination	ASM Metal Hand Book Volume 9 : 2004, ASTM E340
1012	MECHANICAL-METALLOGRAPHY TEST	Steel Billets, Blooms, Hotrolled Products, Forgings, Extrusion, Sheets, Plates, Weldments, Casting, Machined and Ground Parts	Macro Examination / Visual Examination	ASM Metal Hand Book Volume 9
1013	MECHANICAL-METALLOGRAPHY TEST	Steel Billets, Blooms, Hotrolled Products, Forgings, Extrusion, Sheets, Plates, Weldments, Casting, Machined and Ground Parts	Macro Examination / Visual Examination	ASME Section IX

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1014	MECHANICAL-METALLOGRAPHY TEST	Steel Billets, Blooms, Hotrolled Products, Forgings, Extrusion, Sheets, Plates, Weldments, Casting, Machined and Ground Parts	Macro Examination / Visual Examination	ASTM E381
1015	MECHANICAL-METALLOGRAPHY TEST	Steel Billets, Blooms, Hotrolled Products, Forgings, Extrusion, Sheets, Plates, Weldments, Casting, Machined and Ground Parts	Macro Examination / Visual Examination	EN ISO 17639
1016	MECHANICAL-METALLOGRAPHY TEST	Steel Billets, Blooms, Hotrolled Products, Forgings, Extrusion, Sheets, Plates, Weldments, Casting, Machined and Ground Parts	Macro Examination / Visual Examination	IS 11371
1017	MECHANICAL-METALLOGRAPHY TEST	Steel Billets, Blooms, Hotrolled Products, Forgings, Extrusion, Sheets, Plates, Weldments, Casting, Machined and Ground Parts	Macro Examination / Visual Examination	IS 7307 Part 1
1018	MECHANICAL-METALLOGRAPHY TEST	Steel Billets,Blooms,Hotrolled Products,Forgings,Extrusion,Sheets,Plates,Weldments,Castings Machined and Ground Parts	Macro Examination/Visual Examination	IS 13015
1019	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Ash content in Rubber by Thermogravimetry (TGA)	ASTM D 6370-99
1020	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Plastics — Differential scanning calorimetry (DSC) — Part 4: Determination of specific heat capacity	ISO 11357-4
1021	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Resistance to wear by abrasive wheels	ISO 9352
1022	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Plastic Products	Standard Practices for Evaluating the Resistance of Plastics to Chemical Reagents	ASTM D543
1023	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plactic Products	Standard Test Method for Impact Resistance of Flat, Rigid Plastic Specimen by Means of a Striker Impacted by a Falling Weight (Gardner Impact)	ASTM D5420
1024	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Charpy Impact Strength	IS 13360-Part-5-Sec--5
1025	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Charpy Impact strength	ISO 179-2
1026	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Compressive Strength	is 13360-Part-5-Sec-8
1027	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Compressive strength	ISO 604
1028	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Crystallization	ISO 11357-3

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1029	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Density and Relative Density of Non-Cellular Plastics	IS 13360-Part-3-Sec-1
1030	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Determination of Carbon Block in Rubber by Thermogravimetry (TGA)	ASTM D 6370-99
1031	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Determination of Organic content in Rubber by Thermogravimetry (TGA)	ASTM D 6370-99
1032	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	plastic and Plastic Products	Determination of temperature of deflection under load	IS 13360-Part-6-Sec-3
1033	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Differential scanning calorimetry (DSC) — Part 2: Determination of glass transition temperature and step height	ISO 11357-2
1034	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Elongation	IS 13360-Part-5-Sec-1
1035	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Elongation	ISO 527-1
1036	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Enthalpy of fusion	ISO 11357-3
1037	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic products	Flexural Modulus	ASTM D 790
1038	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Flexural Modulus	IS 13360-Part-5-Sec-7
1039	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Flexural modulus	ISO 178
1040	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic products	Flexural strenght	ASTM D 790
1041	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Flexural strength	ISO 178
1042	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Indentation Hardness of Plastics by Means of Durometer (Shore Hardness)	IS 13360-Part-5-Sec-11
1043	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Melting point	ISO 11357-3
1044	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Plastics — Determination of crystallization	ISO 11357-3

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1045	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic products	Plastics — Determination of hardness — Part 2: Rockwell hardness	ISO 2039-2
1046	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Plastics — Determination of Izod impact strength	ISO 180
1047	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Plastics — Determination of water absorption	ISO 62
1048	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Plastics — Methods for determining the density of non-cellular plastics — Part 1: Immersion method, liquid pycnometer method and titration method	ISO 1183-1
1049	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Plastics — Methods of exposure to laboratory light sources — Part 2: Xenon-arc lamps	ISO 4892-2
1050	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Plastics — Methods of exposure to laboratory light sources — Part 3: Fluorescent UV lamps	ISO 4892-3
1051	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Plastics - Thermogravimetry (TG) of polymers - Part 1	ISO 11358-1
1052	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Plastics — Thermoplastic materials — Determination of Vicat softening temperature (VST)	ISO 306
1053	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Plastics and ebonite — Determination of indentation hardness by means of a durometer (Shore hardness)	ISO 868
1054	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Resistance to Wear by Abrasive Wheels	IS 13360-Part-5-Sec-22
1055	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and plastic products	Road vehicles, and tractors and machinery for agriculture and forestry — Determination of burning behaviour of interior materials	ISO 3795
1056	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Rockwell Hardness	IS 13360-Part-5-Sec-13

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1057	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Standard Practice for Fluorescent Ultraviolet (UV) Lamp Apparatus Exposure of Plastics	ASTM D4329
1058	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials	ASTM G154
1059	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials	ASTM G155
1060	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Standard Practice for Xenon-Arc Exposure of Plastics Intended for Indoor Applications	ASTM D4459
1061	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Standard Practice for Xenon-Arc Exposure of Plastics Intended for Outdoor Applications	ASTM D 2565
1062	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Standard Test Method for Assignment of the Glass Transition Temperatures by Differential Scanning Calorimetry	ASTM E 1356-08
1063	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Standard Test Method for Compositional Analysis by Thermogravimetry	ASTM E 1131
1064	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Standard Test Method for Determination of Moisture in Plastics by Loss in Weight	ASTM D6980
1065	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Standard Test Method for Determining Specific Heat Capacity by Differential Scanning Calorimetry	ASTM E1269-11
1066	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Standard Test Method for Horizontal Burning Rate of Polymeric Materials Used in Occupant Compartments of Motor Vehicles	ASTM D5132

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1067	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Standard Test Method for Measurement of Thermal Effusivity of Fabrics Using a Modified Transient Plane Source (MTPS) Instrument	ASTM D 7984
1068	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Standard Test Method for Melting And Crystallization Temperatures By Thermal Analysis	ASTM D794-06
1069	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Standard Test Method for Rockwell Hardness of Plastics and Electrical Insulating Materials	ASTM D 785-08
1070	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus	ASTM C 518
1071	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Standard Test Method for Thermal Conductivity of Plastics by Means of a Transient Line-Source Technique	ASTM D 5930
1072	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Standard Test Method for Transition Temperatures and Enthalpies of Fusion and Crystallization of Polymers by Differential Scanning Calorimetry	ASTM D 3418
1073	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Standard Test Method for Unnotched Cantilever Beam Impact Resistance of Plastics	ASTM D4812
1074	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Standard Test Method for Vicat Softening Temperature of Plastics	ASTM D1525
1075	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Tensile Strength	IS 13360-Part-5-Sec-1
1076	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Tensile strength	ISO 527-1
1077	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Thermal conductivity	ISO 22007-2
1078	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Thermal diffusivity	ISO 22007-1

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1079	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Thermal diffusivity	ISO 22007-2
1080	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Plastic Products	Thermal insulation — Determination of steady-state thermal resistance and related properties — Heat flow meter apparatus	ISO 8301
1081	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and tPlastic Priducts	Charpy Impact Resistance of Notched Specimens of Plastics	ASTM D6110
1082	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic anPlastic Products	Standard Test Method for Specular Gloss of Plastic Films and Solid Plastics	ASTM D 2457
1083	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials & Products	Ash content	ASTM D5630
1084	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials & Products	Density	ASTM D792
1085	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials & Products	Elongation	ASTM D638
1086	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials & Products	Heat Deflection Temperature	ASTM D648
1087	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials & Products	Heat Deflection Temperature	ISO 75 Part 1
1088	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials & Products	Izod Impact Strength	ASTM D256-10
1089	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials & Products	Melt Flow Index in Plastic	ASTM D1238
1090	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials & Products	Melt Flow Index in Plastic	ISO 1133
1091	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials & Products	Rockwell Hardness (HRR)	ASTM D785-08
1092	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials & Products	Shore Hardness (Shore C)	ASTM D2240
1093	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials & Products	Shore Hardness (Shore D)	ASTM D2240
1094	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials & Products	Tensile Strength	ASTM D638
1095	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pastic Products	Determianation of Water Absorption	IS 13360-Part-8-Sec--1

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1096	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics and plastic products	Compressive Strength	ASTM D 695
1097	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics and Plastic products	Gloss 60	MS 210
1098	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics and Plastic products	Resistance to chemicals	MS 210
1099	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics and Plastic Products	Resistance to Heat Ageing	MS 210
1100	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics and Plastic Products	Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser	ASTM D 4060
1101	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics and Plastic Products	Standard Test Method for Water Absorption of Plastics	ASTM D 570-98
1102	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics and Plastics Products	Resistance to Impact	MS 210
1103	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics and Plastics products	Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates	ASTM D 2244
1104	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics and Plastics Products	Standard test Method Flammability Resistance for interior materials	MS 300
1105	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Accelerated Heat Ageing	ASTM D573-04
1106	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Accelerated Heat Ageing	IS 3400 Part-4
1107	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Ash Content	ASTM D5630
1108	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Compression Set	ASTM D395
1109	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Compression Set	IS 3400 Part 10
1110	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Elongation at Break	ASTM D412-16
1111	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Elongation at Break	IS 3400 Part 1
1112	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Hardness (Durometer) - Shore A	ASTM D2240

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1113	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Hardness (Durometer) - Shore A	IS 3400 Part 2
1114	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Modulus of Elasticity	ASTM D412-16
1115	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Modulus of Elasticity	IS 3400 Part 1
1116	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Resistance to Oil,Water and Fuel	ASTM D471-16
1117	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Resistance to Oil,Water and Fuel	IS 3400 Part 6
1118	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Specific Gravity	ASTM D792
1119	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Specific Gravity	IS 3400 Part 9
1120	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Tear Strength-Angular	ASTM D624-00
1121	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Tear Strength-Angular	IS 3400 Part 17
1122	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Tear Strength-Crescent	ASTM D624-00
1123	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Tear Strength-Crescent	IS 3400 Part -12
1124	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Tensile Strength at Break	ASTM D412-16
1125	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Tensile Strength at Break	IS 3400 Part 1

SCOPE OF ACCREDITATION

Laboratory Name : MICROLAB, SP. 101, 2ND MAIN ROAD, AMBATTUR INDUSTRIAL ESTATE, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 21/12/2021 to 20/12/2023 **Last Amended on** 09/06/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
LOCATION 1-SP. 101, 2ND MAIN ROAD, AMBATTUR INDUSTRIAL ESTATE, CHENNAI, TAMIL NADU, INDIA Site Facility				
1	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Si,Mg,Mn,Cu,Ti,Pb & Sn	ASTM E1916 by using Hand held XRF
2	CHEMICAL- METALS & ALLOYS	Carbon Steel Stainless Steel Tool Steel	Aluminium	ASTM E1916 by using Portable Optical Emission Spectrometer
3	CHEMICAL- METALS & ALLOYS	Carbon Steel Stainless Steel Tool Steel	Carbon	ASTM E1916 by using Portable Optical Emission Spectrometer
4	CHEMICAL- METALS & ALLOYS	Carbon Steel Stainless Steel Tool Steel	Chromium	ASTM E1916 by using Portable Optical Emission Spectrometer
5	CHEMICAL- METALS & ALLOYS	Carbon Steel Stainless Steel Tool Steel	Cobalt	ASTM E1916 by using Portable Optical Emission Spectrometer
6	CHEMICAL- METALS & ALLOYS	Carbon Steel Stainless Steel Tool Steel	Copper	ASTM E1916 by using Portable Optical Emission Spectrometer
7	CHEMICAL- METALS & ALLOYS	Carbon Steel Stainless Steel Tool Steel	Molybdenum	ASTM E1916 by using Portable Optical Emission Spectrometer
8	CHEMICAL- METALS & ALLOYS	Carbon Steel Stainless Steel Tool Steel	Nickel	ASTM E1916 by using Portable Optical Emission Spectrometer
9	CHEMICAL- METALS & ALLOYS	Carbon Steel Stainless Steel Tool Steel	Niobium	ASTM E1916 by using Portable Optical Emission Spectrometer
10	CHEMICAL- METALS & ALLOYS	Carbon Steel Stainless Steel Tool Steel	Phosporus	ASTM E1916 by using Portable Optical Emission Spectrometer
11	CHEMICAL- METALS & ALLOYS	Carbon Steel Stainless Steel Tool Steel	Silicon	ASTM E1916 by using Portable Optical Emission Spectrometer
12	CHEMICAL- METALS & ALLOYS	Carbon Steel Stainless Steel Tool Steel	Sulphur	ASTM E1916 by using Portable Optical Emission Spectrometer
13	CHEMICAL- METALS & ALLOYS	Carbon Steel Stainless Steel Tool Steel	Titanium	ASTM E1916 by using Portable Optical Emission Spectrometer
14	CHEMICAL- METALS & ALLOYS	Carbon Steel Stainless Steel Tool Steel	Tungsten	ASTM E1916 by using Portable Optical Emission Spectrometer
15	CHEMICAL- METALS & ALLOYS	Carbon Steel Stainless Steel Tool Steel	Vanadium	ASTM E1916 by using Portable Optical Emission Spectrometer
16	CHEMICAL- METALS & ALLOYS	Carbon Steel Stainless Steel Tool Steel	Manganese	ASTM E1916 by using Portable Optical Emission Spectrometer
17	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Al,Cr,Cu,Fe,Mn,Mo,Ni,V & W	ASTM E1916 by using Hand held XRF
18	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cu,Sn,Pb,Ni,Fe,Al,Mn,Cr,Co,Sb & P	ASTM E1916 by using Hand held XRF

SCOPE OF ACCREDITATION

Laboratory Name : MICROLAB, SP. 101, 2ND MAIN ROAD, AMBATTUR INDUSTRIAL ESTATE, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
19	CHEMICAL- METALS & ALLOYS	Fe base (Carbon Steel / Stainless Steel / Tool Steel)	Manganese	ASTM E1916 by using Hand held XRF
20	CHEMICAL- METALS & ALLOYS	Fe base (Carbon Steel / Stainless Steel / Tool Steel)	Molybdenum	ASTM E1916 by using Hand held XRF
21	CHEMICAL- METALS & ALLOYS	Fe base (Carbon Steel / Stainless Steel/Tool Steel)	Nickel	ASTM E1916 by using Hand held XRF
22	CHEMICAL- METALS & ALLOYS	Fe base (Carbon Steel / Stainless Steel/Tool Steel)	Titanium	ASTM E1916 by using Hand held XRF
23	CHEMICAL- METALS & ALLOYS	Fe base (Carbon Steel / Stainless Steel/Tool Steel)	Vanadium	ASTM E1916 by using Hand held XRF
24	CHEMICAL- METALS & ALLOYS	Fe base (Carbon Steel/Stainless Steel/Tool Steel)	Chromium	ASTM E1916 by using Hand held XRF
25	CHEMICAL- METALS & ALLOYS	Fe base (Carbon Steel/Stainless Steel/Tool Steel)	Cobalt	ASTM E1916 by using Hand held XRF
26	CHEMICAL- METALS & ALLOYS	Fe base (Carbon Steel/Stainless Steel/Tool Steel)	Nickel	ASTM E1916 by using Hand held XRF
27	CHEMICAL- METALS & ALLOYS	Fe base (Carbon Steel/Stainless Steel/Tool Steel)	Tungsten	ASTM E1916 by using Hand held XRF
28	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Ni,Mn,Fe,Mo,V,Cu,Nb,Co,W,Ti & Cr	ASTM E1916 by using Hand held XRF
29	CHEMICAL- METALS & ALLOYS	Nickel base	Ni,Mn,Fe,Mo,V,Cu,Nb,Co,W,Ti,Cr,C,Si,P & S	ASTM E1916 by using Portable Optical Emission Spectrometer
30	CHEMICAL- METALS & ALLOYS	Titanium & its alloys (Metals & Alloys)	Ti,Fe,V,Mo & Al	ASTM E1916 by using Hand held XRF
31	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Enamel Paints (Finishing / Under Coating)	Field Measurement of Surface Profile of Blast Cleaned Steel	ASTM D4417
32	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half-cell Potential Test	IS 516 Part 5 Sec 2
33	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 516 Part 5 Sec 4
34	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity Test	IS 516 (Part 5/Sec 1)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	MICROLAB, SP. 101, 2ND MAIN ROAD, AMBATTUR INDUSTRIAL ESTATE, CHENNAI, TAMIL NADU, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
LOCATION 2 - NO.100, SIDCO WOMENS INDUSTRIAL ESTATE, KATTUR VILLAGE, THIRUMULLAIVOYAL, CHENNAI, TAMIL NADU, INDIA Permanent Facility				
1	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Pull Out/Push Out Test	ASME Section IX