



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

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

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7016

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Validity

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Last Amended on

17/07/2024

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 Testing				
1	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Air	Ammonia (NH ₃)	CPCB NAAQ Method Volume 1, May :
2	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Air	Lead (Pb)	CPCB NAAQ Method Volume 1 , May :
3	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Air	Nickel (Ni)	CPCB NAAQ Method Volume 1 , May :
4	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide	IS: 5182:PART :6:
5	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Air	Ozone (O ₃)	IS: 5182:PART:9:
6	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Air	PM 2.5	CPCB NAAQS Method volume 1 ,
7	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Air	Respirable Suspended Particulate Matter (PM ₁₀)	IS:5182:PART:23:
8	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO ₂)	IS: 5182:PART:2:
9	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level L 90	IS : 9989:
10	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level L day	IS : 9989:
11	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level L10	IS : 9989:



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12	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level L50	IS: 99898:
13	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level Lnight	IS:9989:
14	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Noise Level	Noise Level Leq	IS: 9989:
15	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Noise Level	Noise Level Lmax	IS:9989:
16	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Noise Level	Noise Level Lmin	IS:9989:
17	CHEMICAL-ATMOSPHERIC POLLUTION	Source Noise Levels	DG Noise Level	IS:4758:
18	CHEMICAL-ATMOSPHERIC POLLUTION	Stack emission	Carbon Monoxide	KDMTL/CH/SOP/19
19	CHEMICAL-ATMOSPHERIC POLLUTION	Stack emission	Oxide of Nitrogen	IS: 11255:PART:7:
20	CHEMICAL-ATMOSPHERIC POLLUTION	Stack emission	Oxygen	KDMTL/CH/SOP/19
21	CHEMICAL-ATMOSPHERIC POLLUTION	Stack emission	Particular Matter (PM)	IS: 11255: PART :1 :
22	CHEMICAL-ATMOSPHERIC POLLUTION	Stack emission	Sulphur Dioxide	IS:11255:PART:2:
23	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS:9103:



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24	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride	IS: 9103:
25	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS:1903:
26	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS:9103:
27	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS: 9103:
28	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Aluminum Oxide	IS: 4032:
29	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Calcium Oxide	IS:4032:
30	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Ferric Oxide	IS: 4032:
31	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Insoluble Residue	IS:4032:
32	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Loss On Ignition	IS:4032:
33	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Magnesium Oxide	IS: 4032:
34	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Potassium Oxide	IS:4032:
35	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Silica	IS:4032:
36	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Sodium Oxide	IS:4032:
37	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Sulphuric Anhydride	IS: 4032:
38	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Total Chloride	IS:4032:
39	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Insoluble Residue	IS:4032:



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40	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Loss On Ignition	IS:4032:
41	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Magnesia	IS:4032:
42	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Potassium Oxide	IS:4032:
43	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Sodium Oxide	IS:4032:
44	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Sulphuric Anhydride	IS:4032:
45	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Total Chloride	IS:4032:
46	CHEMICAL- BUILDING MATERIAL	Curing Compound	Drying time	ASTM C - 309
47	CHEMICAL- BUILDING MATERIAL	Curing Compound	Non Volatile content	ASTM D 2369
48	CHEMICAL- BUILDING MATERIAL	Fine Aggregate / Coarse Aggregate	Sulphate	BS 812:PART:118:
49	CHEMICAL- BUILDING MATERIAL	GROUND GRANULATED BLAST FURNACE SLAG (Alccofine)	Insoluble Residue	IS: 4032:
50	CHEMICAL- BUILDING MATERIAL	GROUND GRANULATED BLAST FURNACE SLAG (Alccofine)	Magnesium Oxide (MgO)	IS: 4032
51	CHEMICAL- BUILDING MATERIAL	GROUND GRANULATED BLAST FURNACE SLAG (Alccofine)	Manganese Oxide (MnO)	IS:4032:
52	CHEMICAL- BUILDING MATERIAL	GROUND GRANULATED BLAST FURNACE SLAG (Alccofine)	Moisture Content	IS:16714:
53	CHEMICAL- BUILDING MATERIAL	GROUND GRANULATED BLAST FURNACE SLAG (Alccofine)	Sulphuric Anhydride	IS: 4032:
54	CHEMICAL- BUILDING MATERIAL	GROUND GRANULATED BLAST FURNACE SLAG (Alccofine)	Total Chloride	IS: 4032:
55	CHEMICAL- BUILDING MATERIAL	GROUND GRANULATED BLAST FURNACE SLAG (Alco fine)	Loss On Ignition	IS: 4032:



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56	CHEMICAL- BUILDING MATERIAL	Micro Silica	Alkalies as Na ₂ O	IS: 4032:
57	CHEMICAL- BUILDING MATERIAL	Micro Silica	Loss On Ignition	IS:1727:
58	CHEMICAL- BUILDING MATERIAL	Micro Silica	Moisture	IS:15388:
59	CHEMICAL- BUILDING MATERIAL	Micro Silica	Silica (SiO ₂)	IS: 1727:
60	CHEMICAL- BUILDING MATERIAL	Pozzolana Material (Fly Ash)	Alumina Oxide	IS:1727:
61	CHEMICAL- BUILDING MATERIAL	Pozzolana Material (Fly Ash)	Calcium Oxide	IS:1727:
62	CHEMICAL- BUILDING MATERIAL	Pozzolana Material (Fly Ash)	Chloride	IS:1727:
63	CHEMICAL- BUILDING MATERIAL	Pozzolana Material (Fly Ash)	Ferric Oxide	IS:1727:
64	CHEMICAL- BUILDING MATERIAL	Pozzolana Material (Fly Ash)	Loss on Ignition	IS:1727:
65	CHEMICAL- BUILDING MATERIAL	Pozzolana Material (Fly Ash)	Magnesia Oxide	IS:1727:
66	CHEMICAL- BUILDING MATERIAL	Pozzolana Material (Fly Ash)	Sulphuric Anhydride	IS:1727:
67	CHEMICAL- BUILDING MATERIAL	Pozzolana Material (Fly Ash)	Silica (SiO ₂)	IS:1727:
68	CHEMICAL- FERTILIZERS	Fertilizer	Sulphate	IS:2720:PART:27
69	CHEMICAL- FERTILIZERS	Fertilizers	Sodium	KDMTL/CH/SOP/13:
70	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metals Coating	Mass Of Zinc Coating	IS:6745:



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71	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metals Coating	Thickness of Anodic Coating	IS:5523:
72	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metals with zinc Coating	Uniformity of zinc coating	IS:2633:
73	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Weld and Welded Test Specimen	Macro Etch	ASME Section :9
74	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Phosphorus	ASTM E -3047:
75	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Iron	ASTM E 1251-
76	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Chromium	ASTM E 1251-
77	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Copper	ASTM E 1251-
78	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Lead	ASTM E 1251-
79	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Magnesium	ASTM E 1251-
80	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Manganese	ASTM E 1251-
81	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Nickel	ASTM E 1251-
82	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Silicon	ASTM E 1251-
83	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Titanium	ASTM E 1251-
84	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Zinc	ASTM E 1251-



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85	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Aluminium	BS EN 15079:
86	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Antimony	BS EN 15079:
87	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Cobalt	BS EN 15079:
88	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Copper	KDMTL/SOP/04
89	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Iron	BS EN 15079:
90	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Lead	BS EN 15079:
91	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Manganese	BS EN 15079:
92	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Nickel	BS EN 15079:
93	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Phosphorus	BS EN 15079:
94	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Silicon	BS EN 15079:
95	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Sulfur	BS EN 15079:
96	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Tin	BS EN 15079:
97	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Zinc	BS EN 15079:
98	CHEMICAL- METALS & ALLOYS	Ferrous Base	Carbon Equivalent	IS: 2062 :
99	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low alloy steel)	Aluminium	ASTM E 415-
100	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Carbon	ASTM E 415:



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101	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Carbon Equivalent (by calculation)	IS:1786:
102	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Chromium	ATSM E 415:
103	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Cobalt	ASTM E 415 :
104	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Copper	ASTM E 415:
105	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Manganese	ASTM E 415:
106	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Molybdenum	ASTM E 415:
107	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Nickel	ASTM E415:
108	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Niobium	ASTM E 415:
109	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Phosphorus	ASTM E 415:
110	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Silicon	ASTM E 415:
111	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Sulphur	ASTM E 415 -
112	CHEMICAL- METALS & ALLOYS	Ferrous Base (Low Alloy Steel)	Vanadium	ASTM E 415-
113	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless steel)	Carbon	ASTM E 1086:
114	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless steel)	Chromium	ASTM E 1086 :
115	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless steel)	Copper	ASTM E 1086 :
116	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless steel)	Manganese	ASTM E 1086 :



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117	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless steel)	Molybdenum	ASTM E 1086 :
118	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless steel)	Nickel	ASTM E 1086 :
119	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless steel)	Phosphorus	ASTM E 1086 :
120	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless steel)	Silicon	ASTM E1086 :
121	CHEMICAL- METALS & ALLOYS	Ferrous Base (Stainless steel)	Sulphur	ASTM E 1086 :
122	CHEMICAL- METALS & ALLOYS	Ferrous Base (Tool steel)	Carbon	KDMTL/SOP/03
123	CHEMICAL- METALS & ALLOYS	Ferrous Base (Tool steel)	Chromium	KDMTL/SOP/03
124	CHEMICAL- METALS & ALLOYS	Ferrous Base (Tool steel)	Cobalt	KDMTL/SOP/03
125	CHEMICAL- METALS & ALLOYS	Ferrous Base (Tool steel)	Manganese	KDMTL/SOP/03
126	CHEMICAL- METALS & ALLOYS	Ferrous Base (Tool steel)	Molybdenum	KDMTL/SOP/03
127	CHEMICAL- METALS & ALLOYS	Ferrous Base (Tool steel)	Phosphorus	KDMTL/SOP/02
128	CHEMICAL- METALS & ALLOYS	Ferrous Base (Tool steel)	Silicon	KDMTL/SOP/03
129	CHEMICAL- METALS & ALLOYS	Ferrous Base (Tool steel)	Vanadium	KDMTL/SOP/03
130	CHEMICAL- METALS & ALLOYS	Lead & lead alloys	Antimony	KDMTL/SOP/01
131	CHEMICAL- METALS & ALLOYS	Lead & lead alloys	Bismuth	KDMTL/SOP/01
132	CHEMICAL- METALS & ALLOYS	Lead & lead alloys	Cadmium	KDMTL/SOP/01



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133	CHEMICAL- METALS & ALLOYS	Lead & lead alloys	Copper	KDMTL/SOP/01
134	CHEMICAL- METALS & ALLOYS	Lead & lead alloys	Silver	KDMTL/SOP/01
135	CHEMICAL- METALS & ALLOYS	Lead & lead alloys	Tellurium	KDMTL/SOP/01
136	CHEMICAL- METALS & ALLOYS	Lead & lead alloys	Tin	KDMTL/SOP/01
137	CHEMICAL- METALS & ALLOYS	Lead & lead alloys	Zinc	KDMTL/SOP/01
138	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Carbon	ASTM E - 3047:
139	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	ASTM E - 3047:
140	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	ASTM E -3047:
141	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese	ASTM E -3047:
142	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon	ASTM E -3047 :
143	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Sulfur	ASTM E -3047 :
144	CHEMICAL- METALS & ALLOYS	Tin and tin alloy	Nickel	KDMTL/SOP/02
145	CHEMICAL- METALS & ALLOYS	Tin and tin alloy	Antimony	ASTM E -3047 :
146	CHEMICAL- METALS & ALLOYS	Tin and tin alloy	Bismuth	KDMTL/SOP/02
147	CHEMICAL- METALS & ALLOYS	Tin and tin alloy	Cadmium	KDMTL/SOP/02
148	CHEMICAL- METALS & ALLOYS	Tin and tin alloy	Copper	KDMTL/SOP/ 02



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149	CHEMICAL- METALS & ALLOYS	Tin and tin alloy	Indium	KDMTL/SOP/02
150	CHEMICAL- METALS & ALLOYS	Tin and tin alloy	Iron	KDMTL/SOP/02
151	CHEMICAL- METALS & ALLOYS	Tin and tin alloy	Lead	KDMTL/SOP/02
152	CHEMICAL- METALS & ALLOYS	Tin and tin alloy	Silver	KDMTL/SOP/02
153	CHEMICAL- METALS & ALLOYS	Zinc and zinc alloy	Aluminium	ISO: 3815-1 (E) :
154	CHEMICAL- METALS & ALLOYS	Zinc and zinc alloy	Cadmium	ISO: 3815-1 (E) :
155	CHEMICAL- METALS & ALLOYS	Zinc and zinc alloy	Copper	ISO: 3815-1 (E) :
156	CHEMICAL- METALS & ALLOYS	Zinc and zinc alloy	Iron	ISO: 3815-1 (E) :
157	CHEMICAL- METALS & ALLOYS	Zinc and zinc alloy	Lead	ISO: 3815-1 (E) :
158	CHEMICAL- METALS & ALLOYS	Zinc and zinc alloy	Tin	ISO: 3815-1 (E) :
159	CHEMICAL- POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Acidity	IS:3025:PART:22:
160	CHEMICAL- POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Alkalinity	IS:3025:PART:23:
161	CHEMICAL- POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Ammonical Nitrogen	IS:3025:PART:34:
162	CHEMICAL- POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Biochemical Oxygen Demand	IS:3025PART:44:



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163	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Calcium	IS:3025:PART:40:
164	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Chemical Oxygen Demand	IS:3025:PART:58:
165	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Chloride	IS:3025:PART:32:
166	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Conductivity	IS : 3025:PART:14:
167	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Dissolved Solid	IS: 3025:PART:
168	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Nitrate , nitrogen (as NO3)	IS:3025:PART:34:
169	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Nitrite , Nitrogen (as NO2)	IS:3025:PART:34:
170	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Odour	IS:3025:PART:5:
171	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Oil & Grease	IS: 3025:PART:39
172	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	pH	IS: 3025:PART:11
173	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Phosphorus	IS:3025:PART: 31,SEC1:
174	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Sulphate	IS: 3025:PART:24 SECC1



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175	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Total Dissolved Solid Dried at 103-105 degree	IS:3025:PART:16:
176	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Total Hardness	IS:3025:PART:21:
177	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Total Nitrogen	IS:3025:PART:34:
178	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Total Residue (Total Solid Dissolved and Suspended)	IS:3025:PART:15:
179	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Total Suspended Solids Dried at 103-105 degree	IS:3025:PART:17:
180	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Turbidity	IS:3025:PART:10:
181	CHEMICAL-POLLUTION & ENVIRONMENT	ETP,STP, Waste Water Effluents/Sewage	Volatile And Fixed And Solids at 550 °C	IS:3025:PART:18:
182	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Available Nitrogen	KDMTL/CH/SOP/12
183	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Available Phosphorus	KDMTL/CH/SOP/11
184	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Available Potassium	KDMTL/CH/SOP/14
185	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Cation Exchange Capacity	KDMTL/CH/SOP/17
186	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Chloride	KDMTL/CH/SOP/16



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187	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Chromium	USEPA 3050 B
188	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Copper	USEPA 3050 B
189	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Exchangeable Calcium	KDMTL/CH/SOP/15
190	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Iron	USEPA 3050 B
191	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Lead	USEPA 3050 B
192	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Magnesium	USEPA 3050 B
193	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Manganese	USEPA 3050 B
194	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Molybdenum	USEPA 3050 B
195	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Nickel	USEPA 3050 B
196	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Organic Matter	IS:2720:PART :22:
197	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	pH	IS:2720:PART:26:
198	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Sodium	KDMTL/CH/SOP/13



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199	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Sodium Absorption Ratio	IS:11624
200	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Specific Conductance	IS: 14767:
201	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Sulphate	IS:2720:PART:27:
202	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Total Kjeldhal Nitrogen	IS:14684:
203	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Water Content	IS : 2720:PART:2:
204	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Zinc	USEPA 3050 B
205	CHEMICAL-POLLUTION & ENVIRONMENT	Solid waste	Bulk Density	IS:16556:
206	CHEMICAL-POLLUTION & ENVIRONMENT	Solid waste	C:N Ratio	IS:16556:
207	CHEMICAL-POLLUTION & ENVIRONMENT	Solid Waste	Conductivity	IS: 16556:
208	CHEMICAL-POLLUTION & ENVIRONMENT	Solid Waste	Moisture Content	IS:16556:
209	CHEMICAL-POLLUTION & ENVIRONMENT	Solid Waste	pH	IS: 16556:



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210	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Sum of Total nitrogen as N , Total Phosphorus as (P2O5), Total Potassium (K2O)	IS:16556:
211	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Total Nitrogen	IS:16556:
212	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Total Organic Carbon	IS:16556:
213	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Total phosphorus	IS: 16556:
214	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Total Potassium (K2O)	IS:16556:
215	CHEMICAL- POLLUTION & ENVIRONMENT	STP, ETP, Waste water sewage / effluents	Color	IS:3025:PART :4:
216	CHEMICAL- POLLUTION & ENVIRONMENT	TP,STP, Waste Water Effluents/Sewage	Chemical Oxygen Demand	IS:3025:PART:58:
217	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water / Drinking Water / Raw Water / Bore Well Water	Aluminum (as Al)	APHA 24th EDITION 3120 B
218	CHEMICAL- RESIDUES IN WATER	Packaged drinking water / Drinking water / Raw water / Bore well water	Barium (as Ba)	APHA 24th EDITION 3120 B
219	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water / Drinking Water / Raw Water / Bore Well Water	Cadmium (as Cd)	APHA 24th EDITION 3120 B
220	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water / Drinking Water / Raw Water / Bore Well Water	Chromium (as Cr)	APHA 24th EDITION 3120 B
221	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water / Drinking Water / Raw Water / Bore Well Water	Copper (as Cu)	APHA 24th EDITION 3120 B
222	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water / Drinking Water / Raw Water / Bore Well Water	Iron (as Fe)	APHA 24th EDITION 3120 B



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223	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water / Drinking Water / Raw Water / Bore Well Water	Lead (as Pb)	APHA 24th EDITION 3120 B
224	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water / Drinking Water / Raw Water / Bore Well Water	Magnesium (as Mg)	IS: 3025 PART 46
225	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water / Drinking Water / Raw Water / Bore Well Water	Manganese (as Mn)	APHA 24th EDITION 3120 B
226	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water / Drinking Water / Raw Water / Bore Well Water	Nickel (as Ni)	APHA 24th EDITION 3120 B
227	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water / Drinking Water / Raw Water / Bore Well Water	Silver (as Ag)	APHA 24th EDITION 3120 B
228	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water / Drinking Water / Raw Water / Bore Well Water	Sodium (as Na)	IS:3025 PART 45:
229	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water / Drinking Water / Raw Water / Bore Well Water	Zinc (as Zn)	APHA 24th EDITION 3120 B
230	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Chloride	KDMTL/CH/SOP/16:
231	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Nitrogen	KDMTL/CH/SOP/12:
232	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Organic Matter	IS:2720:PART:22:
233	CHEMICAL- SOIL AND ROCK	Agriculture Soil	pH	IS:2720:PART:26:
234	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Phosphorus	KDMTL/CH/SOP/11:
235	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Potassium	KDMTL/CH/SOP/14:
236	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Sodium	KDMTL/CH/SOP/13:
237	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Specific Conductance	IS:14767:
238	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Sulphate	IS:2720:PART:27:



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239	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonate	IS:2720:PART:23:
240	CHEMICAL- SOIL AND ROCK	Soil	Electrical Conductivity	IS:2720:PART:21:
241	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS:2720:PART:22:
242	CHEMICAL- SOIL AND ROCK	Soil	pH	IS:2720:PART:26:
243	CHEMICAL- SOIL AND ROCK	Soil	Sulphate	IS:2720:PART:27:
244	CHEMICAL- SOLID FUELS	Coal	Ash content	IS:1350:PART:1:
245	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value (in different basis)	IS:1350:PART:2:
246	CHEMICAL- SOLID FUELS	Coal	Moisture	IS:1350PART1:
247	CHEMICAL- SOLID FUELS	Coal	Nitrogen	IS:1350:PART:4:SEC 2:
248	CHEMICAL- SOLID FUELS	Coal	Total Sulphur	IS:1350:PART:3:
249	CHEMICAL- SOLID FUELS	Coal	Volatile matter	IS:1350:PART:1:
250	CHEMICAL- WATER	Bore well water	Color	IS: 3025: PART :4:
251	CHEMICAL- WATER	Borewell Water	Alkalinity	IS:3025 PART:23:
252	CHEMICAL- WATER	Borewell Water	Calcium	IS: 3025 PART :40:
253	CHEMICAL- WATER	Borewell Water	Chloride	IS:3025 PART :32:
254	CHEMICAL- WATER	Borewell Water	Fluoride	IS:3025 PART :60:
255	CHEMICAL- WATER	Borewell Water	Nitrate	IS:3025 PART:34:
256	CHEMICAL- WATER	Borewell Water	Odour	IS:3025 : PART : 5 :
257	CHEMICAL- WATER	Borewell Water	pH	IS: 3025 PART:11:
258	CHEMICAL- WATER	Borewell Water	Residual Free Chlorine	IS: 3025 PART : 26



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259	CHEMICAL- WATER	Borewell Water	Sulphate	IS:3025 PART:24 SEC1:
260	CHEMICAL- WATER	Borewell Water	Sulphide	IS:3025 PART : 29:
261	CHEMICAL- WATER	Borewell Water	Total Dissolved Solid	IS: 3025 PART: 16:
262	CHEMICAL- WATER	Borewell Water	Turbidity	IS: 3025 P;ART : 10:
263	CHEMICAL- WATER	Drinking Water	Alkalinity	IS:3025 PART : 23:
264	CHEMICAL- WATER	Drinking Water	Calcium	IS: 3025 PART :40:
265	CHEMICAL- WATER	Drinking Water	Chloride	IS:3025 PART :32:
266	CHEMICAL- WATER	Drinking Water	Color	IS:3025 PART 4:
267	CHEMICAL- WATER	Drinking Water	Fluoride	IS:3025 PART 60:
268	CHEMICAL- WATER	Drinking Water	Mineral Oil	IS:3025 PART:39
269	CHEMICAL- WATER	Drinking Water	Nitrate	IS: 3025 PART 34:
270	CHEMICAL- WATER	Drinking Water	Odour	IS: 3025 PART 5
271	CHEMICAL- WATER	Drinking Water	pH	IS: 3025 PART:11
272	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS:3025 PART :26:
273	CHEMICAL- WATER	Drinking Water	Sulphate	IS:3025 PART :24: SEC 1:
274	CHEMICAL- WATER	Drinking Water	Sulphide	IS:3025 PART :29:
275	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	IS: 3025 PART 16:
276	CHEMICAL- WATER	Drinking Water	Total Hardness	IS: 3025 PART:21:
277	CHEMICAL- WATER	Drinking Water	Turbidity	IS:3025 PART : 10:
278	CHEMICAL- WATER	Packaged Drinking Water	Alkalinity	IS:3025:PART 23:
279	CHEMICAL- WATER	Packaged Drinking Water	Calcium	IS: 3025 PART : 40:
280	CHEMICAL- WATER	Packaged Drinking Water	Chloride	IS: 3025 Part 32:
281	CHEMICAL- WATER	Packaged Drinking Water	Color	IS 3025 Part IV:
282	CHEMICAL- WATER	Packaged Drinking Water	Fluoride	IS:3025 Part: 60:
283	CHEMICAL- WATER	Packaged Drinking Water	Mineral Oil	IS: 3025 PART :39
284	CHEMICAL- WATER	Packaged Drinking Water	Nitrate	IS:3025 PART: 34:
285	CHEMICAL- WATER	Packaged Drinking Water	Nitrite	IS:3025 Part :34:



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286	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS:3025 PART :5
287	CHEMICAL- WATER	Packaged Drinking Water	pH	IS: 3025 Part : 11:
288	CHEMICAL- WATER	Packaged Drinking Water	Residual free chlorine	IS:3025 PART : 26
289	CHEMICAL- WATER	Packaged Drinking Water	Sulphate	IS:3025 : PART :24 SEC 1
290	CHEMICAL- WATER	Packaged Drinking Water	Sulphide	IS:3025 PART: 29:
291	CHEMICAL- WATER	Packaged Drinking Water	Total dissolved solid	IS: 3025 Part :16:
292	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 Part X
293	CHEMICAL- WATER	Surface Water	Alkalinity	IS:3025:PART:23:
294	CHEMICAL- WATER	Surface Water	Calcium	IS:3025:PART:40:
295	CHEMICAL- WATER	Surface Water	Chloride	IS: 3025: PART: 32:
296	CHEMICAL- WATER	Surface Water	Color	IS:3025: PART:4:
297	CHEMICAL- WATER	Surface Water	Fluoride	IS:3025:PART:60:
298	CHEMICAL- WATER	Surface Water	Nitrate	IS:3025:PART :34:
299	CHEMICAL- WATER	Surface Water	Odour	IS:3025: PART:5
300	CHEMICAL- WATER	Surface Water	pH	IS: 3025: PART:11:
301	CHEMICAL- WATER	Surface Water	Residual Free Chlorine	IS 3025: PART :26
302	CHEMICAL- WATER	Surface Water	Sulphate	IS: 3025:PART:24:SEC1:
303	CHEMICAL- WATER	Surface Water	Sulphide	IS:3025:PART:29:
304	CHEMICAL- WATER	Surface Water	Total Dissolved Solid	IS: 3025:PART:16:
305	CHEMICAL- WATER	Surface Water	Total Hardness	IS:3025:PART:21:
306	CHEMICAL- WATER	Surface Water	Turbidity	IS:3025:PART:
307	CHEMICAL- WATER	Water for construction purpose	Acidity (neutralize 100ml sample of water using 0.02 N NaOH	IS:456:
308	CHEMICAL- WATER	Water for construction purpose	Alkalinity (neutralize 100ml sample of water using 0.02 H2SO4	IS:456:
309	CHEMICAL- WATER	Water for construction purpose	Chloride	IS:3025:PART:32
310	CHEMICAL- WATER	Water for construction purpose	Inorganic Solid	IS:3025:PART:18:



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311	CHEMICAL- WATER	Water for construction purpose	Organic Solid	IS:3025:PART:18:
312	CHEMICAL- WATER	Water for construction purpose	pH	IS:3025:PART:11:
313	CHEMICAL- WATER	Water for construction purpose	Sulphate	IS:3025:PART:24:SEC 1:
314	CHEMICAL- WATER	Water for construction purpose	Suspended Solids	IS:3025:PART:17:
315	CHEMICAL- WATER	Water For Swimming Pool	Alkalinity	IS:3025:PART:23:
316	CHEMICAL- WATER	Water For Swimming Pool	Chloride	IS:3025: PART:32:
317	CHEMICAL- WATER	Water for Swimming Pool	Color	IS: 3025: PART:4
318	CHEMICAL- WATER	Water for Swimming Pool	Odor	IS:3025: PART : 5:
319	CHEMICAL- WATER	Water For Swimming Pool	pH	IS:3025 : PART:11:
320	CHEMICAL- WATER	Water For Swimming Pool	Residual Free Chlorine	IS:3025: PART:26
321	CHEMICAL- WATER	Water For Swimming Pool	Total Dissolved Solid	IS:3025 : PART :16:
322	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	IS:3025 PART:10 :
323	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Block Density	IS:6441 PART:1
324	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Compressive Strength	IS:6441 PART:5
325	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Dimension - Length	IS:2185:PART:3
326	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Dimension - Thickness	IS:2185:PART:3
327	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Dimension - Width	IS:2185 PART:3
328	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Drying Shrinkage	IS:6441:PART:2



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329	MECHANICAL-BUILDINGS MATERIALS	Ballast	Bulk density and voids	IS:2386:PART:3
330	MECHANICAL-BUILDINGS MATERIALS	Ballast	Impact Value	IS:2386 PART:4
331	MECHANICAL-BUILDINGS MATERIALS	Ballast	Los Angeles abrasion value	IS:2386 PART:4
332	MECHANICAL-BUILDINGS MATERIALS	Ballast	Sieve Analysis (125mm to 0.075 mm)	IS:2386 PART:1
333	MECHANICAL-BUILDINGS MATERIALS	Bitumen Mix	Abrasion value	IS:2386:PART:4
334	MECHANICAL-BUILDINGS MATERIALS	Bitumen Mix	Binder Content	IRC SP 11:
335	MECHANICAL-BUILDINGS MATERIALS	Bitumen Mix	Density	ASTM D 2726:
336	MECHANICAL-BUILDINGS MATERIALS	Bitumen Mix	Gradation (MORTH specification)	IS:2386:PART:1
337	MECHANICAL-BUILDINGS MATERIALS	Bitumen Mix	Impact Value (MORTH specification)	IS:2386:PART:4
338	MECHANICAL-BUILDINGS MATERIALS	Bitumen Mix	Marshal stability	ASTM D 6927 :
339	MECHANICAL-BUILDINGS MATERIALS	Bitumen Mix	Marshall flow	ASTM D 6927:
340	MECHANICAL-BUILDINGS MATERIALS	Bitumen Mix	Stripping Value	IS:6241:1971



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341	MECHANICAL-BUILDINGS MATERIALS	Bitumen Mix	Water Absorption	IS:2386:PART:3
342	MECHANICAL-BUILDINGS MATERIALS	Bitumen of Emulsion	Coagulation Of Emulsion At Low Temperature	IS:8887:
343	MECHANICAL-BUILDINGS MATERIALS	Bitumen of Emulsion	Coating Ability And Water Resistance (a :coating , dry aggregate b: coating after spraying c:coating wet aggregate d: coating after spraying	IS:8887:
344	MECHANICAL-BUILDINGS MATERIALS	Bitumen of Emulsion	Miscibility With Water	IS:8887:
345	MECHANICAL-BUILDINGS MATERIALS	Bitumen of Emulsion	Residue on 600 micron IS sieve	IS:8887:
346	MECHANICAL-BUILDINGS MATERIALS	Bitumen of Emulsion	Stability to Mixing With Cement	IS: 8887:
347	MECHANICAL-BUILDINGS MATERIALS	Bitumen of Emulsion	Storage Stability after 24 Hrs.	IS: 8887:
348	MECHANICAL-BUILDINGS MATERIALS	Bitumen of Emulsion	Test on Residue - Ductility	IS:1208:part:1
349	MECHANICAL-BUILDINGS MATERIALS	Bitumen of Emulsion	Test on Residue - Penetration	IS:1203:
350	MECHANICAL-BUILDINGS MATERIALS	Bitumen of Emulsion	Test on Residue - Solubility In Trichloroethylene	IS:1216
351	MECHANICAL-BUILDINGS MATERIALS	Bitumen of Emulsion	Test on Residue By Evaporation	IS:8887:



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352	MECHANICAL-BUILDINGS MATERIALS	Block Board	Adhesion	IS:1659
353	MECHANICAL-BUILDINGS MATERIALS	Block Board	Density	IS:1659
354	MECHANICAL-BUILDINGS MATERIALS	Block Board	Dimension - Length	IS: 1659
355	MECHANICAL-BUILDINGS MATERIALS	Block Board	Dimension - Thickness	IS: 1659
356	MECHANICAL-BUILDINGS MATERIALS	Block Board	Dimension - Width	IS:1659
357	MECHANICAL-BUILDINGS MATERIALS	Block Board	Modulus of Elasticity	IS:1659
358	MECHANICAL-BUILDINGS MATERIALS	Block Board	Modulus of Rupture	IS:1659
359	MECHANICAL-BUILDINGS MATERIALS	Block Board	Mycological Test	IS:1659
360	MECHANICAL-BUILDINGS MATERIALS	Block Board	Resistance Test	IS:1659
361	MECHANICAL-BUILDINGS MATERIALS	Block Board	Spot Test	IS: 1659
362	MECHANICAL-BUILDINGS MATERIALS	Block Board	Squareness	IS:1659
363	MECHANICAL-BUILDINGS MATERIALS	Block Board	Straightness	IS:1659



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364	MECHANICAL-BUILDINGS MATERIALS	Building Bricks	Compressive Strength	IS: 3495:PART:1:
365	MECHANICAL-BUILDINGS MATERIALS	Building Bricks	Dimension - Height	IS:13757
366	MECHANICAL-BUILDINGS MATERIALS	Building Bricks	Dimension - Length	IS: 13757
367	MECHANICAL-BUILDINGS MATERIALS	Building Bricks	Dimension - Width	IS: 13757
368	MECHANICAL-BUILDINGS MATERIALS	Building Bricks	Water Absorption	IS: 3495:PART:2:
369	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (width)	IS:1077
370	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension- Height	IS: 1077
371	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension Length	IS: 1077
372	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Building Bricks	Efflorescence	IS:3495:PART:3
373	MECHANICAL-BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension & Surface Regulatory -Flatness	IS: 1237
374	MECHANICAL-BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension & Surface Regulatory - Perpendicularity	IS:1237:
375	MECHANICAL-BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension & Surface Regulatory -Straightness	IS:1237



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376	MECHANICAL-BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Resistance to wear	IS:1237
377	MECHANICAL-BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS:1237
378	MECHANICAL-BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Wet Transverse Strength	IS:1237
379	MECHANICAL-BUILDINGS MATERIALS	Ceramic tiles / Vitrified tiles	Breaking Strength	IS: 13630:PART:6:
380	MECHANICAL-BUILDINGS MATERIALS	Ceramic tiles /Vitrified tiles	Chemical Resistance	IS:13630:PART:8:
381	MECHANICAL-BUILDINGS MATERIALS	Ceramic tiles /Vitrified tiles	Crazing Resistance	IS:13630:PART:9:
382	MECHANICAL-BUILDINGS MATERIALS	Ceramic tiles /Vitrified tiles	Dimension - Length	IS:13630:PART:1:
383	MECHANICAL-BUILDINGS MATERIALS	Ceramic tiles /Vitrified tiles	Dimension - Thickness	IS:13630:PART:1:
384	MECHANICAL-BUILDINGS MATERIALS	Ceramic tiles /Vitrified tiles	Dimension - Width	IS:13630:PART:1:
385	MECHANICAL-BUILDINGS MATERIALS	Ceramic tiles /Vitrified tiles	Modulus of Rupture	IS:13630:PART:6:
386	MECHANICAL-BUILDINGS MATERIALS	Ceramic tiles /Vitrified tiles	Resistance Of Thermal Shock	IS:13630:PART:5:
387	MECHANICAL-BUILDINGS MATERIALS	Ceramic tiles /Vitrified tiles	Scratch Hardness	IS: 13630:PART:13:



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388	MECHANICAL-BUILDINGS MATERIALS	Ceramic tiles /Vitrified tiles	Surface Quality	IS:13630:PART:1:
389	MECHANICAL-BUILDINGS MATERIALS	Ceramic tiles /Vitrified tiles	Water Absorption	IS:13630:PART:2:
390	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS: 2386 PART:4
391	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Rodded or compacted)	IS:2386 PART:3
392	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose)	IS: 2386 PART:3
393	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS: 2386 PART:4
394	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS: 2386 PART:1
395	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS:2386 PART:1
396	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS: 2386 PART:4
397	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion Value	IS: 2386 PART:4
398	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (2.36 mm to 80 mm)	IS: 2386 PART:1
399	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Soundness by Na ₂ SO ₄	IS:2386 PART:5



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400	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Soundness By MgSO4	IS:2386 PART:5
401	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS: 2386 PART:3
402	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Total Deleterious Material	IS: 2386 PART:1 & 2
403	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS: 2386 PART:3
404	MECHANICAL-BUILDINGS MATERIALS	Door Shutter	End emerssion	IS:4020:PART:13
405	MECHANICAL-BUILDINGS MATERIALS	Door Shutter	Glue Adhesion	IS:4020:PART:13
406	MECHANICAL-BUILDINGS MATERIALS	Door Shutter	Knife test	IS:4020:PART:14
407	MECHANICAL-BUILDINGS MATERIALS	Door shutter	Thickness	IS:4020 Part:2
408	MECHANICAL-BUILDINGS MATERIALS	Door shutter	Width	IS:4020:Part:2
409	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Alkali aggregate reaction by accelerated mortar bar method	IS: 2386:PART:7
410	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Rodded or compacted)	IS:2386 PART:3
411	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose)	IS:2386 PART:3



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412	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS:2386 PART:2
413	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (0.150 mm to 10 mm)	IS: 2386 PART:1
414	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Slit Content	CPWD Specification Volume 1:
415	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Soundness By MgSO4	IS:2386 PART:5
416	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Soundness by Na2SO4	IS:2386 PART:5
417	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS:2386 PART:3
418	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Total Deleterious Material	IS:2386 PART:1 & 2
419	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS:2386 PART:3
420	MECHANICAL-BUILDINGS MATERIALS	Flush Door	Length	IS:4020:part:2
421	MECHANICAL-BUILDINGS MATERIALS	Fly ash	Compressive Strength	IS:1727
422	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Fineness By Blaine's Permeability	IS: 1727
423	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Lime Reactivity	IS:1727



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424	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Residue on 45micron IS Sieve	IS:1727
425	MECHANICAL-BUILDINGS MATERIALS	Fly ash	Soundness By Autoclave expansion	IS:1727
426	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS: 1727
427	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength of Cores	IS:516:PART:4:
428	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Compressive strength of Cubes	IS:516:PART:1:SEC:1
429	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Cube Compressive Strength (By Accelerated Curing)	IS: 9013
430	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Density	IS:516:PART:2:SEC,1:
431	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Depth of Water Penetration Under Pressure	IS:516:PART:2:SEC,1:
432	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Flexural Strength	IS:516:PART:1:SEC,1:
433	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	RCPT (rapid chloride permeability test)	ASTM C 1202:
434	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Split Tensile Strength	IS:516:PART:1:SEC,1:
435	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Water Absorption	BS 1881: 122:



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436	MECHANICAL-BUILDINGS MATERIALS	High strength deformed reinforcement coupler	Slip test	IS:16172
437	MECHANICAL-BUILDINGS MATERIALS	High strength deformed reinforcement coupler	Tensile strength	IS:16172
438	MECHANICAL-BUILDINGS MATERIALS	High strength deformed reinforcement coupler	Total Elongation %	IS:16172
439	MECHANICAL-BUILDINGS MATERIALS	High strength deformed reinforcement steel/ Reinforcement steel	Yield stress	ASTM A 370 :
440	MECHANICAL-BUILDINGS MATERIALS	High strength deformed reinforcement steel/ Reinforcement steel	Yield stress	IS:1608:PART:1:
441	MECHANICAL-BUILDINGS MATERIALS	High strength deformed reinforcement steel/ Reinforcement steel	% of Elongation	ASTM A 370 :
442	MECHANICAL-BUILDINGS MATERIALS	High strength deformed reinforcement steel/ Reinforcement steel	Bend test (8 10 12 15 16 18 20 24 25 28 30 32 35 36 40 42 48 50 56 60 64 70 72 75 80 84 96 100 108 112 120 125 128 140 144 150 160 168 175 180 192 196 200 216 224 225 240 252 256 280 288 300 320 324 360)	IS:1599:
443	MECHANICAL-BUILDINGS MATERIALS	High strength deformed reinforcement steel/ reinforcement steel	Elongation %	IS:1608:PART:1:



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444	MECHANICAL-BUILDINGS MATERIALS	High strength deformed reinforcement steel/ Reinforcement steel	Rebend (8 10 12 15 16 18 20 24 25 28 30 32 35 36 40 42 48 50 56 60 64 70 72 75 80 84 96 100 108 112 120 125 128 140 144 150 160 168 175 180 192 196 200 216 224 225 240 252 256 280 288 300 320 324 360)	IS:1786
445	MECHANICAL-BUILDINGS MATERIALS	High strength deformed reinforcement steel/ Reinforcement steel	Rib area by dimension measurement	IS:1786
446	MECHANICAL-BUILDINGS MATERIALS	High strength deformed reinforcement steel/ Reinforcement steel	Ultimate tensile strength	ASTM A 370 :
447	MECHANICAL-BUILDINGS MATERIALS	High strength deformed reinforcement steel/ Reinforcement steel	Ultimate tensile strength	IS:1608:PART:1:
448	MECHANICAL-BUILDINGS MATERIALS	High strength deformed reinforcement steel/ Reinforcement steel	Weight per meter	IS:1786
449	MECHANICAL-BUILDINGS MATERIALS	High Strength deformed reinforcement steel/reinforcement steel	0.2% Proof Stress	ASTM A 370
450	MECHANICAL-BUILDINGS MATERIALS	High Strength deformed reinforcement steel/reinforcement steel	0.2% Proof Stress	IS 1608: PART-1
451	MECHANICAL-BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Block Density	IS:2185:PART:1
452	MECHANICAL-BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Compressive Strength	IS:2185:PART:1
453	MECHANICAL-BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension - Height	IS:2185:PART:1



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454	MECHANICAL-BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension - Length	IS: 2185:PART:1
455	MECHANICAL-BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension - Width	IS: 2185:PART:1
456	MECHANICAL-BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Drying Shrinkage	IS: 2185 (PART-1)
457	MECHANICAL-BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Water Absorption	IS: 2185:PART:1
458	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement (OPC)	Density	IS:4031:PART:11:
459	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement (OPC)	Compressive Strength	IS: 4031:PART:6:
460	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement (OPC)	Drying Shrinkage	IS:4031:PART10:
461	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement (OPC)	Final Setting Time	IS:4031:PART:5:
462	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement (OPC)	Fineness By Blane's - Air Permeability	IS:4031:PART:2:
463	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement (OPC)	Fineness By Dry Sieving	IS:4031:PART:1
464	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement (OPC)	Initial Setting Time	IS: 4031:PART:5:
465	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement (OPC)	Soundness By Autoclave Method	IS: 4031:PART:3:



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466	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement (OPC)	Soundness By Le-chatelier's Method	IS:4031:PART:3:
467	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement (OPC)	Standard Consistency	IS:4031:part:4:
468	MECHANICAL-BUILDINGS MATERIALS	Particle Board / pre laminated particle/ medium density fiber board	Crack Resistance	IS: 12823
469	MECHANICAL-BUILDINGS MATERIALS	Particle Board / pre laminated particle/ medium density fiber board	Density	IS:2380 PART:3
470	MECHANICAL-BUILDINGS MATERIALS	Particle Board / pre laminated particle/ medium density fiber board	Moisture Content	IS: 2380 PART:3
471	MECHANICAL-BUILDINGS MATERIALS	Particle Board / pre laminated particle/ medium density fiber board	Resistance to Cigarette burn	IS:12823
472	MECHANICAL-BUILDINGS MATERIALS	Particle Board / pre laminated particle/ medium density fiber board	Resistance to Steam	IS: 12823:
473	MECHANICAL-BUILDINGS MATERIALS	Particle Board / pre laminated particle/ medium density fiber board	Screw Withdrawal Strength	IS: 2380:PART:14:
474	MECHANICAL-BUILDINGS MATERIALS	Particle Board / pre laminated particle/ medium density fiber board	Swelling In Water	IS: 2380:PART:17:
475	MECHANICAL-BUILDINGS MATERIALS	Particle Board / pre laminated particle/ medium density fiber board	Tensile Strength Perpendicular To The Surface	IS:2380:PART:5:
476	MECHANICAL-BUILDINGS MATERIALS	Particle Board / pre laminated particle/ medium density fiber board	Water Absorption	IS: 2380 PART:16
477	MECHANICAL-BUILDINGS MATERIALS	Paving Bitumen	Absolute Viscosity	IS:1206:PART:2:



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478	MECHANICAL-BUILDINGS MATERIALS	Paving Bitumen	Ductility	IS:1208:part:1 :
479	MECHANICAL-BUILDINGS MATERIALS	Paving Bitumen	Fire Point	IS:1209:
480	MECHANICAL-BUILDINGS MATERIALS	Paving Bitumen	Flash Point	IS:1209:
481	MECHANICAL-BUILDINGS MATERIALS	Paving Bitumen	Kinematic Viscosity	IS:1206:PART:3:
482	MECHANICAL-BUILDINGS MATERIALS	Paving Bitumen	Penetration at 25°C	IS:1203:
483	MECHANICAL-BUILDINGS MATERIALS	Paving Bitumen	Softening Point	IS:1205:
484	MECHANICAL-BUILDINGS MATERIALS	Paving Bitumen	Specific Gravity	IS:1202:
485	MECHANICAL-BUILDINGS MATERIALS	Plywood (1 to 20 in 1 Volume)	Adhesion Of Ply	IS:1734:PART:5
486	MECHANICAL-BUILDINGS MATERIALS	Plywood (1 to 20 in 1 Volume)	Density	IS: 1734:PART:1
487	MECHANICAL-BUILDINGS MATERIALS	Plywood (1 to 20 in 1 Volume)	Glue Shear Strength	IS: 1734:PART:4
488	MECHANICAL-BUILDINGS MATERIALS	Plywood (1 to 20 in 1 Volume)	Modulus of Elasticity	IS:1734 PART:11
489	MECHANICAL-BUILDINGS MATERIALS	Plywood (1 to 20 in 1 Volume)	Modulus of Rupture (along direction / across direction)	IS:1734 PART:11



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490	MECHANICAL-BUILDINGS MATERIALS	Plywood (1 to 20 in 1 Volume)	Moisture Content	IS:1734 PART:1
491	MECHANICAL-BUILDINGS MATERIALS	Plywood (1 to 20 in 1 Volume)	Mycological Test	IS:1734 PART:7
492	MECHANICAL-BUILDINGS MATERIALS	Plywood (1 to 20 in 1 Volume)	Tensile Strength	IS:1734 PART:9
493	MECHANICAL-BUILDINGS MATERIALS	Plywood (1 to 20 in 1 Volume)	Water Resistance	IS:1734 PART:6
494	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Compressive Strength	IS:4031:PART:6:
495	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Density	IS:4031:PART:11:
496	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Drying Shrinkage	IS:4031:PART:10:
497	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Final Setting Time	IS:4031:PART:5:
498	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Fineness By Blane's Air Permeability	IS:4031:PART:2:
499	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Fineness By Dry Sieving	IS:4031:PART:1:
500	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Initial Setting Time	IS:4031:PART:5:
501	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Soundness By Autoclave Method	IS:4031:PART:3:



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502	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Soundness By Le chatelier's Method	IS:4031:PART:3:
503	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Standard Consistency	IS:4031:PART:4
504	MECHANICAL-BUILDINGS MATERIALS	Precast Concrete Paving Block	Abrasion Resistance	IS: 15658:
505	MECHANICAL-BUILDINGS MATERIALS	Precast Concrete Paving Block	Compressive Strength	IS:15658:
506	MECHANICAL-BUILDINGS MATERIALS	Precast Concrete Paving Block	Dimension - Length	IS:15658:
507	MECHANICAL-BUILDINGS MATERIALS	Precast Concrete Paving Block	Dimension - Thickness	IS:15658:
508	MECHANICAL-BUILDINGS MATERIALS	Precast Concrete Paving Block	Dimension - Width	IS:15658:
509	MECHANICAL-BUILDINGS MATERIALS	Precast Concrete Paving Block	Flexural Strength	IS:15658:
510	MECHANICAL-BUILDINGS MATERIALS	Precast Concrete Paving Block	Freeze Thaw Durability	IS:15658:
511	MECHANICAL-BUILDINGS MATERIALS	Precast Concrete Paving Block	Tensile Splitting Strength	IS: 15658:
512	MECHANICAL-BUILDINGS MATERIALS	Precast Concrete Paving Block	Thickness Of Wearing Layer	IS:15658:
513	MECHANICAL-BUILDINGS MATERIALS	Precast Concrete Paving Block	Water Absorption	IS:15658:



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514	MECHANICAL-BUILDINGS MATERIALS	Reinforcement - Steel	Total Elongation	IS:1608:PART:1:
515	MECHANICAL-BUILDINGS MATERIALS	Silica Fume	Specific Gravity	IS:1727
516	MECHANICAL-BUILDINGS MATERIALS	Uncoated stress relieved low relaxation seven wire strand for prestressed concrete	Area	IS: 14268:
517	MECHANICAL-BUILDINGS MATERIALS	Uncoated stress relieved low relaxation seven wire strand for prestressed concrete	Lay Length	IS: 14268:
518	MECHANICAL-BUILDINGS MATERIALS	Uncoated stress relived low relaxation seven wire stand for pre stressed concrete	0.2% proof load	IS:14268:
519	MECHANICAL-BUILDINGS MATERIALS	Uncoated stress relived low relaxation seven wire stand for pre stressed concrete	Breaking Load of strand wires	IS:14268:
520	MECHANICAL-BUILDINGS MATERIALS	Uncoated stress relived low relaxation seven wire stand for pre stressed concrete	Total Elongation %	IS:14268:
521	MECHANICAL-BUILDINGS MATERIALS	Uncoated stress relived low relaxation seven wire strand for prestressed concrete	Weight /Meter	IS:14268:
522	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Material And Alloy	% of Elongation	IS:1608:PART:1:
523	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Material And Alloy	Bend Test (8 10 12 15 16 18 20 24 25 28 30 32 35 36 40 42 48 50 56 60 64 70 72 75 80 84 96 100 108 112 120 125 128 140 144 150 160 168 175 180 192 196 200 216 224 225 240 252 256 280 288 300 320 324 360)	ASME SEC 9



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524	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Material And Alloy	Bend Test (8 10 12 15 16 18 20 24 25 28 30 32 35 36 40 42 48 50 56 60 64 70 72 75 80 84 96 100 108 112 120 125 128 140 144 150 160 168 175 180 192 196 200 216 224 225 240 252 256 280 288 300 320 324 360)	IS: 1599
525	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Material And Alloy	Brinell hardness (HBW)	IS:1500:PART:1
526	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Material And Alloy	Charpy Impact test (-40 °C to ambient temperature)	IS: 1757:PART:1:
527	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Material And Alloy	Flattering test (tubes & pipe)	IS:2328:
528	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Material And Alloy	IZOD impact test	IS: 1598
529	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Material And Alloy	Rockwell hardness	IS: 1586:PART:1:
530	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Material And Alloy	Rockwell hardness	is:1586:part:1:
531	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Material And Alloy	Ultimate Tensile Strength	IS:1608:PART:1:



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532	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Material And Alloy	Vicker Hardness	IS:1501:part:1:
533	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Material And Alloy	Yield stress	IS 1608:PART-1
534	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper material and alloys	0.2% Proof Stress	IS 1608: PART-1
535	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Irons Pipes (Di Pipe)	Brinell Hardness	IS:1500:PART:1:
536	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Irons Pipes (Di Pipe)	Dimension (thickness)	IS:8329:
537	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Irons Pipes (Di Pipe)	Dimension (internal dia)	IS:8329:
538	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Irons Pipes (Di Pipe)	Elongation	IS:1608:PART:1:
539	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Irons Pipes (Di Pipe)	Hydrostatic Pressure	IS:8329:
540	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Irons Pipes (Di Pipe)	Tensile strength	IS:1608:PART:1:



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541	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	0.2% Proof Stress	ISO 6892
542	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Brinell Hardness	ASTM A:370
543	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Simple torsion test of wire	IS:1717:
544	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Simple torsion test of wire	ISO 7800:
545	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Tensile strength	ISO:6892:PART:1:
546	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Total Elongation	IS:1608:PART:1:
547	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Wire warping test	IS:1755:
548	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Wire wrapping test	ISO:7802:
549	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Yield strength	ISO 6892



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550	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Alloy	Bend test (8 10 12 15 16 18 20 24 25 28 30 32 35 36 40 42 48 50 56 60 64 70 72 75 80 84 96 100 108 112 120 125 128 140 144 150 160 168 175 180 192 196 200 216 224 225 240 252 256 280 288 300 320 324 360)	ASTM A 370
551	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Alloy	Bend test (8 10 12 15 16 18 20 24 25 28 30 32 35 36 40 42 48 50 56 60 64 70 72 75 80 84 96 100 108 112 120 125 128 140 144 150 160 168 175 180 192 196 200 216 224 225 240 252 256 280 288 300 320 324 360)	IS 1599
552	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Alloy	Bend test (8 10 12 15 16 18 20 24 25 28 30 32 35 36 40 42 48 50 56 60 64 70 72 75 80 84 96 100 108 112 120 125 128 140 144 150 160 168 175 180 192 196 200 216 224 225 240 252 256 280 288 300 320 324 360)	ISO:7438
553	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Alloy	Brinell hardness	ISO:6506:PART:1:
554	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Alloy	Impact value	ASTM A 370 (E23) :
555	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Alloy	Impact value	ISO:148-1:



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556	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Alloy	Reduction area	IS:1608:PART:1:
557	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Alloy	Reduction area	ISO:6892:PART:1:
558	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Alloy	Rockwell hardness	ASTM A 370: (E18)
559	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Alloy	Rockwell hardness	ISO:6508:PART:1:
560	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Alloy	Rockwell hardness	ISO:6508:PART:1:
561	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and alloys	Yield stress	ASTM A 370:
562	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and alloys	Yield stress	IS:1608:PART:1:
563	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and alloys	% of Elongation	ASTM A 370 :
564	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and alloys	% of elongation	IS:1608:PART:1:



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565	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and alloys	Bend test (8 10 12 15 16 18 20 24 25 28 30 32 35 36 40 42 48 50 56 60 64 70 72 75 80 84 96 100 108 112 120 125 128 140 144 150 160 168 175 180 192 196 200 216 224 225 240 252 256 280 288 300 320 324 360)	ASME SEC 9 :
566	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and alloys	Bend test (8 10 12 15 16 18 20 24 25 28 30 32 35 36 40 42 48 50 56 60 64 70 72 75 80 84 96 100 108 112 120 125 128 140 144 150 160 168 175 180 192 196 200 216 224 225 240 252 256 280 288 300 320 324 360)	IS:1599
567	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and alloys	Brinell hardness	IS:1500:PART:1:
568	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and alloys	Charpy impact test - 40° C to ambient temperature	IS:1757:PART:1
569	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and alloys	Charpy impact test -40° C to ambient temperature	ASTM A 370:
570	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and alloys	Flattening test (tube & pipe)	ASTM A 370:
571	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and alloys	Flattening test (tube & pipe)	IS:2328:



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572	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and alloys	IZOD impact test	IS:1598
573	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and alloys	Rockwell hardness	ASTM A370:(E-18)
574	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and alloys	Rockwell Hardness	IS:1586:PART:1:
575	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and alloys	Rockwell hardness	IS:1586 :PART:1:
576	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and alloys	Tensile Strength	API - 1104 :
577	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and alloys	Ultimate Tensile Strength	ASTM A 370 :
578	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and alloys	Ultimate Tensile Strength	IS:1608:PART:1:
579	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and alloys	Vicker Hardness	IS:1501:PART:1:
580	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and alloys	0.2% Proof Stress	ASTM A 370



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581	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloys	0.2% Proof Stress	IS 1608: PART-1
582	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous material	Yield stress	ISO:6892-1:
583	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Material	0.2% Proof Stress	ISO 6892-1
584	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrous material	Bend test (8 10 12 15 16 18 20 24 25 28 30 32 35 36 40 42 48 50 56 60 64 70 72 75 80 84 96 100 108 112 120 125 128 140 144 150 160 168 175 180 192 196 200 216 224 225 240 252 256 280 288 300 320 324 360)	IS-1599
585	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrous material	Bend test (8 10 12 15 16 18 20 24 25 28 30 32 35 36 40 42 48 50 56 60 64 70 72 75 80 84 96 100 108 112 120 125 128 140 144 150 160 168 175 180 192 196 200 216 224 225 240 252 256 280 288 300 320 324 360)	ISO:7438
586	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrous material	Brinell Hardness	ASTM A 370 : E -10
587	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrous material	Brinell hardness	ISO:6506-1



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588	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrous material	Impact test	ISO:148-1:
589	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrous material	Reduction area	ISO:6892:
590	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous material	Rockwell hardness	ASMT A 370: E-18:
591	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous material	Rockwell hardness	ASTM A 370: E-18:
592	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous material	Rockwell hardness	EN 10004:
593	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous material	Rockwell hardness	EN 10004:
594	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous material	Rockwell hardness	ISO:6508:1:
595	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous material	Rockwell hardness	ISO:6508:1:
596	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrous material	Simple torsion test of wire	IS:1717:



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597	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrous material	Simple torsion test of wire	ISO : 7800:
598	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous material	Tensile strength	ISO:6892-1:
599	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrous material	Wire Wrapping Test	IS:1755:
600	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrous material	Wire Wrapping Test	ISO:7802:
601	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non alloys ferrous and alloys (Aluminum, Nickel, Brass, Broze, Zinc, Lead)	Yield stress	IS:1608:PART:1:
602	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non alloys ferrous and alloys (Aluminum, Nickel, Brass, Broze, Zinc, Lead)	% Elongation	IS:1608:PART:1
603	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non alloys ferrous and alloys (Aluminum, Nickel, Brass, Broze, Zinc, Lead)	Bend test (8 10 12 15 16 18 20 24 25 28 30 32 35 36 40 42 48 50 56 60 64 70 72 75 80 84 96 100 108 112 120 125 128 140 144 150 160 168 175 180 192 196 200 216 224 225 240 252 256 280 288 300 320 324 360)	ASME SEC 9



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604	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non alloys ferrous and alloys (Aluminum, Nickel, Brass, Broze, Zinc, Lead)	Bend test (8 10 12 15 16 18 20 24 25 28 30 32 35 36 40 42 48 50 56 60 64 70 72 75 80 84 96 100 108 112 120 125 128 140 144 150 160 168 175 180 192 196 200 216 224 225 240 252 256 280 288 300 320 324 360)	IS:1599
605	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non alloys ferrous and alloys (Aluminum, Nickel, Brass, Broze, Zinc, Lead)	Brinell hardness	IS:1500:PART:1
606	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non alloys ferrous and alloys (Aluminum, Nickel, Brass, Broze, Zinc, Lead)	Charpy impact test (-40°C to ambient temperature)	IS:1757:PART:1
607	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non alloys ferrous and alloys (Aluminum, Nickel, Brass, Broze, Zinc, Lead)	Charpy impact test (-40°C to ambient temperature)	ASTM A 370:
608	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non alloys ferrous and alloys (Aluminum, Nickel, Brass, Broze, Zinc, Lead)	Flattening test (tube & pipe)	IS:2328
609	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non alloys ferrous and alloys (Aluminum, Nickel, Brass, Broze, Zinc, Lead)	IZOD impact test	IS:1598
610	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non alloys ferrous and alloys (Aluminum, Nickel, Brass, Broze, Zinc, Lead)	Rockwell hardness	IS:1586:part:1
611	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non alloys ferrous and alloys (Aluminum, Nickel, Brass, Broze, Zinc, Lead)	Rockwell hardness	IS:1586:PART:1:



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612	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non alloys ferrous and alloys (Aluminum, Nickel, Brass, Broze, Zinc, Lead)	Ultimate Tensile Strength	IS:1608:PART:1:
613	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non alloys ferrous and alloys (Aluminum, Nickel, Brass, Broze, Zinc, Lead)	Vicker hardness	IS:1501:PART:1
614	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non- Ferrous Metals and Alloys	0.2% Proof Stress	IS 1608: PART-1
615	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test	Bend test (8 10 12 15 16 18 20 24 25 28 30 32 35 36 40 42 48 50 56 60 64 70 72 75 80 84 96 100 108 112 120 125 128 140 144 150 160 168 175 180 192 196 200 216 224 225 240 252 256 280 288 300 320 324 360)	ASME SEC 9
616	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test	Brinell hardness	IS:1500: P-1:
617	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test	Charpy impact test	ASME SEC 9:
618	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test	Charpy impact test (-40°C to ambient temperature)	IS:1757: P-1:
619	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test	Flattening test (tubes & pipe)	IS:2328:



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620	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test	Fracture test	ASME SEC 9:
621	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test	IZOD test	IS:1598
622	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test	Nick Break	API 1104 :
623	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test	Rockwell hardness	IS:1586:PART:1:
624	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test	Rockwell hardness	IS:1586:PART:1:
625	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test	Tensile strength	API 1004 :
626	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test	Ultimate tensile strength	ASTM A 370:
627	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test	Ultimate tensile strength	IS:1608:PART-1:
628	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test	Vicker hardness	IS:1501:PART:1:



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629	MECHANICAL-METALLOGRAPHY TEST	Aluminium material and alloys	Microstructure analysis	ASM metal handbook Vol 9
630	MECHANICAL-METALLOGRAPHY TEST	Cast Iron / Grey Iron / Malleable Iron /Ductile Iron / SG Iron	Microstructure analysis	ASTM A247 :
631	MECHANICAL-METALLOGRAPHY TEST	Cast Iron / Grey Iron / Malleable Iron /Ductile Iron / SG Iron	Microstructure analysis	ASTM Metal Handbook Vol 9:
632	MECHANICAL-METALLOGRAPHY TEST	Copper & Copper Alloy Component	Microstructure Analysis	ASM Metal Handbook Vol 9
633	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Material	Microstructure analysis	ASM Metal Handbook Vol 9
634	MECHANICAL-METALLOGRAPHY TEST	Ferrous Component	Inclusion Content	ASTM E -45 METHOD A
635	MECHANICAL-METALLOGRAPHY TEST	Metallic Material Alloy & Products	Average Grain Size (by comparison method)	IS: 4748
636	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro etch	ASTM E -340
637	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Chlorinated Polyvinyl Chloride Pipes	Tensile	IS:12235:PART:13:
638	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Chlorinated Polyvinyl Chloride Pipes	Visual appearance	IS:15778:
639	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Carbon black content	IS:2530:
640	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Carbon black dispersion	IS:2530:



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641	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Colour	IS: 14333:
642	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Colour	IS:4984:
643	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Density	IS:7328:
644	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Dimension out side diameter	IS:14333:
645	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Dimension out side diameter	IS:4984:
646	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Dimension wall thickness	IS:14333:
647	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Dimension wall thickness	IS:4984
648	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Effective alkali	IS:15058:
649	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Hydrostatic pressure	IS:14333:
650	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Hydrostatic pressure test	IS:4984:
651	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Identification stripes	IS:4984:
652	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Longitudinal reversion	IS:14333:



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653	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Longitudinal reversion	IS:4984:
654	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Melt flow rate	IS:2530:
655	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Overall migration	IS:9845:
656	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Slow crack growth rate	IS:4984:
657	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Tensile strength butt joint	IS:4984::
658	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Visual appearance	IS:14333:
659	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes	Visual appereance	IS:4984:
660	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipe	Sulphated ash content	IS:4985:
661	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipes	Dimension out side diameter	IS:12235:PART:1:
662	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipes	Dimension out side diameter	IS:4985:
663	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipes	Dimension wall thickness	IS:12235:PART:1:
664	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipes	Dimension wall thickness	IS:4985:



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665	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipes	Hydraulic pressure	IS:4984:
666	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipes	Internal pressure creep rupture	IS:4985:
667	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipes	Socket length	IS:12235:PART:1:
668	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipes	Socket length	IS:4985:
669	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipes	Stress relief	IS:12235:PART:6:
670	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipes	Visual appearance	IS:4985
671	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipes Water stops at transfers construction joint	Cold bend test	IS: 15058::
672	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipes / Chlorinated Polyvinyl Chloride Pipes	Density	IS:12235:PART:14:
673	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipes / Chlorinated Polyvinyl Chloride Pipes	Dimension in side diameter	IS:12235:PART:1:
674	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipes / Chlorinated Polyvinyl Chloride Pipes	Effect on water	IS:12235:
675	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipes / Chlorinated Polyvinyl Chloride Pipes	Elongation at break	IS:4984:
676	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipes / Chlorinated Polyvinyl Chloride Pipes	Hydrostatic pressure test	IS:12235:PART:8:SEC 1:



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677	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipes / Chlorinated Polyvinyl Chloride Pipes	Longitudinal reversion	is:12235:part:5:
678	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polyvinyl Chloride Pipes Water stops at transfers construction joint	Water Absorption	IS:15058:
679	MECHANICAL-RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Accelerated Ageing at Temperature 27° change in hardness	IS:3400 PART:2
680	MECHANICAL-RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Compression Set	IS:3400:PART:10:SEC 1 & 2:
681	MECHANICAL-RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Elongation	IS:3400 PART:1
682	MECHANICAL-RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Elongation (After Accelerated Ageing)	IS:3400 PART:1 & 4
683	MECHANICAL-RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Hardness Shore A	IS :3400:part:23:SEC 1 & 2:
684	MECHANICAL-RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Tensile Strength	IS:3400:PART:1:
685	MECHANICAL-RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Tensile Strength (Accelerated Ageing at Temperature 27° change in hardness)	IS: 3400:PART:1:
686	MECHANICAL- SOIL AND ROCK	Bentonite	Density	ASTM D4380:
687	MECHANICAL- SOIL AND ROCK	Bentonite	Dry Fineness (passing through 150 micron)	IS:6186:
688	MECHANICAL- SOIL AND ROCK	Bentonite	Free Swell Index	IS: 2720 PART:40



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689	MECHANICAL- SOIL AND ROCK	Bentonite	Liquid Limit	IS:2720 PART:5
690	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture Content	IS: 6186
691	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content	IS: 6186:
692	MECHANICAL- SOIL AND ROCK	Bentonite	Wet Fineness (passing through 45 micron)	IS: 6186:
693	MECHANICAL- SOIL AND ROCK	Crusher Run Macadam	California Bearing Ratio	IS:2720:PART:16:
694	MECHANICAL- SOIL AND ROCK	Crusher Run Macadam	Heavy Compaction MDD	IS:2720:PART:8:
695	MECHANICAL- SOIL AND ROCK	Crusher Run Macadam	Heavy Compaction OMC	IS:2720:PART:8:
696	MECHANICAL- SOIL AND ROCK	Crusher Run Macadam	Liquid Limit	IS:2720:PART:5:
697	MECHANICAL- SOIL AND ROCK	Crusher Run Macadam	Plastic Limit	IS:2720:PART:5:
698	MECHANICAL- SOIL AND ROCK	Granite	Apparent Porosity	IS: 1124
699	MECHANICAL- SOIL AND ROCK	Granite	Dimension - Thickness	IS: 14223:PART:1:
700	MECHANICAL- SOIL AND ROCK	Granite	Dimension - Width	IS: 14223:PART:1:1995:
701	MECHANICAL- SOIL AND ROCK	Granite	Dimension- length	IS:14223:PART:1
702	MECHANICAL- SOIL AND ROCK	Granite	Dry Density	IS: 13030
703	MECHANICAL- SOIL AND ROCK	Granite	Moisture Content	IS: 13030
704	MECHANICAL- SOIL AND ROCK	Granite / Marble / Stone	Durability	IS:1126



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705	MECHANICAL- SOIL AND ROCK	Granite / Marble/ stone	Apparent specific gravity	IS:1124
706	MECHANICAL- SOIL AND ROCK	Granite / Marble/ stone	Compressive Strength	IS: 1121:PART:1
707	MECHANICAL- SOIL AND ROCK	Granite / Marble/ stone	Hardness Mohs Scale	IS:13630:PART:13:
708	MECHANICAL- SOIL AND ROCK	Granite stone	Water absorption	IS:1124
709	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam	Abrasion By Los Angeles Machine	IS: 2386:PART:4:
710	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam	California Bearing Ratio	IS:2720:PART:16:
711	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam	Elongation Index	IS: 2386:PART:1:
712	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam	Flakiness Index	IS: 2386:PART:1:
713	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam	Heavy Compaction - MDD	IS:2720:PART:8:
714	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam	Heavy Compaction -OMC	IS: 2720:PART:8:
715	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam	Impact Value	IS:2386:PART:4:
716	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam	Liquid Limit	IS:2720:PART:5:
717	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam	Plastic Limit	IS:2720:PART:5:
718	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam	Sieve Analysis	IS:2386:PART:1:
719	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam	Water Absorption	IS:2386:PART:3:
720	MECHANICAL- SOIL AND ROCK	Kerb Stone	Bending Strength	IS: 5758:



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721	MECHANICAL- SOIL AND ROCK	Kerb Stone	Water Absorption	IS:5758:
722	MECHANICAL- SOIL AND ROCK	Marble	Dimension Length	IS:1130
723	MECHANICAL- SOIL AND ROCK	Marble	Dimension Thickness	IS:1130
724	MECHANICAL- SOIL AND ROCK	Marble	Dimension Width	IS:1130
725	MECHANICAL- SOIL AND ROCK	Marble	Specific Gravity	IS: 1122
726	MECHANICAL- SOIL AND ROCK	Rock	Density	IS:13030
727	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index	IS:8764
728	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS: 13030
729	MECHANICAL- SOIL AND ROCK	Rock	Unconfine Compressive Strength	IS:9143
730	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS:13030
731	MECHANICAL- SOIL AND ROCK	Soil	CBR (California bearing ratio)	IS:2720 PART:16
732	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test	IS:2720 PART:15
733	MECHANICAL- SOIL AND ROCK	Soil	Direct share (cohesion)	IS:2720 PART:13
734	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test phi value	IS:2720 PART:13
735	MECHANICAL- SOIL AND ROCK	Soil	Free swelling Index	IS: 2720 PART:40
736	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (0.075 to 4.75 mm)	IS:2720 PART:4



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737	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis By Hydrometer	IS:2720 PART:4
738	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS:2720 PART:8
739	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS: 2720 PART:8
740	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS:2720 PART:7
741	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS:2720 PART:7
742	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS:2720 PART:5
743	MECHANICAL- SOIL AND ROCK	Soil	Permeability Test	IS:2720 PART:17
744	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS: 2720 PART:5
745	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit Test	IS: 2720 PART:6
746	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS:2720 PART:3:SEC-1
747	MECHANICAL- SOIL AND ROCK	Soil	Standard Penetration's Test	IS:2131
748	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS:2720 PART:41
749	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Cohesion (UU)	IS:2720 PART:11
750	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression Angle of Sharing Resistance (UU)	IS:2720 PART:11
751	MECHANICAL- SOIL AND ROCK	Soil	Water Content By Oven Drying Method	IS: 2720 PART:2
752	MECHANICAL- SOIL AND ROCK	Water Bound Macadam / Crusher Run Macadam	Abrasion Value By Los Angeles Machine	IS:2386:PART:4:



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753	MECHANICAL- SOIL AND ROCK	Water Bound Macadam / Crusher Run Macadam	Elongation Index	IS: 2386:PART:1:
754	MECHANICAL- SOIL AND ROCK	Water Bound Macadam / Crusher Run Macadam	Flakiness Index	IS: 2386:PART:1:
755	MECHANICAL- SOIL AND ROCK	Water Bound Macadam / Crusher Run Macadam	Impact Value	IS:2386:PART:4::
756	MECHANICAL- SOIL AND ROCK	Water Bound Macadam / Crusher Run Macadam	Sieve Analysis	IS:2386:PART:1:
757	MECHANICAL- SOIL AND ROCK	Water Bound Macadam / Crusher Run Macadam	Water Absorption	IS: 2386:PART:3:
758	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous	Magnetic Particle Testing (Open to Surface Discontinuities and Sub Surface upto 3mm)	ASME SEC-5 Article:7
759	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous	Magnetic Particle Testing (Open to Surface Discontinuities and Sub Surface upto 3mm)	IS 7743
760	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & Non Ferrous Material	Liquid Penetrant Testing (Open to Surface Discontinuities Non Porous Material)	ASME SEC-5 Article 6
761	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & Non Ferrous Material	Liquid Penetrant Testing (Open to Surface Discontinuities Non Porous Material)	IS 3658
762	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & Non Ferrous Material	Visual Testing (Direct Visual Inspection)	IS 822
763	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & Non Ferrous Material	Visual Testing (Direct Visual Inspection)	ASME SEC-5 Article 9
764	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & Non Ferrous Material (Welding)	Ultrasonic Testing (6 to 50 mm Thickness Pipe Dia : 50 mm to 500 mm)	IS 4260



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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
765	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & Non Ferrous Material (Welding)	Ultrasonic Testing (6 to 50mm Thickness Pipe Dia : 50 mm to 500 mm)	ASME SEC-5 Article 4
766	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & Non Ferrous Material (Casting ,Forging & Rolled material)	Ultrasonic Testing (6 to 50 mm Thickness as per SA 435/SA 578 SA 388/A609)	ASME SEC-5 Article 23



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

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

Accreditation Standard

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Validity

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Site Testing				
1	MECHANICAL- BUILDINGS MATERIALS	Bitumen / Concrete Section	B.B.D. TEST	IRC 81:
2	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of fine aggregate	IS: 2386 PART:3
3	MECHANICAL- SOIL AND ROCK	Soil	Dry Density By Core Cutter Method	IS:2720 PART:29
4	MECHANICAL- SOIL AND ROCK	Soil	Dry Density By Sand Replacement Method	IS:2720 PART:28
5	MECHANICAL- SOIL AND ROCK	Soil	ERT (electrical resistivity test)	IS: 3043:
6	MECHANICAL- SOIL AND ROCK	Soil & Rock	Plate Load Test	IS:1888
7	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Carbonation depth test	IS:516:PART:3:SEC 3:
8	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Cover meter	BS 1881-204 :
9	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Half cell potential	IS:516:PART:5:SEC:2:
10	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Pile integrity test	ASTM -D-5882:



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11	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Pile integrity test	IS:14893:
12	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound hammer test	IS:516:PART:5:SEC 4:
13	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic pulse velocity	IS:516:PART:5:SEC 1 :
14	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous	Magnetic Particle Testing (Open to Surface Discontinuities and Sub Surface upto 3mm)	ASME SEC-5 Article:7
15	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous	Magnetic Particle Testing (Open to Surface Discontinuities and Sub Surface upto 3mm)	IS 7743
16	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & Non Ferrous Material	Liquid Penetrant Testing (Open to Surface Discontinuities Non Porous Material)	ASME SEC-5 Article 6
17	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & Non Ferrous Material	Liquid Penetrant Testing (Open to Surface Discontinuities Non Porous Material)	IS 3658
18	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & Non Ferrous Material	Visual Testing (Direct Visual Inspection)	IS 822
19	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & Non Ferrous Material	Visual Testing (Direct Visual Inspection)	ASME SEC-5 Article 9



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20	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & Non Ferrous Material (Welding)	Ultrasonic Testing (6 to 50 mm Thickness Pipe Dia : 50 mm to 500 mm)	IS 4260
21	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & Non Ferrous Material (Welding)	Ultrasonic Testing (6 to 50mm Thickness Pipe Dia : 50 mm to 500 mm)	ASME SEC-5 Article 4
22	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & Non Ferrous Material (Casting ,Forging & Rolled material)	Ultrasonic Testing (6 to 50 mm Thickness as per SA 435/SA 578 SA 388/A609)	ASME SEC-5 Article 23

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