National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : KRISHNA DIGITAL MATERIAL TESTING LABORATORY, 02, BHAWANI NAGAR, J.K. ROAD, BHOPAL, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air/ Work Zone Air	Ammonia (NH3)	CPCB NAAQ Method Volume 1,May
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air/ Work Zone Air	Nickel (Ni)	CPCB NAAQ Method Volume 1, May 2011 IS 5182 (Part-22)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air/ Work Zone Air	Nitrogen Dioxide (NO2)	IS 5182 (Part-6)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air/ Work Zone Air	Ozone (O3)	IS 5182 (Part-9)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air/ Work Zone Air	Particulate Matter (PM 2.5)	CPCB NAAQS Method, Volume-1, May
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air/ Work Zone Air	Respirable Suspended Particulate Matter (PM10)	IS 5182 (Part-23)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air/ Work Zone Air	Sulphur Dioxide (SO2)	IS 5182 (Part-2)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air/ Work Zone Air	Lead (Pb)	CPCB NAAQ Method Volume 1, May2011 IS 5182 (Part-22)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Noise (Ambient /Source/ DG)	Ambient Noise, Leq dB(A)	IS 9876
10	CHEMICAL- ATMOSPHERIC POLLUTION	Noise (Ambient /Source/ DG)	DG set Noise, dB(A)	IS 4758
11	CHEMICAL- ATMOSPHERIC POLLUTION	Noise (Ambient /Source/ DG)	Source/ Machine Noise, dB(A)	IS 4758
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stationary Source/ Stack / Chimney/ Fugitive Emission	Carbon Dioxide (CO2)	Flue gas analyzer-Manufacturer manual
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stationary Source/ Stack / Chimney/ Fugitive Emission	Carbon Monoxide (CO)	Flue gas analyzer-Manufacturer manual
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stationary Source/ Stack / Chimney/ Fugitive Emission	Oxide of Nitrogen (NOX as NO2)	IS 11255 (Part -7)
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stationary Source/ Stack / Chimney/ Fugitive Emission	Oxygen (O2)	Flue gas analyzer-Manufacturer manual
16	CHEMICAL- ATMOSPHERIC POLLUTION	Stationary Source/ Stack / Chimney/ Fugitive Emission	Particulate Matter (PM)	IS 11255 (Part -1)
17	CHEMICAL- ATMOSPHERIC POLLUTION	Stationary Source/ Stack / Chimney/ Fugitive Emission	Sulphur Dioxide (SO2)	IS 11255 (Part-2)
18	CHEMICAL- BUILDING MATERIAL	FLY ASH	CaO	IS:1727

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19	CHEMICAL- BUILDING MATERIAL	CEMENT (OPC/PPC)	Loss on Ignition	IS:4032
20	CHEMICAL- BUILDING MATERIAL	FLY ASH	Chloride	IS:1727
21	CHEMICAL- BUILDING MATERIAL	FLY ASH	MgO	IS:1727
22	CHEMICAL- BUILDING MATERIAL	FLY ASH	SO3	IS:1727
23	CHEMICAL- BUILDING MATERIAL	CEMENT (OPC/PPC)	Al2O3	IS:4032
24	CHEMICAL- BUILDING MATERIAL	CEMENT (OPC/PPC)	CaO	IS:4032
25	CHEMICAL- BUILDING MATERIAL	CEMENT (OPC/PPC)	Fe2O3	IS:4032
26	CHEMICAL- BUILDING MATERIAL	CEMENT (OPC/PPC)	Insoluble Residue	IS:4032
27	CHEMICAL- BUILDING MATERIAL	CEMENT (OPC/PPC)	MgO	IS:4032
28	CHEMICAL- BUILDING MATERIAL	CEMENT (OPC/PPC)	Potassium Oxide (K2O)	IS:4032
29	CHEMICAL- BUILDING MATERIAL	CEMENT (OPC/PPC)	SiO2	IS:4032
30	CHEMICAL- BUILDING MATERIAL	CEMENT (OPC/PPC)	SO3	IS:4032
31	CHEMICAL- BUILDING MATERIAL	CEMENT (OPC/PPC)	Sodium Oxide (Na2O)	IS:4032
32	CHEMICAL- BUILDING MATERIAL	CEMENT (OPC/PPC)	Total Chloride	IS: 4032, Amd-01
33	CHEMICAL- BUILDING MATERIAL	CONSTRUCTION CHEMICAL CONCRETE ADMIXTURE	Ash Content	IS: 9103
34	CHEMICAL- BUILDING MATERIAL	CONSTRUCTION CHEMICAL CONCRETE ADMIXTURE	Chloride	IS: 6925 , Cl-4
35	CHEMICAL- BUILDING MATERIAL	CONSTRUCTION CHEMICAL CONCRETE ADMIXTURE	Dry Material content	IS: 9103
36	CHEMICAL- BUILDING MATERIAL	CONSTRUCTION CHEMICAL CONCRETE ADMIXTURE	pH	IS: 9103
37	CHEMICAL- BUILDING MATERIAL	CONSTRUCTION CHEMICAL CONCRETE ADMIXTURE	Relative Density	IS: 9103

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38	CHEMICAL- BUILDING MATERIAL	FLY ASH	Al2O3	IS:1727
39	CHEMICAL- BUILDING MATERIAL	FLY ASH	Fe2O3	IS:1727
40	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss on Ignition	IS:1727
41	CHEMICAL- BUILDING MATERIAL	FLY ASH	SiO2	IS:1727
42	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Macro Examination Copper, MS, SS	Macro Examination Visual & Magnifying Glass	ASME section 9, IS 13015 & IS 13484
43	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metals Coating	Mass of Zinc Coating	IS 6745
44	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metals Coating	Thickness of Anodic Coating	IS 5523
45	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metals with Zinc Coating	Uniformity of Zinc Coating	IS 2633
46	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Paint & Surface Coating	Powder Coating Thickness on Flat surface	IS 101 Part 3 sec.2 (Micrometer Method)
47	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Iron	ASTM E 1251
48	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Silicon	ASTM E 1251:
49	CHEMICAL- METALS & ALLOYS	Aluminum & its Alloys	Chromium	ASTM E 1251:
50	CHEMICAL- METALS & ALLOYS	Aluminum & its Alloys	Copper	ASTM E 1251:
51	CHEMICAL- METALS & ALLOYS	Aluminum & its Alloys	Lead	ASTM E 1251:
52	CHEMICAL- METALS & ALLOYS	Aluminum & its Alloys	Magnesium	ASTM E 1251:
53	CHEMICAL- METALS & ALLOYS	Aluminum & its Alloys	Manganese	ASTM E 1251
54	CHEMICAL- METALS & ALLOYS	Aluminum & its Alloys	Nickel	ASTM E 1251

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55	CHEMICAL- METALS & ALLOYS	Aluminum & its Alloys	Titanium	ASTM E 1251:
56	CHEMICAL- METALS & ALLOYS	Aluminum & its Alloys	Zinc	ASTM E 1251:
57	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Aluminium	BS EN 15079:
58	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cobalt	BS EN 15079
59	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Iron	BS EN 15079:
60	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Lead	BS EN 15079:
61	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Magnesium	BS EN 15079:
62	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Nickel	BS EN 15079:
63	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Phosphorous	BS EN 15079:
64	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Silicon	BS EN 15079
65	CHEMICAL- METALS & ALLOYS	Copper & Its alloys	Sulfur	BS EN 15079
66	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Tin	BS EN 15079:
67	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Zinc	BS EN 15079:
68	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Antimony	BS EN 15079
69	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Aluminium	ASTM E 415:
70	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Carbon	ASTM E 415
71	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Chromium	ASTM E 415
72	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Cobalt	ASTM E 415
73	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Copper	ASTM E 415

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74	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Manganese	ASTM E 415
75	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Molybdenum	ASTM E 415
76	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Nickel	ASTM E 415
77	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Niobium	ASTM E 415
78	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Phosphorous	ASTM E 415
79	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Silicon	ASTME 415
80	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Sulfur	ASTME 415
81	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Vanadium	ASTME 415
82	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless Steel)	Carbon	ASTME-1086
83	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless Steel)	Chromium	ASTME-1086
84	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless Steel)	Copper	ASTME-1086
85	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless Steel)	Manganese	ASTME-1086
86	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless Steel)	Molybdenum	ASTME-1086
87	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless Steel)	Nickel	ASTME-1086
88	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless steel)	Nitrogen	ASTM 1086
89	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless Steel)	Phosphorous	ASTME-1086
90	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless Steel)	Silicon	ASTME-1086
91	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless Steel)	Sulfur	ASTME-1086
92	CHEMICAL- METALS & ALLOYS	Lead and Lead Alloys	Bismuth	KDMTL/SOP/01 Issue No.01 Issue Date 02.02

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93	CHEMICAL- METALS & ALLOYS	Lead and Lead Alloys	Zinc	KDMTL/SOP/01 Issue No.01 Issue Date 02.02.
94	CHEMICAL- METALS & ALLOYS	Lead and Lead Alloys	Antimony	KDMTL/SOP/01 Issue No.01 Issue Date 02.02.
95	CHEMICAL- METALS & ALLOYS	Lead and Lead Alloys	Cadmium	KDMTL/SOP/01 Issue No.01 Issue Date 02.02
96	CHEMICAL- METALS & ALLOYS	Lead and Lead Alloys	Copper	KDMTL/SOP/01 Issue No.01 Issue Date 02.02.
97	CHEMICAL- METALS & ALLOYS	Lead and Lead Alloys	Silver	KDMTL/SOP/01 Issue No.01 Issue Date 02.02
98	CHEMICAL- METALS & ALLOYS	Lead and Lead Alloys	Tellurium	KDMTL/SOP/01 Issue No.01 Issue Date 02.02
99	CHEMICAL- METALS & ALLOYS	Lead and Lead Alloys	Tin	KDMTL/SOP/01 Issue No.01 Issue Date 02.02.
100	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Carbon	ASTM E-3047:
101	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Copper	ASTM E-3047:
102	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Iron	ASTM E-3047:
103	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Manganese	ASTM E-3047:
104	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Phosphorous	ASTM E-3047:
105	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Silicon	ASTM E-3047:
106	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Sulfur	ASTM E-3047:
107	CHEMICAL- METALS & ALLOYS	Tin and Tin Alloys	Antimony	KDMTL/SOP/02 Issue No.01, Issue Date 04.08
108	CHEMICAL- METALS & ALLOYS	Tin and Tin Alloys	Bismuth	KDMTL/SOP/02 Issue No.01, Issue Date 04.08
109	CHEMICAL- METALS & ALLOYS	Tin and Tin Alloys	Cadmium	KDMTL/SOP/02 Issue No.01, Issue Date 04.08
110	CHEMICAL- METALS & ALLOYS	Tin and Tin Alloys	Copper	KDMTL/SOP/02 Issue No.01, Issue Date 04.08
111	CHEMICAL- METALS & ALLOYS	Tin and Tin Alloys	Indium	KDMTL/SOP/02 Issue No.01, Issue Date 04.08

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112	CHEMICAL- METALS & ALLOYS	Tin and Tin Alloys	Iron	KDMTL/SOP/02 Issue No.01, Issue Date 04.08
113	CHEMICAL- METALS & ALLOYS	Tin and Tin Alloys	Lead	KDMTL/SOP/02 Issue No.01, Issue Date 04.08
114	CHEMICAL- METALS & ALLOYS	Tin and Tin Alloys	Nickel	KDMTL/SOP/02 Issue No.01, Issue Date 04.08
115	CHEMICAL- METALS & ALLOYS	Tin and Tin Alloys	Silver	KDMTL/SOP/02 Issue No.01, Issue Date 04.08
116	CHEMICAL- METALS & ALLOYS	Tool Steel- Ferrous Base	Carbon	KDMTL/SOP/03 Issue No.01, Issue Date 22.1.
117	CHEMICAL- METALS & ALLOYS	Tool Steel- Ferrous Base	Chromium	KDMTL/SOP/03 Issue No.01, Issue Date 22.1
118	CHEMICAL- METALS & ALLOYS	Tool Steel- Ferrous Base	Cobalt	KDMTL/SOP/03 Issue No.01, Issue Date 22.1.
119	CHEMICAL- METALS & ALLOYS	Tool Steel- Ferrous Base	Manganese	KDMTL/SOP/03 Issue No.01, Issue Date 22.1.
120	CHEMICAL- METALS & ALLOYS	Tool Steel- Ferrous Base	Molybdenum	KDMTL/SOP/03 Issue No.01, Issue Date 22.1.
121	CHEMICAL- METALS & ALLOYS	Tool Steel- Ferrous Base	Phosphorous	KDMTL/SOP/03 Issue No.01, Issue Date 22.1.
122	CHEMICAL- METALS & ALLOYS	Tool Steel- Ferrous Base	Silicon	KDMTL/SOP/03 Issue No.01, Issue Date 22.1.
123	CHEMICAL- METALS & ALLOYS	Tool Steel- Ferrous Base	Vanadium	KDMTL/SOP/03 Issue No.01, Issue Date 22.1.
124	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Aluminium	ISO 3815-1 (E):
125	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Cadmium	ISO 3815-1 (E):
126	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Copper	ISO 3815-1 (E):
127	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Iron	ISO 3815-1 (E):
128	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Lead	ISO 3815-1 (E):
129	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Tin	ISO 3815-1 (E):
130	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer /Agricultural soil	Available Phosphorus	IS 6092 PART 3 SEC 2

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131	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer /Agricultural soil	Boron	USEPA 3050 B,6010 C
132	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer /Agricultural soil	Calcium	USEPA 3050 B
133	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer /Agricultural soil	Chromium	USEPA 3050 B
134	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer /Agricultural soil	Iron	USEPA 3050 B
135	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer /Agricultural soil	Lead	USEPA 3050 B
136	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer /Agricultural soil	Magnesium	USEPA 3050 B
137	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer /Agricultural soil	Manganese	USEPA 3050 B
138	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer /Agricultural soil	Molybdenum	USEPA 3050 B
139	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer /Agricultural soil	Nickel	USEPA 3050 B
140	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer /Agricultural soil	Potassium	USEPA 3050 B
141	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer /Agricultural soil	Zinc	USEPA 3050 B
142	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer /Agricultural soil for	Copper	USEPA 3050 B
143	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer Agricultural soil	Cation Exchange Capacity (CEC)	IS 2720 (P-24)
144	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer Agricultural soil	Chloride	IS 6925
145	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer Agricultural soil	Electrical Conductivity	IS 14767
146	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer Agricultural soil	Nitrate	IS 6092 PART 2 SEC 1
147	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer Agricultural soil	Nitrite	IS 6092 PART 2 SEC 1
148	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer Agricultural soil	Organic Matter/ Organic Carbon	IS 2720 (P-22)
149	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer Agricultural soil	pH	IS 2720 (P-26)

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150	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer Agricultural soil	Sodium Absorption Ratio (SAR)	IS 11624
151	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer Agricultural soil	Sulfate	IS 2720 PART 27
152	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer Agricultural soil	Water holding Capacity	IS 14765
153	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer Agricultural soil	Water Soluble Salt	IS 11624
154	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments fertilizer) Agricultural soil	Sodium	IS 9497
155	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Acidity	IS 3025:Part-22
156	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	BOD	IS 3025 (Part 44)
157	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Boron	IS 3025:Part-57
158	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	COD	IS 3025 (Part 58)
159	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	DO	IS 3025 (Part 38)
160	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Hexavalent Chromium	IS 3025:Part-52
161	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Nitrite, Nitrogen	IS 3025:Part-34
162	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Oil and Grease	IS 3025 (Part 39) Clause- 6
163	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Oxygen absorbed in 4 hours at 27°C	IS 3025:Part-63
164	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Phenolic compound	IS 3025:Part-52
165	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Sulphate	IS 3025:Part-24
166	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Total Nitrogen	IS 3025:Part-34
167	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Total Residue, (Total solid – dissolved and suspended)	IS 3025:Part-15
168	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Total suspended Solids, Non-filterable residue)	IS 3025:Part-17

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169	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Volatile and fixed residue, (total filterable and non-filterable)	IS 3025:Part-18
170	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Arsenic	IS 3025 P-37
171	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Available Phosphorus	IS 6092 P-3 SEC
172	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Boron	USEPA 3050 B & 6010 C
173	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Calcium	USEPA 3050 B & 6010 C
174	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Cation Exchange Capacity (CEC)	IS 2720 (P-24)
175	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Chloride	IS 6925
176	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Chromium	USEPA 3050 B & 6010 C
177	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Copper	USEPA 3050 B & 6010 C
178	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Electrical Conductivity	IS 14767
179	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Iron	USEPA 3050 B & 6010 C
180	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Lead	USPEA 3050 B & 6010 C
181	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Magnesium	USEPA 3050 B & 6010 C
182	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Manganese	USEPA 3050 B & 6010 C
183	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Molybdenum	USEPA 3050 B & 6010 C
184	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Nickel	USEPA 3050 B & 6010 C
185	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Nitrate	IS 6092 P-2 SEC-1
186	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Nitrite	IS 6092 P-2 SEC-1

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187	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Organic Matter/ Organic Carbon	IS 2720 (P-22)
188	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	pH	IS 2720 (P-26)
189	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Potassium	USEPA 3050 B & 6010 C
190	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Sodium	USEPA 3050 B & 6010 C
191	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Sodium Absorption Ratio (SAR)	IS 11624
192	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Sulphur	USEPA 3050 B & 6010 C
193	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Water holding Capacity	IS 14765
194	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Water Soluble Salt	IS 11624
195	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Zinc	USEPA 3050 B & 6010 C
196	CHEMICAL- SOIL AND ROCK	Clays & Soils	Calcium Carbonate	IS 2720:(Pt-23)
197	CHEMICAL- SOIL AND ROCK	Clays & Soils	Electrical Conductivity (1:2) at 25 °C	IS :14767
198	CHEMICAL- SOIL AND ROCK	Clays & Soils	Organic matter	IS 2720: (Pt-22)
199	CHEMICAL- SOIL AND ROCK	Clays & Soils	pH	IS 2720:(Pt-26)
200	CHEMICAL- SOIL AND ROCK	Clays & Soils	Silica	IS 2720: (Pt-25)
201	CHEMICAL- SOIL AND ROCK	Clays & Soils	Sulphate	IS 2720:(Pt-27)
202	CHEMICAL- SOLID FUELS	Coal	Ash in Coal	IS 1350 (Part 1)
203	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value in Coal	IS 1350 (Part 2)
204	CHEMICAL- SOLID FUELS	Coal	Moisture in Coal	IS 1350 (Part 1)
205	CHEMICAL- SOLID FUELS	Coal	Nitrogen	IS:1350 (Part 4 Section 2)
206	CHEMICAL- SOLID FUELS	Coal	Total Sulphur in Coal	IS:1350 (Part 3)
207	CHEMICAL- SOLID FUELS	Coal	Volatile Matter in Coal	IS 1350 (Part 1)

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208	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Block Density	IS 6441 Part 1
209	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Compressive Strength	IS 6441 Part 5
210	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Dimension - Width	IS 2185 Part 3
211	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Dimensions - Length	IS 2185 Part 3
212	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Dimensions - Thickness	IS 2185 Part 3
213	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Drying Shrinkage	IS 6441 Part 2
214	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coagulation of Emulsion at Low Temperature	IS 8887
215	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coating Ability and Water Resistance: a) Coating, dry aggregate b) Coating, after spraying c) Coating, wet aggregate d) Coating, after spraying	IS 8887
216	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility with Water	IS 8887
217	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600 micron IS Sieve	IS 8887
218	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Stability to mixing with Cement	IS 8887
219	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage Stability after 24 h	IS 8887
220	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Tests on Residue - Ductility	IS 1208
221	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Tests on Residue - Penetration	IS 1203
222	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Tests on Residue - Residue by Evaporation	IS 8887
223	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Tests on Residue - Solubility In Trichloroethylene	IS 1216
224	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Abrasion Value by Los Angeles Machine (MoRTH Specifications)	IS 2386 Part 4

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225	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content	IRC SP 11
226	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Density	ASTM D2726
227	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Gradation (MoRTH Specifications)	IS 2386 Part 1
228	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Impact Value (MoRTH Specifications)	IS 2386 Part 4
229	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshal Stability	ASTM D6927
230	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Flow	ASTM D6927
231	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Stripping Value	IS 6241
232	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Water Absorption	IS 2386 P-3
233	MECHANICAL- BUILDINGS MATERIALS	Bitumious /Concrete Section	B.B.D.	IRC 81
234	MECHANICAL- BUILDINGS MATERIALS	Block Board	Adhesion of piles	IS 1659
235	MECHANICAL- BUILDINGS MATERIALS	Block Board	Dimension -Length	IS 1659
236	MECHANICAL- BUILDINGS MATERIALS	Block Board	Dimension -Thickness	IS 1659
237	MECHANICAL- BUILDINGS MATERIALS	Block Board	Dimension -Width	IS 1659
238	MECHANICAL- BUILDINGS MATERIALS	Block Board	Mycological Test	IS 1659
239	MECHANICAL- BUILDINGS MATERIALS	Block Board	Resistance to Water	IS 1659
240	MECHANICAL- BUILDINGS MATERIALS	Block Board	Spot Test	IS 1659; Annex K
241	MECHANICAL- BUILDINGS MATERIALS	Block Board	Squareness	IS 1659
242	MECHANICAL- BUILDINGS MATERIALS	Block Board	Straightness	IS 1659
243	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Compressive Strength	IS 3495 Part 1

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244	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Dimensions - Height	IS 1077
245	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Dimensions - Length	IS 1077
246	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Dimensions - Width	IS 1077
247	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Efflorescence	IS 3495 Part 3
248	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Water Absorption	IS 3495 Part 2
249	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Compressive Strength	IS 4031 Part 6
250	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Density	IS 4031 Part 11
251	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Drying Shrinkage	IS 4031 Part 2
252	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Final Setting Time	IS 4031 Part 5
253	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Fineness by Blaine's Air Permeability	IS 4031 Part 2
254	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Fineness by Dry Sieving	IS 4031 Part 1
255	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Initial Setting Time	IS 4031 Part 5
256	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Soundness by Autoclave Method	IS 4031 Part 3
257	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Soundness by Le-Chateliers Method	IS 4031 Part 3
258	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Standard Consistency	IS 4031 Part 4
259	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Breaking Strength	IS 13630 Part 6
260	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Chemical Resistance	IS 13630 Part 8
261	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Crazing Resistance	IS 13630 Part 9
262	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Length	IS13630 Part 1

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263	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Scratch Hardness	IS 13630 Part 13
264	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Surface Quality	IS 13630 Part 1
265	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Thermal Shock Resistance	IS 13630 Part 5
266	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Thickness	IS 13630 Part 1
267	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630 Part 2
268	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Width	IS 13630 Part 1
269	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 % Fines Value	IS 2386 Part 4
270	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value by Los Angeles Machine	IS :2386 Part 4
271	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 Part 3
272	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 PART 3
273	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Clay Lumps	IS 2386 Part 2
274	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS :2386 Part 4
275	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 Part 1
276	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 Part 1
277	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS :2386 P-4
278	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Materials Finer than 75 µ	IS 2386 Part 2
279	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 to 40 mm)	IS :2386 Parr 1
280	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by magnesium sulphate	IS 2386 PART 5
281	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by Sodium Sulphate	IS 2386 Part 5

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282	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS :2386 Part 3
283	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS :2386 Part 3
284	MECHANICAL- BUILDINGS MATERIALS	Concrete Flooring Tiles	Dimension & Surface Regularity -Perpendicularity	IS 1237
285	MECHANICAL- BUILDINGS MATERIALS	Concrete Flooring Tiles	Dimension & Surface Regularity -Flatness	IS 1237
286	MECHANICAL- BUILDINGS MATERIALS	Concrete Flooring Tiles	Dimension & Surface Regularity -Straightness	IS 1237
287	MECHANICAL- BUILDINGS MATERIALS	Concrete Flooring Tiles	Resistance to Wear	IS 1237
288	MECHANICAL- BUILDINGS MATERIALS	Concrete Flooring Tiles	Water Absorption	IS 1237
289	MECHANICAL- BUILDINGS MATERIALS	Concrete Flooring Tiles	Wet Transverse Strength	IS 1237
290	MECHANICAL- BUILDINGS MATERIALS	Door Shutters	End Immersion	IS 4020 Part 13
291	MECHANICAL- BUILDINGS MATERIALS	Door Shutters	Glue Adhesion	IS 4020 Part 15
292	MECHANICAL- BUILDINGS MATERIALS	Door Shutters	Knife Test	IS 4020 Part 14
293	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 Part 3
294	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 PART 3
295	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking	IS 2386 Part 3
296	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Clay Lumps	IS 2386 Part 2
297	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Materials Finer than 75 µ	IS 2386 Part 2
298	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (0.075 to 4.75 mm)	IS 2386 Part 1
299	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content	CPWD Specification - Vol 1
300	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by magnesium sulphate	IS 2386 PART 5

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301	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Sodium Sulphate	IS 2386 Part 5
302	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 Part 3
303	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 Part 3
304	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727
305	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Blaine's Air Permeability	IS 1727
306	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Lime Reactivity	IS 1727
307	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Residue on 45 micron IS Sieve	IS 1726
308	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by Autoclave Method	IS 4031 Part 3
309	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS 1727
310	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Cube Compressive Strength Core Compressive Strength as per IS 516 Part 4 2018	IS 516: Part -1 Sec 1 , & IS 516 Part-4, IS 9013
311	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Depth off Water Penetration Under Pressure	IS 516 (Part 2/Sec1)
312	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Flexural Strength	IS 516: Part -1 Sec 1
313	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Split Tensile Strength	IS 516: Part -1 Sec 1
314	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water Absorption	BS 1881 - 122
315	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Reinforcement Steel	% of Elongation	ASTM A 370
316	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Reinforcement Steel	% of Elongation	IS 1608 Part 1
317	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Reinforcement Steel	0.2% Proof stress / Yield stress	ASTM A 370
318	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Reinforcement Steel	Ultimate Tensile Strength	ASTM A 370

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319	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars	Bend	IS 1599
320	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars	Re-bend	IS 1786
321	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars	Rib area by Dimension Measurement	IS 1786
322	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars	Total Elongation	IS 1608 Part 1
323	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars	Ultimate Tensile Strength	IS 1608 Part 1
324	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars	Weight per Meter	IS 1786
325	MECHANICAL- BUILDINGS MATERIALS	Particle Board/ Pre-Laminated Particle Board/ Medium Density Fibre Board	Crack Resistance	IS 12823
326	MECHANICAL- BUILDINGS MATERIALS	Particle Board/ Pre-Laminated Particle Board/ Medium Density Fibre Board	Density	IS 2380 Part 3
327	MECHANICAL- BUILDINGS MATERIALS	Particle Board/ Pre-Laminated Particle Board/ Medium Density Fibre Board	Moisture Content	IS 2380 Part 3
328	MECHANICAL- BUILDINGS MATERIALS	Particle Board/ Pre-Laminated Particle Board/ Medium Density Fibre Board	Resistance to Cigarette Burn	IS 12823
329	MECHANICAL- BUILDINGS MATERIALS	Particle Board/ Pre-Laminated Particle Board/ Medium Density Fibre Board	Resistance to Steam	IS 12823
330	MECHANICAL- BUILDINGS MATERIALS	Particle Board/ Pre-Laminated Particle Board/ Medium Density Fibre Board	Screw Withdrawal Strength	IS 2380 Part 14
331	MECHANICAL- BUILDINGS MATERIALS	Particle Board/ Pre-Laminated Particle Board/ Medium Density Fibre Board	Swelling in Water	IS 2380 Part 17
332	MECHANICAL- BUILDINGS MATERIALS	Particle Board/ Pre-Laminated Particle Board/ Medium Density Fibre Board	Tensile Strength perpendicular to surface	IS 2380 Part 5
333	MECHANICAL- BUILDINGS MATERIALS	Particle Board/ Pre-Laminated Particle Board/ Medium Density Fibre Board	Tensile strength perpendicular to surface after ageing	IS 2380 Part 5
334	MECHANICAL- BUILDINGS MATERIALS	Particle Board/ Pre-Laminated Particle Board/ Medium Density Fibre Board	Water Absorption	IS 2380 Part 16
335	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Absolute Viscosity	IS 1206 Part 2
336	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Ductility	IS 1208
337	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Fire Point	IS 1209

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338	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Flash Point	IS 1209
339	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Kinematic Viscosity	IS 1206 Part 3
340	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Penetration	IS 1203
341	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Softening Point	IS 1205
342	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Specific Gravity	IS 1202
343	MECHANICAL- BUILDINGS MATERIALS	Plywood	Adhesion of Piles	IS 1734 Part 5
344	MECHANICAL- BUILDINGS MATERIALS	Plywood	Density	IS 1734 Part 1
345	MECHANICAL- BUILDINGS MATERIALS	Plywood	Glue Shear Strength	IS 1734 Part 4
346	MECHANICAL- BUILDINGS MATERIALS	Plywood	Moisture Content	IS 1734 Part 1
347	MECHANICAL- BUILDINGS MATERIALS	Plywood	Mycological Test	IS 1734 Part 7
348	MECHANICAL- BUILDINGS MATERIALS	Plywood	Tensile Strength	IS 1734 Part 9
349	MECHANICAL- BUILDINGS MATERIALS	Plywood	Water Resistance	IS 1734 Part 6
350	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Blocks	Abrasion Resistance	IS 15658
351	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Blocks	Compressive Strength	IS 15658
352	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Blocks	Flexural Strength	IS 15658
353	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Blocks	Length	IS 15658
354	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Blocks	Tensile Splitting Strength	IS 15658
355	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Blocks	Thickness	IS 15658
356	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Blocks	Thickness of Wearing layer	IS 15658

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357	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Blocks	Water Absorption	IS 15658
358	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Blocks	Width	IS 15658
359	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Couplers	Elongation	IS 16172
360	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Couplers	Slip Test	IS 16172
361	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Couplers	Slip Test	IS 16172
362	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Couplers	Tensile Strength	IS 16172
363	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Y-Groove Weld Crackability	IS 10842:
364	MECHANICAL- BUILDINGS MATERIALS	Uncoated Stress Relieved Low Relaxation Seven Wire Strand for Prestressed Concrete	0.2 % Proof load	IS 14268
365	MECHANICAL- BUILDINGS MATERIALS	Uncoated Stress Relieved Low Relaxation Seven Wire Strand for Prestressed Concrete	Breaking Strength of Strand	IS 14268
366	MECHANICAL- BUILDINGS MATERIALS	Uncoated Stress Relieved Low Relaxation Seven Wire Strand for Prestressed Concrete	Elongation	IS 14268
367	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper materials alloys & products	% of Elongation	ASTM A 370
368	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper materials alloys & products	0.2% Proof stress/ Yield stress	ASTM A 370
369	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper materials alloys & products	Bend Test	ASME :Section IX
370	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper materials alloys & products	Flattening Test (Tubes& Pipes)	IS 2328:
371	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper materials alloys & products	Ultimate Tensile Strength	ASTM :A 370
372	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper materials alloys & products	% of Elongation	IS 1608 (Part-1)

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373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials alloys & products	0.2% Proof stress/ Yield stress	IS 1608 (Part-1)
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials alloys & products	Bend Test	IS 1599:
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials alloys & products	Birnell Hardness (HB)	IS 1500-P-1
376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials alloys & products	Charpy Impact Test (-40°C to ambient temperature)	IS 1757 P-1
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials alloys & products	Flattening Test (Tubes& Pipes)	ASTM: A 370
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials alloys & products	IZOD Impact Test	IS 1598
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials alloys & products	Rockwell hardness	IS 1586 (Part-1)
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials alloys & products	Rockwell hardness	IS 1586 (Part-1)
381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials alloys & products	Ultimate Tensile Strength	IS 1608-1
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials alloys & products	Vicker Hardness	IS 1501 P-1
383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material	Bend Test	ASTM-A-370-(190)
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Bend Test	BS EN -7438
385	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material	Bend Test	ISO 7438
386	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Brinell Hardness	ASTM-A-370

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387	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Brinell Hardness	EN 10003-1
388	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Brinell Hardness	ISO 6506 P-1
389	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Impact Test	ASTM-A-370(E-23)
390	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Impact Test	BS EN 10045-1
391	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Impact Test	ISO 148-1:
392	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Reduction Area	BS EN 10002
393	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Reduction Area	ISo 6892 P-1
394	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Rockwell Hardness	ASTM-A-370 (E-18)
395	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Rockwell Hardness	EN 10004-1
396	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Rockwell Hardness	EN 10004-1
397	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Rockwell hardness	ISO 6508 P-1
398	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Rockwell hardness	ISo 6508 P-1
399	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Rokwell Hardness	ISO 6508 P-1
400	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Tensile Strength	ISO 6892-1

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401	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Total Elongation	IS 15630 P-1
402	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Y-groove Crackability	IS 10842
403	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Yield Strength (02 proof stress)	BS EN-10002-1
404	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Yield Strength (02%proof Stress)	ISO 6892-1
405	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material Alloys & products	% of Elongation	IS 1608(Part 1)
406	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material Alloys & products	0.2% Proof stress/Yield stress	IS 1608(Part-1)
407	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material Alloys & products	Bend Test	ASME : Section IX
408	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material Alloys & products	Bend Test	IS 1599
409	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material Alloys & products	Birnell Hardness (HBW)	IS 1500 -1
410	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material Alloys & products	Charpy Impact Test (-40°C to ambient temperature)	IS 1757 -1
411	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material Alloys & products	Flattening Test (Tubes & Pipes)	ASTM: A 370
412	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material Alloys & products	Flattening Test (Tubes& Pipes)	IS 2328
413	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material Alloys & products	IZOD Impact Test	IS 1598
414	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material Alloys & products	Rockwell hardness	IS 1586 (Part-1)

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415	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material Alloys & products	Rockwell hardness	IS 1586 (Part-1)
416	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material Alloys & products	Ultimate Tensile Strength	ASTM A 370
417	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material Alloys & products	Ultimate Tensile Strength	IS 1608 Part-1
418	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material Alloys & products	Vicker Hardness	IS 1501-1
419	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material Alloys& products	% of Elongation	ASTM A 370
420	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material Alloys& products	0.2% Proof stress/Yield stress	ASTM :A 370
421	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material Alloys& products	Flattening Test (Tubes & Pipes)	ASTM: A 370
422	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloy & products	Charrpy Impact Test -40?C To ambient Temp.	IS ASTM 370
423	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products	Tensile Strength	API :1104
424	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materila	Rockwell Hardness	ASTM A-370 (E-18)
425	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Bend Test	BS EN 7438
426	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Bend Test	ISO 7438
427	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Brinell hardness	ASTM-A-370 (E-10)
428	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Brinell Hardness	EN 10003-1

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429	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Brinell Hardness	ISO 6506 P-1
430	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Impact Test	BS EN 10045-1
431	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Impact Test	ISO 148-1
432	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	reduction area	ISO 6892-1
433	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Reduction Area BS	BS EN 10002 P-1
434	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Rockwell Hardness	ASTM A-370(E-18)
435	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Rockwell Hardness	ASTM-A-370(E-18)
436	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Rockwell Hardness	EN 10004 P-1
437	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Rockwell Hardness	EN 10004-1
438	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Rockwell Hardness	ISO 6508 P-1
439	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Rockwell Hardness	ISO 6508 P-1
440	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Tensile Strength	BS EN-10002-1
441	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Tensile Strength	ISO 6892-1
442	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Yield Strength	ISO 6892

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443	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Yield Strength(0.2% proof Stress)	BS EN-10002-1
444	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non Ferrous Alloy & Products	% of Elongation	IS 1608-1
445	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non Ferrous Alloy & Products	0.2% Proof stress/,Yield stress	IS 1608-1
446	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non Ferrous Alloy & Products	Bend Test	IS 1599
447	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non Ferrous Alloy & Products	Birnell Hardness (HB)	IS 1500 -1
448	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non Ferrous Alloy & Products	Charpy Impact Test (-40°C to ambient temperature)	IS 1757-1
449	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non Ferrous Alloy & Products	Flattening Test (Tubes& Pipes)	IS 2328
450	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non Ferrous Alloy & Products	IZOD Impact Test	IS 1598
451	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non Ferrous Alloy & Products	Rockwell hardness	IS 1586 (Part-1)
452	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non Ferrous Alloy & Products	Rockwell hardness	IS 1586 (Part-1)
453	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non Ferrous Alloy & Products	Ultimate Tensile Strength	IS 1608 (Part-1)
454	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non Ferrous Alloy & Products	Vicker Hardness	IS 1501-1
455	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Metals, Alloys & Products	Charrpy Impact Test -40?C To ambient Temp.	ASTM A370
456	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded test Specimen	Charpy Impact Test 40 A? C to Ambient Temp.	ASME Sec-9

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457	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld& welded Test Specimen	Fracture Test	ASME Section IX
458	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld& welded Test Specimen	Neak break	API 1104
459	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld& welded Test Specimen	Tensile Strength	API-1104
460	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test specimens	Bend Test	ASME:Section IX
461	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Bend Test	IS 1599
462	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Birnell Hardness (HB)	IS 1500 -1
463	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Charpy Impact Test (-40°C to ambient temperature)	IS 1757 -1
464	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Flattening Test (Tubes & Pipes)	ASTM: A 370
465	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test specimens	Flattening Test (Tubes & Pipes)	IS 2328
466	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	IZOD Impact Test	IS 1598:1977
467	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Rockwell hardness	IS 1586 (Part-1)
468	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Rockwell hardness	IS 1586 (Part-1)
469	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test specimens	Ultimate Tensile Strength	ASTM :A :370
470	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Ultimate Tensile Strength	IS 1608 (Part-1)

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471	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Vicker Hardness	IS 1501 P-1
472	MECHANICAL- METALLOGRAPHY TEST	Metallic Material Alloys and product	Average Grain size by comparison method	IS 4748
473	MECHANICAL- METALLOGRAPHY TEST	Welding rods electrodes & filler metal of metallic Material	Average Grain size by comparison method	ASTM E 112
474	MECHANICAL- METALLOGRAPHY TEST	Welding rods electrodes & filler metal of metallic Material	Grain Size by comparison method	ASTM E 112
475	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	Ash Content	IS 1060 P-1
476	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	Breaking Strength	IS 1060 P-1
477	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	Moisture Content	IS 1060 P-1
478	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	pH Value	IS 1060 P-1
479	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	Substance/ Grammage	IS 1060 P-1
480	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	Tensile Strength/ Machine Direction	IS 1060 P-1
481	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE	Hydro static Pressure Test	IS 4984 , IS 14333 IS 12235 P-8 SEC-1
482	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films /Sheets	Tensile Strength	IS 13360 (P-5/ Sec 3)
483	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & Products	Hardness Shore D	13360(P-5/Sec11)
484	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & Products	Melt Flow Rate	IS 2530
485	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipe and Accessories	Carbon Black Content	IS 2530
486	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipe and Accessories	Carbon Black Dispersion	IS 2530
487	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipe and Accessories	Colour	IS 4984, IS 14333
488	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipe and Accessories	Density	IS 7328, IS 13360: PART 3 SEC 1

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489	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipe and Accessories	EFFECT ON WATER	IS 12235:P-4
490	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipe and Accessories	Elongation at Break	IS 4984:ANNEXURE -H
491	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipe and Accessories	Overall migration	IS 9845
492	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipe and Accessories	Oxidation Induction time	IS 4984 ANNEXED B
493	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipe and Accessories	Resistance to External Below	IS 4985 anx-c
494	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipe and Accessories	Slow Crack Growth rate	IS 4984
495	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipe and Accessories	Suphate ash Content	IS 4985 ANNX-B:
496	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipe and Accessories	Tensile Strength Butt Joint	IS 4984 ANNEXED G
497	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Cold Bend Ten	IS 15058
498	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions -Inside Diameter	IS 12235 P-1
499	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions -Outside Diameter	IS 12235 P-1, IS 4984 , IS 4985 IS 14333
500	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions -Socket length	IS 12235 P-1:, IS 4985
501	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions -Wall Thickness	IS 12235 P-1, IS 4984.IS 14333, IS 4985
502	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Effective Alkali	IS 15058
503	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Hardness	IS 13360 -5-11
504	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Internal Pressure Creep Rupture Test (Hydraulic Characteristics)	IS 4985
505	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Longitudinal Reversion (Air Oven method)	IS 12235 -5 , IS 4984 , IS 14333
506	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Stress Relief Test	IS 12235 P-6

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507	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Tensile Strength	IS 13360-5-1
508	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Visual Appearances	IS 4984 , IS 14333, IS 4985
509	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Water Absorption	IS 15058
510	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber & Products	Compression set	IS 3400 P-10: sec.1&2
511	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber & Products	Hardness Shore A	IS 3400 P-23 Sec 1&2
512	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber & Products	Tensile Strength	IS 3400 P-1
513	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and Rubber Produts	Elongation	IS 3400 P-1
514	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber & Products	Accelerated ageing at temperature 70 °C- Change in hardness	IS 3400 P-2
515	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber & Products	Accelerated ageing at temperature 70 °C -Change in tensile strength	IS 3400 P-1 & P-4
516	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber & Products	Accelerated ageing at temperature 70 °C-Change in elongation	IS 3400 P-1 &P-4
517	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber & Products	Accelerated ageing at temperature 70 °C-Change in elongation	IS 3400 P-1&4
518	MECHANICAL- SOIL AND ROCK	Bentonite	Density	ASTM D4380
519	MECHANICAL- SOIL AND ROCK	Bentonite	Free Swell Index	IS 2720 Part 40
520	MECHANICAL- SOIL AND ROCK	Bentonite	Liquid Limit	IS 2720 Part 5
521	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture Content	IS 6186
522	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content	IS 6186
523	MECHANICAL- SOIL AND ROCK	Bentonite	Wet/Dry Sieving	IS 6186

SCOPE OF ACCREDITATION

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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
524	MECHANICAL- SOIL AND ROCK	Granite/Marble/ Stone	Compressive Strength	IS 1121 P-1
525	MECHANICAL- SOIL AND ROCK	Granite/Marble/ Stone	Dimension - Thickness	IS 1130
526	MECHANICAL- SOIL AND ROCK	Granite/Marble/ Stone	Dimension - Width	IS 1130
527	MECHANICAL- SOIL AND ROCK	Granite/Marble/ Stone	Dimension -Length	IS 1130
528	MECHANICAL- SOIL AND ROCK	Granite/Marble/Stone	Hardness MOHS Scale	IS 1130
529	MECHANICAL- SOIL AND ROCK	Granite/Marble/Stone	Specific Gravity	IS 1124
530	MECHANICAL- SOIL AND ROCK	Granite/Marble/Stone	Water Absorption	IS 1124
531	MECHANICAL- SOIL AND ROCK	GSB / WMM	Abrasion Value by Los Angeles Machine (MoRTH Specifications)	IS 2386 Part 4
532	MECHANICAL- SOIL AND ROCK	GSB / WMM	California Bearing Ratio (MoRTH Specifications)	IS 2720 Part 16
533	MECHANICAL- SOIL AND ROCK	GSB / WMM	Heavy Compaction- MDD (MoRTH Specifications)	IS 2720 Part 8
534	MECHANICAL- SOIL AND ROCK	GSB / WMM	Heavy Compaction- OMC (MoRTH Specifications)	IS 2720 Part 8
535	MECHANICAL- SOIL AND ROCK	GSB / WMM	Impact Value (MoRTH Specifications)	IS 2386 Part 4
536	MECHANICAL- SOIL AND ROCK	GSB / WMM	Sieve Analysis (MoRTH Specifications)	IS 2386 Part 1
537	MECHANICAL- SOIL AND ROCK	GSB / WMM	Water Absorption (MoRTH Specifications)	IS 2386 Part 4
538	MECHANICAL- SOIL AND ROCK	Kerb Stone	Transverse Strength Range 5 to 50 kN	IS 5758
539	MECHANICAL- SOIL AND ROCK	Plate Load Test	Plate Load Test	IS 1888
540	MECHANICAL- SOIL AND ROCK	Precast Concrete Kerbs	Water Absorption	IS 5758
541	MECHANICAL- SOIL AND ROCK	Rock	Density using Saturation and Caliper Techniques	IS 13030

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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
542	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index	IS 8764
543	MECHANICAL- SOIL AND ROCK	Rock	Porosity using Saturation and Caliper Techniques	IS 13030
544	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
545	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
546	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 Part 16
547	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear - Angle of Shearing Resistance	IS 2720 Part 13
548	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear - Cohesion	IS 2720 Part 13
549	MECHANICAL- SOIL AND ROCK	Soil	Dry Density by Core cutter	IS 2720 Part 29
550	MECHANICAL- SOIL AND ROCK	Soil	Dry Density Test by Sand Replacement	IS 2720 Part 28
551	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 Part 40
552	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (0.075 to 4.75 mm)	IS 2720 Part 4
553	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis by Hydrometer	IS 2720 Part 4
554	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - MDD	IS 2720 Part 8
555	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction- OMC	IS 2720 Part 8
556	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction MDD	IS 2720 Part 7
557	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction OMC	IS 2720 Part 7
558	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 Part 5
559	MECHANICAL- SOIL AND ROCK	Soil	Permeability	IS 2720 Part 17
560	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 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
561	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 Part 6
562	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 Part 3/Sec1
563	MECHANICAL- SOIL AND ROCK	Soil	Standard Penetration Test	IS 2131
564	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720 Part 41
565	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression - Angle of Shearing Resistance	IS 2720 Part 11
566	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression - Cohesion	IS 2720 Part 11
567	MECHANICAL- SOIL AND ROCK	Soil	Water Content by Oven Drying Method	IS 2720 Part 2
568	MECHANICAL- SOIL AND ROCK	Soil & Rock	Plate Load Test	IS 1888
569	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Half Cell Potential Test	Half Cell Potential Test	IS 516 P-5 Sec-2
570	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile Integrity test	Pile Integrity test	IS 14893
571	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Depth Test	IS 516: Part 5 Sec 3
572	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Cover Meter	BS 1881 - 204
573	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 516 Part 5 Sec 4
574	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity	IS 516 (Part 5 / Sec 1)