



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SHREE BALAJI TEST HOUSE PRIVATE LIMITED (TESTING DIVISION), PLOT NO. P-9/I-22, GLOBAL INDUSTRIAL PARKS, SEC 72,73, BALLABGARH, HARYANA, 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 Testing				
1	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Alumina as Al_2O_3	IS:4032(CL-4.6.1) Gravimetric Method):
2	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Calcium Oxide as CaO	IS:4032(CL-4.7.2):(EDTA Method):
3	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Chloride	IS:4032(CL-4.13):
4	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Ferric Oxide Fe_2O_3	IS:4032(CL-4.5.2)(EDTA Method):
5	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Insoluble Residue	IS:4032(CL-4.10):
6	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Loss on Ignition	IS:4032(CL-4.2):
7	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Magnesia as MgO	IS 4032(CL-7.2.1) (Gravimetric Method):
8	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Magnesia as MgO	IS:4032(CL-4.8.2)(EDTA Method):
9	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Potassium Oxide(K_2O)	IS:4032(CL-4.11):
10	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Silica as(SiO_2)	IS:4032(CL-4.3):
11	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Sodium Oxide(Na_2O)	IS:4032(CL-4.11):
12	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Sulphuric anhydride as SO_3	IS:4032(CL-4.9)
13	CHEMICAL- BUILDING MATERIAL	Ultra Fine GGBS & Ground Granulated Blast-furnace (GGBS)	Sulphur as sulphide	IS:4032(CL-6.12):
14	CHEMICAL- BUILDING MATERIAL	Admixture	Ash content	IS:9103(Annex-E)(CL-E2):
15	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride ion content	IS:6925 (CL-3) (Volumetric Method):& Turbidity Method(CL-5)



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16	CHEMICAL- BUILDING MATERIAL	Admixture	Dry material content	IS:9103(Annex-E)(CL-E1):
17	CHEMICAL- BUILDING MATERIAL	Admixture	pH value	IS:9103(Annex-E)(CL-E5):
18	CHEMICAL- BUILDING MATERIAL	Admixture	Relative density	IS:9103(Annex-E)(CL-E3):
19	CHEMICAL- BUILDING MATERIAL	Coarse aggregate	Calcium Carbonate	IS:2720 (P-23)(CL-4.1) :
20	CHEMICAL- BUILDING MATERIAL	Coarse aggregate	Organic Impurity	IS 2386 (Part-2):
21	CHEMICAL- BUILDING MATERIAL	Coarse aggregate	Water Soluble Chloride as Cl	IS:14959 (Part-1) :
22	CHEMICAL- BUILDING MATERIAL	Coarse aggregate	Alkali Aggregate Reactivity (Dissolved Silica)	IS:2386(Part-7)(CL-3.7) (Gravimetric method):
23	CHEMICAL- BUILDING MATERIAL	Coarse aggregate	Alkali Aggregate Reactivity (Reduction in Alkalinity)	IS:2386(P-7)(CL-3.9):
24	CHEMICAL- BUILDING MATERIAL	Fine aggregate	Alkali Aggregate Reactivity (Dissolved Silica)	IS:2386(Part-7)(CL-3.7) (Gravimetric method):
25	CHEMICAL- BUILDING MATERIAL	Fine aggregate	Alkali Aggregate Reactivity (Reduction in Alkalinity)	IS:2386(P-7)(CL-3.9)
26	CHEMICAL- BUILDING MATERIAL	Fine aggregate	Organic Impurity	IS 2386 (Part-2):
27	CHEMICAL- BUILDING MATERIAL	Fine aggregate	Water Soluble Chloride as Cl	IS:14959 (Part-1)
28	CHEMICAL- BUILDING MATERIAL	Fly ash	Alumina(Al ₂ O ₃)	IS:1727(CL-5.7)
29	CHEMICAL- BUILDING MATERIAL	Fly ash	Chloride as Cl	IS:14959 (Part-1)
30	CHEMICAL- BUILDING MATERIAL	Fly ash	Ferric Oxide(Fe ₂ O ₃)	IS:1727(CL-5.6)



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31	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition	IS:1727(CL-5.3)
32	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesia as MgO	IS:1727(CL-5.9)
33	CHEMICAL- BUILDING MATERIAL	Fly ash	Potassium Oxide(K ₂ O)	IS:4032(CL-4.11)
34	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica(SiO ₂)	IS:1727(CL-5.4)
35	CHEMICAL- BUILDING MATERIAL	Fly ash	Sodium Oxide(Na ₂ O)	IS:4032(CL-4.11)
36	CHEMICAL- BUILDING MATERIAL	Fly ash	Soluble Salts	IS:1727(CL-5.11)
37	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphuric Anhydride(SO ₃)	IS:1727(CL-5.10)
38	CHEMICAL- BUILDING MATERIAL	Fly ash	Water Soluble Sulphate	BS 1377 Part-3
39	CHEMICAL- BUILDING MATERIAL	Grouting Mix	Alkali Content	BS: EN 480
40	CHEMICAL- BUILDING MATERIAL	Hydrated Lime	Acid insoluble Matter as SiO ₂	IS:1514(CL-10.2):
41	CHEMICAL- BUILDING MATERIAL	Hydrated Lime	Alumina Oxide	IS:1514(CL-11.2.2):
42	CHEMICAL- BUILDING MATERIAL	Hydrated Lime	Available lime as CaO	IS:1514(CL-9.2.2):
43	CHEMICAL- BUILDING MATERIAL	Hydrated Lime	Calcium hydroxide (CaOH)	IS:1540 (P-2CL- Calculation Method)
44	CHEMICAL- BUILDING MATERIAL	Hydrated Lime	Carbonate	IS:1514(CL-7.3):
45	CHEMICAL- BUILDING MATERIAL	Hydrated Lime	Free Moisture Content	IS:1514(CL-18.1):
46	CHEMICAL- BUILDING MATERIAL	Hydrated Lime	Iron oxide	IS:1514(CL-11.2.1):



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47	CHEMICAL- BUILDING MATERIAL	Hydrated Lime	Magnesium Oxide	IS:1514(CL-11.2.1):
48	CHEMICAL- BUILDING MATERIAL	Micro Silica / Silica Fume	Alkalies as Na ₂ O	IS 4032
49	CHEMICAL- BUILDING MATERIAL	Micro Silica / Silica Fume	Loss on Ignition	IS:1727
50	CHEMICAL- BUILDING MATERIAL	Micro Silica / Silica Fume	Moisture Content	IS:1727
51	CHEMICAL- BUILDING MATERIAL	Micro Silica / Silica Fume	Silica	IS:1727-
52	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Chloride	IS:4032(CL-4.13)
53	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Insoluble Residue	IS:4032(CL-4.10)
54	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Loss on Ignition	IS:4032(CL-4.2)
55	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Magnesia as MgO	IS:4032(CL-4.8.2)(EDTA Method)
56	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Potassium Oxide(K ₂ O)	IS:4032(CL-4.11)
57	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Sodium Oxide(Na ₂ O)	IS:4032(CL-4.11)
58	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Sulfuric anhydride as SO ₃	IS:4032(CL-4.9)
59	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Chloride	IS:4032(CL-4.13)
60	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Insoluble Residue	IS:4032(CL-4.10)
61	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Loss on Ignition	IS:4032(CL-4.2):
62	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Magnesia as MgO	IS:4032(CL-4.8.2)(EDTA Method)



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63	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Potassium Oxide(K ₂ O)	IS:4032(CL-4.11)
64	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Sodium Oxide(Na ₂ O)	IS:4032(CL-4.11)
65	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Sulfuric anhydride as SO ₃	IS:4032(CL-4.9)
66	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Sulphur as Sulphide(S)	IS:4032(CL-6.12)
67	CHEMICAL- BUILDING MATERIAL	Thermoplastic Road Marking Material	Calcium Carbonate (CaCO ₃)&Inert Filers	ASTM D:4797(CL-12.1)
68	CHEMICAL- BUILDING MATERIAL	Thermoplastic Road Marking Material	Percent binder content	ASTM D:4797(CL-12.1):
69	CHEMICAL- BUILDING MATERIAL	Thermoplastic Road Marking Material	Retro reflective optics	ASTM D:4797(CL-12.1):
70	CHEMICAL- BUILDING MATERIAL	Thermoplastic Road Marking Material	Titanium Dioxide(TiO ₂)	ASTM D:1394
71	CHEMICAL- BUILDING MATERIAL	Ultra Fine GGBS & Ground Granulated Blast-furnace (GGBS)	Insoluble Residue	IS:4032(CL-4.10)
72	CHEMICAL- BUILDING MATERIAL	Ultra Fine GGBS & Ground Granulated Blast-furnace (GGBS)	Aluminaas Al ₂ O ₃	IS:4032(CL-4.6)(Gravimetric Method)
73	CHEMICAL- BUILDING MATERIAL	Ultra Fine GGBS & Ground Granulated Blast-furnace (GGBS)	Calcium Oxide as CaO	IS:4032(CL-4.7.2)(EDTA Method)
74	CHEMICAL- BUILDING MATERIAL	Ultra Fine GGBS & Ground Granulated Blast-furnace (GGBS)	Chloride as Cl	IS:4032(CL-4.13) AMD. NO 2
75	CHEMICAL- BUILDING MATERIAL	Ultra Fine GGBS & Ground Granulated Blast-furnace (GGBS)	Iron as Fe ₂ O ₃	IS:4032(CL-4.5.2.2)(Volumetric Method)
76	CHEMICAL- BUILDING MATERIAL	Ultra Fine GGBS & Ground Granulated Blast-furnace (GGBS)	Loss on Ignition	IS:4032(CL-4.2)
77	CHEMICAL- BUILDING MATERIAL	Ultra Fine GGBS & Ground Granulated Blast-furnace (GGBS)	Magnesia as MgO	IS:4032(CL-4.8.2)(EDTA Method)
78	CHEMICAL- BUILDING MATERIAL	Ultra Fine GGBS & Ground Granulated Blast-furnace (GGBS)	Manganic oxide	IS:4032(CL-6.10)



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79	CHEMICAL- BUILDING MATERIAL	Ultra Fine GGBS & Ground Granulated Blast-furnace (GGBS)	Silica as SiO ₂	IS:4032(CL-4.3)
80	CHEMICAL- BUILDING MATERIAL	Ultra Fine GGBS & Ground Granulated Blast-furnace (GGBS)	Sodium Oxide(Na ₂ O)	IS:4032(CL-4.11)(Flame Photometric method):
81	CHEMICAL- BUILDING MATERIAL	Ultra Fine GGBS & Ground Granulated Blast-furnace (GGBS)	Sulphuric Anhydride as SO ₃	IS:4032(CL-4.9)
82	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Article	Anodic coating	IS:5523(CL-2.3.4)
83	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Article	Mass of zinc coating	IS:6745(CL-5.2)
84	CHEMICAL- METALS & ALLOYS	Carbon Steel Low alloys and plain carbon steel	Carbon	IS:228(Part-1)(CL-5.1)(Volumetric Method)
85	CHEMICAL- METALS & ALLOYS	Carbon Steel Low alloys and plain carbon steel	Chromium	IS:228(Part-6)(CL-6.1)(Volumetric Method)
86	CHEMICAL- METALS & ALLOYS	Carbon Steel Low alloys and plain carbon steel	Manganese	IS:228(Part-2)(CL-4.3)(Arsenite Method)
87	CHEMICAL- METALS & ALLOYS	Carbon Steel Low alloys and plain carbon steel	Molybdenum	IS:228(Part-7)(CL-5.3)(Alpha-Benzoin oxime Method)
88	CHEMICAL- METALS & ALLOYS	Carbon Steel Low alloys and plain carbon steel	Nickel	IS:228(Part-5)(CL-6.1)(Gravimetric Method)
89	CHEMICAL- METALS & ALLOYS	Carbon Steel Low alloys and plain carbon steel	Phosphorous	IS:228(Part-3)(CL-5)(Alkalimetric Method)
90	CHEMICAL- METALS & ALLOYS	Carbon Steel Low alloys and plain carbon steel	Silicon	IS:228(Part-8)(CL-4.3.1)(Gravimetric Method)
91	CHEMICAL- METALS & ALLOYS	Carbon Steel Low alloys and plain carbon steel	Sulphur	IS:228(Part-9)(CL-5.3.1)(Evolution Method)
92	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium/high alloys steel	Carbon	IS:228(Part-1)(CL-5.1)(Volumetric Method)



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93	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium/high alloys steel	Chromium	IS:228(Part-6)(CL-6.1) (Volumetric Method)
94	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium/high alloys steel	Manganese	IS:228(Part-2)(CL-4.3)(Arsenite Method)
95	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium/high alloys steel	Molybdenum	IS:228(Part-7)(CL-5.3)(Alpha-Benzoin oxime Method)
96	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium/high alloys steel	Nickel	IS:228(Part-5)(CL-6.1) (Gravimetric Method)
97	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium/high alloys steel	Phosphorous	IS:228(Part-3)(CL-5) (Alkalimetric Method)
98	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium/high alloys steel	Silicon	IS:228(Part-8)(CL-4.3.1) Gravimetric Method)
99	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium/high alloys steel	Sulphur	IS:228(Part-9)(CL-5.3.1) (Evolution Method)
100	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon(C)	IS:228(Part-1)(CL-5.1)(Volumetric Method)
101	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	IS:228(Part-6)(CL-6.1) (Volumetric Method)
102	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	IS:228(Part-2)(CL-4.3)(Arsenite Method)
103	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	IS:228(Part-5)(CL-6.1) (Gravimetric Method)
104	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorous(P)	IS:228(Part-3)(CL-5) (Alkalimetric Method)
105	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon(Si)	IS:228(Part-8)(CL-4.3.1) Gravimetric Method)
106	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur(S)	IS:228(Part-9)(CL-5.3.1) (Evolution Method)
107	CHEMICAL- PAINTS & SURFACE COATING	Micron Powder Coating	Dry Film Thickness	IS: 101 Part 3 Sec.2
108	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Accelerated Storage Stability	IS:138 (Annex-F)



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109	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Accelerated Storage Stability	IS:168 (Annex-E)
110	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Colour	IS:101(Part-4) (Section-.2):
111	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Consistency	IS :2075(Annexure-C):
112	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Consistency	IS :3537(Annexure-C):
113	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Consistency	IS 3536 (Annexure-B):
114	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Consistency	IS: 110 (Annexure-B)
115	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Consistency	IS:164(Annexure-D):
116	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Consistency	IS:168(Annexure-C):
117	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Consistency	IS:2074 (Part-1) (Annexure-C)
118	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Drying Time	IS : 101(Part-3) (section-1)
119	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Fineness of Grind	IS:101(Part-3) (Section-5)
120	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Finish	IS:101(Part-3) (Section-.4):
121	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Flattening Property	IS:110 (Annex-C)
122	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Flexibility	IS:101(Part-5) (Section-2)
123	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Gloss at 60 C	IS:101(Part-4) (Section-4):
124	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Impact Resistance	IS:101(Part-5) (Section-3)



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125	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Keeping Properties	IS:101(Part-6) (Section-2):
126	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Mass in kg/10 liter	IS:101(Part-1) (Section-.7):
127	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Re-coating Property	IS 164 (Annexure-E)
128	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Residue on Sieve % by Mass	IS 110 (Annexure-E)
129	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Residue on Sieve % by Mass	IS:101(Part-8) (Section-.1):
130	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Resistance to bleeding	IS:101(Part-7) (Section-.4):
131	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Viscosity, ford Cup No. 4	IS:101(Part-1) (Section-.5):
132	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Volume Solids	IS:101(Part-8) (Section-6):
133	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paints	Water content % by Mass	IS:101(Part-2) (Section-1)
134	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available calcium	SBTHPL/SOP/CH/S/04 Issue Date: 01/05/2023 Issue No.: 1
135	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Nitrogen	SBTHPL/SOP/CH/S/06 Issue Date: 01/05/2023 Issue No.: 1
136	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Phosphorus	SBTHPL/SOP/CH/S/01 Issue Date: 01/05/2023 Issue No.: 1
137	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Potassium	SBTHPL/SOP/CH/S/03 Issue Date: 01/05/2023 Issue No.: 1
138	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Sodium	SBTHPL/SOP/CH/S/02 Issue Date: 01/05/2023 Issue No.: 1



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139	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Cation Exchange Capacity	IS 2720 (Part-24, Clause 5.0)
140	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Chloride	SBTHPL/SOP/CH/S/05 Issue Date: 01/05/2023 Issue No.: 1
141	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Soluble Sulphate	IS 2720 (Part-27, Clause 4.0)
142	CHEMICAL-POLLUTION & ENVIRONMENT	Soil/Sediments	Specific conductance	IS 14767
143	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Acidity(as CaCO ₃)	IS 3025 (Part-22)
144	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Alkalinity(as CaCO ₃)	IS 3025 (Part-23, Clause 10.0)
145	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Biochemical Oxygen Demand (3 days at 27°C)	IS 3025 (Part-44)
146	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Calcium(as Ca)	IS 3025 (Part-40, Clause 5.0)
147	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand	IS 3025 (Part -58)
148	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Free Ammonia	IS 3025 (Part -34 Clause 2.5)
149	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Magnesium (as Mg)	IS 3025 (Part-46, Clause 5.0)
150	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Magnesium Hardness (as CaCO ₃)	IS 3025 (Part-46, Clause 5.0)



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151	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Odour	IS 3025 (Part -5)
152	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil & Grease	IS 3025 (Part-39, Clause 5.0)
153	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH value at 25°C	IS 3025 (Part -11)
154	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phenolic compounds(as C6H5OH)	IS 3025 (Part-43-Sec 1, Clause 6.0)
155	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phenolphthalein Alkalinity(as CaCO3)	IS 3025 (Part-23, Clause 10.0)
156	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phosphorus (as P)	IS 3025 (Part-31-Sec 1, Clause 6.0)
157	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phosphorus (as P/Po4)	IS 3025 (Part-31-Sec 1, Clause 6.0)
158	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Potassium (as K)	IS 3025 (Part-45, Clause 5.0)
159	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Silica (as SiO2)	IS 3025 (Part 35, Clause 3.0)
160	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium (as Na)	IS 3025 (Part-45, Clause 5.0)
161	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphate as SO4	IS 3025 (Part-24-Sec 1, Clause 5.0)
162	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphide	IS 3025 (Part-29, Clause 6.0 and 7.0)



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163	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Temperature	IS 3025 (Part-9)
164	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids Dried at 103-105°C	IS 3025 (Part-16, Clause 7.0)
165	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Hardness(as CaCO ₃)	S 3025 (Part-21, Clause 5.0)
166	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Nitrogen	IS 3025 (Part-34, Clause 5.0)
167	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Residual Chlorine (as Cl ₂)	IS 3025 (Part-26, Clause 6.0 & 7.0)
168	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Residue, (Total solid - dissolved and suspended)	IS 3025 (Part -15)
169	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total suspended Solids Dried at 103-105°C	IS 3025 (Part-17, Clause 6.0)
170	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Turbidity	IS 3025 (Part-10)
171	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Volatile and Fixed and Solids at 550°C	IS 3025 (Part -18)
172	CHEMICAL- RUBBER & RUBBER PRODUCTS	Vulcanized Rubber	Ash Content	ASTM D 297
173	CHEMICAL- RUBBER & RUBBER PRODUCTS	Vulcanized Rubber	Polymer Content	IS:3400(Part-22)(CL-4.1)
174	CHEMICAL- SOIL AND ROCK	Bentonite	pH Value	IS 6186
175	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonate	IS:2720(Part-23)



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176	CHEMICAL- SOIL AND ROCK	Soil	Nitrogen(N)	IS:14684(CL-3.3.1)
177	CHEMICAL- SOIL AND ROCK	Soil	Organic carbon	IS:2720(Part-22)
178	CHEMICAL- SOIL AND ROCK	Soil	Organic matter	IS:2720(P-22)(CL-6.1,) (Volumetric method)
179	CHEMICAL- SOIL AND ROCK	Soil	Ph Value	IS:2720(Part-26)
180	CHEMICAL- SOIL AND ROCK	Soil	Phosphorous(P2O5)	SOP No. SBTHPL /SOP/01,Issue No.-1 Date:01.08.22
181	CHEMICAL- SOIL AND ROCK	Soil	Potassium	SOP No. SBTHPL /SOP/04,IssueNo. -1 Date:01.08.22
182	CHEMICAL- SOIL AND ROCK	Soil	Soluble Chlorides as Cl	BS:1377(Part-3)(CL-7.2):
183	CHEMICAL- SOIL AND ROCK	Soil	Soluble Solids	IS:2720(Part-21)(CL-2.2.1) :
184	CHEMICAL- SOIL AND ROCK	Soil	Soluble Sulphate	IS:2720(Part-27)(CI-2.5)
185	CHEMICAL- SOIL AND ROCK	Soil	Soluble Sulphate as SO3	IS:2720(Part-27)(CL-2.5):
186	CHEMICAL- SOIL AND ROCK	Soil	Water Content	IS:2720(Part-2)(CI-5.1)(oven- Drying method):
187	CHEMICAL- WATER	Drinking Water	Acidity	IS 3025 (Part-22)
188	CHEMICAL- WATER	Drinking Water	Bicarbonate	IS 3025 (Part-51, Clause 7.0)
189	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	IS 3025 (Part-40, Clause 5.0)
190	CHEMICAL- WATER	Drinking Water	Carbonate	IS 3025 (Part-51, Clause 7.0)
191	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part-4, Clause 4.0 & 5.0)



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192	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	IS 3025 (Part-26, Clause 6.0 & 7.0)
193	CHEMICAL- WATER	Drinking Water	Magnesium (as Mg)	IS 3025 (Part-46, Clause 5.0)
194	CHEMICAL- WATER	Drinking Water	Magnesium Hardness (as CaCO ₃)	IS 3025 (Part-46, Clause 5.0)
195	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part-5)
196	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part-11)
197	CHEMICAL- WATER	Drinking Water	Phenolic compounds(as C ₆ H ₅ OH)	IS 3025 (Part-43-Sec 1, Clause 6.0)
198	CHEMICAL- WATER	Drinking Water	Phosphorus (as P/Po ₄)	IS 3025 (Part-31-Sec 1, Clause 6.0)
199	CHEMICAL- WATER	Drinking Water	Silica (as SiO ₂)	IS 3025 (Part-35, Clause 3.0)
200	CHEMICAL- WATER	Drinking Water	Sulphate (as SO ₄)	IS 3025 (Part-24/Sec 1, Clause 5.0)
201	CHEMICAL- WATER	Drinking Water	Sulphide (as H ₂ S/S)	IS 3025 (Part-29, Clause 6.0 and 7.0)
202	CHEMICAL- WATER	Drinking Water	Total Alkalinity (as CaCO ₃)	IS 3025 (Part-23, Clause 10.0)
203	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part-16, Clause 7.0)
204	CHEMICAL- WATER	Drinking Water	Total suspended Solids Dried at 103-105°C	IS 3025 (Part-17, Clause 6.0)
205	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part-10)
206	CHEMICAL- WATER	Ground Water	Acidity	IS 3025 (Part-22)
207	CHEMICAL- WATER	Ground Water	Alkalinity (as CaCO ₃)	IS 3025 (Part-23, Clause 10.0)
208	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen(as N)	IS 3025 (Part 34,Clause 2.5)
209	CHEMICAL- WATER	Ground Water	Bicarbonate	IS 3025 (Part-51, Clause 7.0)



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210	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand	IS 3025 (Part-44)
211	CHEMICAL- WATER	Ground Water	Carbonate	IS 3025 (Part-51, Clause 7.0)
212	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	IS 3025 (Part-58)
213	CHEMICAL- WATER	Ground Water	Chloride	IS 3025 (Part-32, Clause 2.0)
214	CHEMICAL- WATER	Ground Water	Chlorine, Residual	IS 3025 (Part-26, Clause 6.0 & 7.0)
215	CHEMICAL- WATER	Ground Water	Colour	IS 3025 (Part-4, Clause 4.0 & 5.0)
216	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	IS 3025 (Part-38)
217	CHEMICAL- WATER	Ground Water	Fluoride (as F)	IS 3025 (Part-60, Clause 5.0)
218	CHEMICAL- WATER	Ground Water	Magnesium (as Mg)	IS 3025 (Part-46, Clause 5.0)
219	CHEMICAL- WATER	Ground Water	Magnesium Hardness (as CaCO ₃)	IS 3025 (Part-46, Clause 5.0)
220	CHEMICAL- WATER	Ground Water	Nitrate, Nitrogen(as N03)	IS 3025 (Part-34, Clause 3.3)
221	CHEMICAL- WATER	Ground Water	Nitrite, Nitrogen (as N02)	IS 3025 (Part-34, Clause 4.0)
222	CHEMICAL- WATER	Ground Water	Odour	IS 3025 (Part-5)
223	CHEMICAL- WATER	Ground Water	Oil & Grease	IS 3025 (Part-39, Clause 5.0)
224	CHEMICAL- WATER	Ground Water	pH Value	IS 3025 (Part-11)
225	CHEMICAL- WATER	Ground Water	Phenol as C ₆ H ₅ OH	IS 3025 (Part-43-Sec 1, Clause 6.0)
226	CHEMICAL- WATER	Ground Water	Phenolphthalein Alkalinity (as CaCO ₃ /HCO ₃)	IS 3025 (Part-23, Clause 10.0)
227	CHEMICAL- WATER	Ground Water	Phosphate (as P/Po ₄)	IS 3025 (Part-31-Sec 1, Clause 6.0)



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228	CHEMICAL- WATER	Ground Water	Phosphorus (as P)	IS 3025 (Part-31-Sec 1, Clause 6.0)
229	CHEMICAL- WATER	Ground Water	Potassium (as K)	IS 3025 (Part-45, Clause 5.0)
230	CHEMICAL- WATER	Ground Water	Silica (as SiO ₂)	IS 3025 (Part-35, Clause 3.0)
231	CHEMICAL- WATER	Ground Water	Sodium (as Na)	IS 3025 (Part-45, Clause 5.0)
232	CHEMICAL- WATER	Ground Water	Specific Conductivity at 27°C	IS 3025 (Part-14)
233	CHEMICAL- WATER	Ground Water	Sulphate (as SO ₄)	IS 3025 (Part-24-Sec 1, Clause 5.0)
234	CHEMICAL- WATER	Ground Water	Sulphide (as H ₂ S/S)	S 3025 (Part-29, Clause 6.0 and 7.0)
235	CHEMICAL- WATER	Ground Water	Temperature	IS 3025 (Part-9)
236	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	IS 3025 (Part-16, Clause 7.0)
237	CHEMICAL- WATER	Ground Water	Total Hardness (as CaCO ₃)	IS 3025 (Part-21, Clause 5.0)
238	CHEMICAL- WATER	Ground Water	Total Nitrogen	IS 3025 (Part-34, Clause 5.0)
239	CHEMICAL- WATER	Ground Water	Total Residue, (Total solid - dissolved and suspended)	IS 3025 (Part-15)
240	CHEMICAL- WATER	Ground Water	Total Suspended Solids	IS 3025 (Part-17, Clause 6.0)
241	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part-10)
242	CHEMICAL- WATER	Irrigation Water	Boron (as B)	IS 3025 (Part-57, Clause 5.0)
243	CHEMICAL- WATER	Irrigation Water	Residual Sodium Carbonate	IS 11624
244	CHEMICAL- WATER	Irrigation Water	Sodium Absorption Ratio	IS 11624 :
245	CHEMICAL- WATER	Irrigation Water	Specific Conductivity	IS 3025 (Part-14)



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246	CHEMICAL- WATER	Packaged Drinking Water	Acidity	IS 3025 (Part-22)
247	CHEMICAL- WATER	Packaged Drinking Water	Alkalinity	IS 3025 (Part-23, Clause 10.0)
248	CHEMICAL- WATER	Packaged Drinking Water	Bicarbonate	IS 3025 (Part-51, Clause 7.0)
249	CHEMICAL- WATER	Packaged Drinking Water	Calcium (as Ca)	IS 3025 (Part-40, Clause 5.0)
250	CHEMICAL- WATER	Packaged Drinking Water	Calcium Hardness (as CaCO ₃)	IS 3025 (Part-40, Clause 5.0)
251	CHEMICAL- WATER	Packaged Drinking Water	Carbonate	IS 3025 (Part-51, Clause 7.0)
252	CHEMICAL- WATER	Packaged Drinking Water	Chloride (as Cl)	IS 3025 (Part-32, Clause 2.0)
253	CHEMICAL- WATER	Packaged Drinking Water	Fluoride (as F)	IS 3025 (Part-60, Clause 5.0)
254	CHEMICAL- WATER	Packaged Drinking Water	Magnesium (as Mg)	IS 3025 (Part-46, Clause 5.0)
255	CHEMICAL- WATER	Packaged Drinking Water	Magnesium Hardness (as CaCO ₃)	IS 3025 (Part-46, Clause 5.0)
256	CHEMICAL- WATER	Packaged Drinking Water	Nitrate, Nitrogen(as N03)	IS 3025 (Part-34, Clause 3.3)
257	CHEMICAL- WATER	Packaged Drinking Water	Nitrite, Nitrogen (as N02)	IS 3025 (Part-34, Clause 4.0) :
258	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS 3025 (Part-5)
259	CHEMICAL- WATER	Packaged Drinking Water	pH Value	IS 3025 (Part-11)
260	CHEMICAL- WATER	Packaged Drinking Water	Phenolic compounds(as C ₆ H ₅ OH)	IS 3025 (Part-43-Sec 1, Clause 6.0)
261	CHEMICAL- WATER	Packaged Drinking Water	Phenolphthalein Alkalinity (as CaCO ₃ /HCO ₃)	IS 3025 (Part-23, Clause 10.0)
262	CHEMICAL- WATER	Packaged Drinking Water	Phosphorus (as P)	IS 3025 (Part-31-Sec 1, Clause 6.0)
263	CHEMICAL- WATER	Packaged Drinking Water	Phosphorus (as P/Po ₄)	IS 3025 (Part-31-Sec 1, Clause 6.0)



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264	CHEMICAL- WATER	Packaged Drinking Water	Potassium (as K)	IS 3025 (Part-45, Clause 5.0)
265	CHEMICAL- WATER	Packaged Drinking Water	Residual Free Chloride	IS 3025 (Part-26, Clause 6.0 & 7.0)
266	CHEMICAL- WATER	Packaged Drinking Water	Sodium (as Na)	IS 3025 (Part-45, Clause 5.0)
267	CHEMICAL- WATER	Packaged Drinking Water	Specific Conductivity at 27°C	IS 3025 (Part-14)
268	CHEMICAL- WATER	Packaged Drinking Water	Sulphate (as SO ₄)	IS 3025 (Part-24-Sec 1, Clause 5.0)
269	CHEMICAL- WATER	Packaged Drinking Water	Sulphide (as H ₂ S/S)	IS 3025 (Part-29, Clause 6.0 and 7.0)
270	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids	IS 3025 (Part-16, Clause 7.0)
271	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness (as CaCO ₃)	IS 3025 (Part-21, Clause 5.0)
272	CHEMICAL- WATER	Packaged Drinking Water	Total Residual Chlorine	IS 3025 (Part-26, Clause 6.0 & 7.0)
273	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 (Part-10)
274	CHEMICAL- WATER	Surface Water	Acidity (as CaCO ₃)	IS 3025 (Part-22):
275	CHEMICAL- WATER	Surface Water	Alkalinity (as CaCO ₃)	IS 3025 (Part-23, Clause 10.0)
276	CHEMICAL- WATER	Surface water	Ammonical Nitrogen(as N)	IS 3025 (Part 34,Clause 2.5)
277	CHEMICAL- WATER	Surface Water	Bicarbonate	IS 3025 (Part-51, Clause 7.0)
278	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand	IS 3025 (Part-44)
279	CHEMICAL- WATER	Surface Water	Calcium (as Ca)	IS 3025 (Part-40, Clause 5.0)
280	CHEMICAL- WATER	Surface Water	Calcium Hardness (as CaCO ₃)	IS 3025 (Part-40, Clause 5.0)



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281	CHEMICAL- WATER	Surface Water	Carbonate	IS 3025 (Part-51, Clause 7.0)
282	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	IS 3025 (Part-58)
283	CHEMICAL- WATER	Surface water	Chloride	IS 3025 (Part-32, Clause 2.0)
284	CHEMICAL- WATER	Surface Water	Chlorine, Residual	IS 3025 (Part-26, Clause 6.0 & 7.0)
285	CHEMICAL- WATER	Surface Water	Color	IS 3025 (Part-4, Clause 4.0 & 5.0)
286	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS 3025 (Part-38)
287	CHEMICAL- WATER	Surface Water	FIXED RESIDUE (TOTAL, FILTERABLE AND NON-FILTERABLE)	IS 3025 (Part-18)
288	CHEMICAL- WATER	Surface Water	Fluoride (as F)	IS 3025 (Part-60, Clause 5.0)
289	CHEMICAL- WATER	Surface Water	Magnesium (as Mg)	IS 3025 (Part-46, Clause 5.0)
290	CHEMICAL- WATER	Surface Water	Magnesium Hardness (as CaCO ₃)	IS 3025 (Part-46, Clause 5.0)
291	CHEMICAL- WATER	Surface Water	Nitrate, Nitrogen(as N03)	IS 3025 (Part-34, Clause 3.3)
292	CHEMICAL- WATER	Surface Water	Nitrite, Nitrogen (as N02)	IS 3025 (Part-34, Clause 4.0)
293	CHEMICAL- WATER	Surface Water	odour	IS 3025 (Part-5)
294	CHEMICAL- WATER	Surface Water	Oil & Grease	IS 3025 (Part-39, Clause 5.0)
295	CHEMICAL- WATER	Surface Water	pH Value at 25 oC	IS 3025 (Part-11)
296	CHEMICAL- WATER	Surface Water	Phenol as C ₆ H ₅ OH	IS 3025 (Part-43-Sec 1, Clause 6.0)
297	CHEMICAL- WATER	Surface Water	Phenolphthalein Alkalinity (as CaCO ₃ /HCO ₃)	IS 3025 (Part-23, Clause 10.0)



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298	CHEMICAL- WATER	Surface Water	Phosphorus (as P/PO ₄)	IS 3025 (Part-31-Sec 1, Clause 6.0)
299	CHEMICAL- WATER	Surface Water	Potassium (as K)	IS 3025 (Part-45, Clause 5.0)
300	CHEMICAL- WATER	Surface Water	Residual Sodium Carbonate	IS 11624
301	CHEMICAL- WATER	Surface Water	Silica (as SiO ₂)	IS 3025 (Part-35, Clause 3.0)
302	CHEMICAL- WATER	Surface Water	Sodium (as Na)	IS 3025 (Part-45, Clause 5.0)
303	CHEMICAL- WATER	Surface Water	Specific Conductivity at 270C	IS 3025 (Part-14)
304	CHEMICAL- WATER	Surface Water	Sulphate (as SO ₄)	IS 3025 (Part-24-Sec 1, Clause 5.0)
305	CHEMICAL- WATER	Surface Water	Sulphide(as H ₂ S/S)	IS 3025 (Part-29, Clause 6.0 and 7.0)
306	CHEMICAL- WATER	Surface Water	Temperature	IS 3025 (Part-9)
307	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	S 3025 (Part-16, Clause 7.0)
308	CHEMICAL- WATER	Surface Water	Total Hardness (as CaCO ₃)	IS 3025 (Part-21, Clause 5.0)
309	CHEMICAL- WATER	Surface Water	Total Nitrogen	IS 3025 (Part-34, Clause 5.0)
310	CHEMICAL- WATER	Surface Water	Total Residue, (Total solid - dissolved and suspended)	IS 3025 (Part-15)
311	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part-10)
312	CHEMICAL- WATER	Surface Water	Volatile residue	IS 3025 (Part-18)
313	CHEMICAL- WATER	Water for construction purpose	Chloride	IS 3025 (Part-32, Clause 2.0)
314	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS:3025(Part-18)



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315	CHEMICAL- WATER	Water for construction purpose	Neutralization value 0.02N (H ₂ SO ₄), per 100 ml of sample (Alkalinity)	IS:3025(Part-23)(CL-8.1)
316	CHEMICAL- WATER	Water for construction purpose	Neutralization value 0.02N (NaOH), per 100 ml of sample Acidity	IS:3025(Part-22)(CI-8.1)
317	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS:3025(Part-18)(CL-6.0)
318	CHEMICAL- WATER	Water for construction purpose	pH Value	IS:3025(Part-11)(CL-2.6)
319	CHEMICAL- WATER	Water for construction purpose	Sulphate	IS 3025(Part-24)Sec.-1(CI-4.8)(gravimetric method):
320	CHEMICAL- WATER	Water for construction purpose	Suspended Matter	IS:3025(Part-17)(CI-4.0)
321	CHEMICAL- WATER	Water for construction purpose	Total Dissolved Solids	IS3025:Part-16
322	CHEMICAL- WATER	Water for Swimming Pool	Chloride	IS 3025 (Part-32, Clause 2.0)
323	CHEMICAL- WATER	Water for Swimming Pool	Color	IS 3025 (Part-4, Clause 4.0 & 5.0)
324	CHEMICAL- WATER	Water for Swimming Pool	odour	IS 3025 (Part-5)
325	CHEMICAL- WATER	Water for Swimming Pool	Oxygen absorbed in 4 hours at 27°C	IS 3025 (Part-63)
326	CHEMICAL- WATER	Water for Swimming Pool	pH Value	IS 3025 (Part-11)
327	CHEMICAL- WATER	Water for Swimming Pool	Residual free Chlorine	IS 3025 (Part-26, Clause 6.0 & 7.0)
328	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity	IS 3025 (Part-23, Clause 10.0)
329	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolved Solids	IS 3025 (Part-16, Clause 7.0)
330	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	IS 3025 (Part-10)
331	CHEMICAL- WATER	Water from Water Purifiers	Acidity	IS 3025 (Part-22)
332	CHEMICAL- WATER	Water from Water Purifiers	Bicarbonate	IS 3025 (Part-51, Clause 7.0)



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333	CHEMICAL- WATER	Water from Water Purifiers	Calcium Hardness (as CaCO ₃)	IS 3025 (Part-40, Clause 5.0)
334	CHEMICAL- WATER	Water from Water Purifiers	Carbonate	IS 3025 (Part-51, Clause 7.0)
335	CHEMICAL- WATER	Water from Water Purifiers	Colour Retention by KMnO ₄	IS 1070 Annexure A:
336	CHEMICAL- WATER	Water from Water Purifiers	Magnesium Hardness (as CaCO ₃)	IS 3025 (Part-46, Clause 5.0)
337	CHEMICAL- WATER	Water from Water Purifiers	Methyl Alkalinity (as CaCO ₃ /HCO ₃)	IS 3025 (Part-23, Clause 10.0)
338	CHEMICAL- WATER	Water from Water Purifiers	Nitrite, Nitrogen (as NO ₂)	IS 3025 (Part-34, Clause 4.0)
339	CHEMICAL- WATER	Water from Water Purifiers	pH Value	IS 3025 (Part-11)
340	CHEMICAL- WATER	Water from Water Purifiers	Phenolphthalein Alkalinity (as CaCO ₃ /HCO ₃)	IS 3025 (Part-23, Clause 10.0)
341	CHEMICAL- WATER	Water from Water Purifiers	Phosphorus (as P/Po ₄)	IS 3025 (Part-31-Sec 1, Clause 6.0)
342	CHEMICAL- WATER	Water from Water Purifiers	Silica (as SiO ₂)	IS 3025 (Part-35, Clause 3.0)
343	CHEMICAL- WATER	Water from Water Purifiers	Specific Conductivity at 27°C	IS 3025 (Part-14)
344	CHEMICAL- WATER	Water from Water Purifiers	Sulphide (as H ₂ S/S)	IS 3025 (Part-29, Clause 6.0 and 7.0)
345	CHEMICAL- WATER	Water from Water Purifiers	Total Solid at 105°C	IS 3025 (Part-15)
346	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Cationic Type)	Penetration at 25 0C/100g/5 Sec.	IS 1203
347	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement steel bar	Yield Stress/ 0.2 proof stress	IS 1608(Part 1):



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348	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Drying Time	Ministry of Road & Transport Highways Clause No 803.4.1.2 Section 800
349	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Plywood	Tensile strength	IS 1734 (Part-9)
350	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	ACC Block	Bulk Density	IS 6441 (Part-1)
351	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	ACC Block	Compressive Strength	IS 6441 (Part-5):
352	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	ACC Block	Dimension - Height	IS 2185 (Part-3):
353	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	ACC Block	Dimension - Length	IS 2185 (Part-3)
354	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	ACC Block	Dimension - Weight	IS 2185 (Part-3)



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355	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anchor Cone	Dimensional Test	SOP/SBTHPL/2022/04, Issue date:01-12-2022
356	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anchor Cone	Elongation	IS:1608, PART-1
357	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anchor Cone	Hardness Test	IS:1500 PART-4
358	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anchor Cone	Tensile Strength	IS:1608, PART-1
359	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anchor Head	Dimensional Test	SOP/SBTHPL/2022/06, Issue date:01-12-2022
360	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anchor Head	Hardness Test	IS 1586 Part 2
361	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anti stripping Compound	Specific Gravity 27°C	IS 1202



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362	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anti stripping Compound	Appearance(Visual)	Appendix 4 Morth Spec.
363	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anti stripping Compound	Boiling water test	IS 14982 : Annex D
364	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anti stripping Compound	Effect of water on Bituminous Aggregate using Boiling water	ASTM D 3625
365	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anti stripping Compound	Flash point	IS 1209
366	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anti stripping Compound	Nitrogen content	MORT&H Specs.Appendix 4
367	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anti stripping Compound	Odour(Smelling)	Appendix 4 Morth Spec.
368	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anti stripping Compound	Retained Marshall Stability	MORT&H Spec. (Appendix-4)



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369	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anti stripping Compound	Solubility in HDO	MORT&H Spec. (Appendix-4)
370	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anti stripping Compound	Solubility in LDO	MORT&H Spec. (Appendix-4)
371	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anti stripping Compound	Stripping value	IS 6241
372	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anti stripping Compound	Thermal Stability at 163°C	IS 14982 : Annex A
373	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Anti stripping Compound	Total base value	ASTM D 664
374	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bar/ Coupler	Slip test	IS 1608 Part 1-2022
375	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bar/Coupler	Elongation	IS 1608 Part 1-2022



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376	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bar/Coupler	Static Tensile Test	IS 16172
377	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bar/Coupler	Tensile Strength	IS 1608 Part 1
378	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Cationic Type)	Water Content	IS 1211
379	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Cationic Type)	Coagulation of emulsion @ low temperature	IS 8887 :Annex C
380	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Cationic Type)	Coating ability & water resistance	IS 8887 :2018 Annex F
381	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Cationic Type)	Distillation in % volume of distillate recovered at 360°C	ASTM D 244
382	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Cationic Type)	Distillation in % volume of distillate recovered at 360°C	IS 1213



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383	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Cationic Type)	Ductility at 27 0C	IS 1208 :
384	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Cationic Type)	Miscibility with water	IS 8887 :2018 Annex H
385	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Cationic Type)	Particle charge	IS 8887 :Annex E
386	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Cationic Type)	Residue at 360°C	IS 1213
387	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Cationic Type)	Residue by evaporation	IS 8887 :2018 Annex J
388	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Cationic Type)	Residue on 600 micron IS sieve	IS 8887 : Annex B
389	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Cationic Type)	Solubility in trichloroethylene	IS 1216



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390	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Cationic Type)	Stability to mixing with cement	IS 8887 :Annex G
391	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Cationic Type)	Storage stability after 24 hour	IS 8887 :Annex D
392	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Cationic Type)	Viscosity by Sayboltfurol viscometer at 25 OC & 50 OC	IS 8887(Annexure A)
393	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bituminous Mix	Bitumen Content/Binder content test	ASTM D 2172
394	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bituminous Mix	Boiling Water Test	ASTM D3625-M-
395	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bituminous Mix	Density	ASTM D 2726
396	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bituminous Mix	Gradation	IS 2386 (Part-1)



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397	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bituminous Mix	Marshal Flow	ASTM D 6927
398	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bituminous Mix	Marshal Stability	ASTM D 6927 :
399	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bituminous Mix	Mastic Hardness	IS 1195
400	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bituminous Mix	Resilient Modulus(CTB & AIL)	ASTM D 4123-
401	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bituminous Mix	Retained Marshal Stability	MORT&H(Appendix- 4) Spec:
402	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bituminous Mix	Rutting Test of Asphalt Mix	AASHTO-T 340:
403	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	BOLT	Elongation	IS 1608 (Part 1)



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404	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bolt	Elongation	ISO: 6892
405	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	BOLT	Hardness	IS 1586 (Part 1)
406	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	BOLT	Lower Yield	IS 1608 (Part 1)
407	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bolt	Lower Yield	ISO: 6892
408	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	BOLT	Proof Load	IS 1608(Part 1)
409	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bolt	Proof Load	ISO: 6892
410	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	BOLT	Ultimate Tensile Strength	IS 1608 (Part 1) :



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411	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bolt	Ultimate Tensile Strength	ISO: 6892
412	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	Dimension - Height	IS 1077
413	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	Dimension - Length	IS 1077
414	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	Dimension - Width	IS 1077
415	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks/ Fly Ash Building Bricks	Compressive Strength	IS 3495(Part-1)
416	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks/ Fly Ash Building Bricks	Efflorescence	IS 3495(Part-3)
417	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks/ Fly Ash Building Bricks	Warpage	IS 3495 (Part-4):



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418	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks/ Fly Ash Building Bricks	Water Absorption	IS 3495(Part-2)
419	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cast Iron	Hardness(Brinell)	IS:1586(Part-1)
420	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Tiles	Dimension (Length)	IS 1237 :Clause 7
421	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Tiles	Dimension (Thickness)	IS 1237 :Clause 7
422	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Tiles	Dimension (Width)	IS 1237 : Clause 7
423	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Tiles	Flatness	IS 1237 :Annex B
424	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Tiles	Perpendicularity	IS 1237 :Annex C



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425	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Tiles	Water Absorption	IS 1237 : Annex E
426	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Tiles	Wet Transverse Strength	IS 1237 : Annex F
427	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Treated Sub Base/ Cement Treated Base	Grading Sieve (Sieve Size: 4.75mm)	IS 2386 (Part 1)
428	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Treated Sub Base/ Cement Treated Base	Resilient Modulus	ASTM D 4123
429	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Treated Sub Base/ Cement Treated Base	Resilient Modulus	IRC 37 /ASTM D 4123
430	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Treated Sub Base/ Cement Treated Base	Soundness by MgSO4	IS 2386 (Part 5) :
431	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Treated Sub Base/ Cement Treated Base	Soundness by Na2SO4	IS 2386(Part 5)



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432	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic tiles	Breaking Strength	IS 13630 (Part-6)
433	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic tiles	Bulk Density	IS 13630 (Part-2):
434	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic tiles	Chemical Resistance	IS 13630 (Part-7)
435	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic tiles	Dimension (Length)	IS 13630 (Part-1)
436	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic tiles	Dimension (Width)	IS 13630 (Part-1):
437	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic tiles	Modulus of Rupture	IS 13630 (Part-6):
438	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic tiles	Moisture Expansion	IS 13630 (Part-3)



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439	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic tiles	Resistance to Acid & Alkali	IS 13630 (Part-8)
440	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic tiles	Scratch Hardness (1-9 Mohs)	IS 13630 (Part-13):
441	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic tiles	Surface Flatness	IS 13630 (Part-1):
442	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic tiles	Surface Quality	IS 13630 (Part-1)
443	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic tiles	Thickness	IS 13630 (Part-1):
444	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic tiles	Warpage	IS 13630 (Part-1):
445	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic tiles	Water Absorption	IS 13630 (Part-2):



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446	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Polished stone value	IS 2386(Part 4)
447	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Soundness by MgSO ₄	IS 2386 (Part 5)
448	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Soundness by Na ₂ SO ₄	IS 2386(Part 5)
449	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	10% fine value	IS 2386(Part 4)
450	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS 2386(Part 4)
451	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Alkali Aggregate Reactivity/by Mortar Bar method	IS 2386(Part 7)
452	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Bulk Density	IS 2386(Part 3)



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453	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Crushing Value	IS 2386(Part 4)
454	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Deleterious Materials (Coal & Lignite)	IS 2386(Part 2)
455	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Deleterious Materials (Clay lumps)	IS 2386(Part 2)
456	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Elongation Index	IS 2386(Part1)
457	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386(Part 1)
458	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Los Angeles Abrasion Value	IS 2386(Part 4)
459	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Material Finer than 75 micron IS Sieve	IS 2386(Part 1) :



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460	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Polished stone value	BS 812 (Part 114)
461	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Sieve Analysis (80 mm to 2.36mm)	IS 2386(Part 1)
462	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386(Part 3)
463	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Stripping Value	IS 6241
464	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Water Absorption	IS 2386(Part 3)
465	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete	Pull-out Test(Bond in Reinforcement Concrete)	IS 2770 (Part-1)
466	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Air content	IS 9103



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467	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Bleeding	IS 9103
468	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Compressive strength (Percent of control sample)	IS 516 (Part-1) Sec-1
469	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Compressive strength (Percent of control sample)	IS 9103
470	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Drying Shrinkage	IS 516 (Part-6)
471	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Flexural strength, percent of control sample	IS: 516 Part 1: Sec1-
472	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Flow	IS 9103
473	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Length change, percent increase over control sample	IS 9103



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474	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Loss of Workability	IS 9103
475	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Slump below that of the control mix concrete	IS 1199
476	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Time of setting, allowable deviation from control sample	IS: 9103 CLAUSE NO 2.3
477	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Water content	IS 9103
478	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Kerb	Angle of Kerb	IS: 5758(Clause -6.1):
479	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Kerb	Compressive Strength	IS 516 (Part-1) Sec-1:
480	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Kerb	Height of Kerb	IS: 5758(Annexure- B):



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481	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Kerb	Thickness of Kerb	IS: 5758(Annexure- B):
482	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Kerb	Water Absorption	IS: 5758(Annexure- D):
483	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Curing Compound	Curing Efficiency	BS 7542:
484	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Curing Compound	Day Light reflectance	ASTM E:97
485	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Curing Compound	Ford Cup (B4) Viscosity	ASTM D 1200
486	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Curing Compound	Loss Of Water In 72 Hrs	BS 7542
487	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Curing Compound	Specific Gravity	BS 7542



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488	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Curing Compound	Surface Drying Time	ASTM C 309, Clause 10.3
489	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Curing Compound	Water Retention	ASTM C 156-
490	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Doors and Shutters	Buckling Resistance	IS 4020 (Part-9)
491	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Doors and Shutters	Dimension - Height	IS 4020 (Part-2):
492	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Doors and Shutters	Dimension - Thickness	IS 4020 (Part-2)
493	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Doors and Shutters	Dimension - Width	IS 4020 (Part-2):
494	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Doors and Shutters	Edge Loading Test	IS 4020 (Part-7):



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495	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Doors and Shutters	End Immersion Test	IS 4020 (Part-13):
496	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Doors and Shutters	General Flatness	IS 4020 (Part-3):
497	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Doors and Shutters	Glue Adhesion Test	IS 4020 (Part-15)
498	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Doors and Shutters	Impact Indentation Test	IS 4020 (Part-5):
499	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Doors and Shutters	Knife Test	IS 4020 (Part-14):
500	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Doors and Shutters	Local Planeness	IS 4020 (Part-4):
501	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Doors and Shutters	Misuse Test	IS 4020 (Part-11)



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502	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Doors and Shutters	Screw Withdrawal Resistance Test	IS 4020 (Part-16)
503	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Doors and Shutters	Shock Resistance Test	IS 4020 (Part-8)
504	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Doors and Shutters	Slamming Test	IS 4020 (Part-10)
505	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Doors and Shutters	Squareness	IS 4020 (Part-2):
506	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Doors and Shutters	Varying Humidity Test	IS 4020 (Part-12):
507	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Alkali Aggregate Reactivity/by Mortar Bar method	IS 2386(Part 7)
508	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Bulk Density	IS 2386(Part 3)



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509	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Deleterious Materials (Coal & Lignite)	IS 2386 (Part 2)
510	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Deleterious Materials (Clay lumps)	IS 2386 (Part 2)
511	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Material Finer than 75 micron IS Sieve	IS 2386(Part 1)
512	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Mortar Making Properties	IS 2386 (Part 6)
513	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Sand Equivalent Value (Crushing Strength)	IS 2720(Part 37):
514	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Sieve Analysis (10mm to 0.150 mm)	IS 2386(Part 1)
515	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Silt Content	CPWD Method, Appendix-D



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516	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Soundness by MgSO4	IS 2386(Part 5)
517	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Soundness by Na2SO4	IS 2386(Part 5)
518	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Specific Gravity	IS 2386(Part 3)
519	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Water Absorption	IS 2386(Part 3)
520	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash	Compressive Strength	IS: 1727: Clause 10
521	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash	Fineness by Blaine Air Permeability	IS:1727: Clause 6.1
522	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash	Lime Reactivity	IS: 1727:1967 Clause 9



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523	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash	Particles Retained on 45 micron	IS 1727: Clause 6.2.5
524	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash	Specific Gravity	IS: 1727:Clause 15
525	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash Building Bricks	Dimension - Height	IS 13757 :
526	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash Building Bricks	Dimension - Length	IS 13757
527	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash Building Bricks	Dimension - Width	IS 13757
528	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Concrete	Compaction factor	IS 1199 (Part 6)
529	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Concrete	Density	IS 1199 (Part 3)



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530	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Concrete	Slump	IS 1199 (Part-2)
531	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	GI Pipe	Flattening Test above 50mm	IS:2328
532	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	GI Pipe	Leak Proof Test	IS:1239 Annexure-B
533	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	GI Pipe	Nominal Mass	IS:1239
534	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	GI Pipe	Tensile Strength	IS:1608(Part-1)
535	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub Base	Aggregate Impact Value	IS 2386 (Part 4)
536	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub Base	Water Absorption	IS 2386 (Part 3)



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537	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Grey Iron	Tensile Strength	IS:1608(P-1)-
538	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ground Granulated Blast Furnace Slag	Fineness by Blaine Air Permeability Method	IS 4031(Part-2)
539	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ground Granulated Blast Furnace Slag	Furnace Moisture Content	IS 16714: Annex B
540	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ground Granulated Blast Furnace Slag	Furnace Slag activity Index - 28days	IS 4031(Part-6)
541	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ground Granulated Blast Furnace Slag	Furnace Slag activity Index - 7 days	IS 4031(Part-6)
542	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Grouting Mix	Bleeding	IS: 9103
543	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Grouting Mix	Deleterious Material	IS: 2386(Part-2)



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544	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Grouting Mix	Flowability	BSEN: 445
545	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Grouting Mix	Setting Time	ASTM C: 403 M- 23
546	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Compressive Strength of accelerated cured concrete specimen	IS 516 (Part 1) Sec-1
547	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Compressive Strength of Concrete cube/Cylindrical	IS 516 (Part 1) Sec-1
548	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Depth of water Penetration under pressure	DIN:1048(Part-5)-
549	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Depth of water Penetration under pressure	IS 516 Part 2: Sec1
550	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Flexural Strength	IS 516 Part 1: Sec1



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551	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Water Absorption	IS 516 (Part 1) Sec-1
552	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hooks	Elongation	IS:1608 P-1-
553	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hooks	Tensile Strength	IS:1608 P-1
554	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hot Applied Sealing Compound	Aviation Fuel Resistance	IS:1834 Appendix - D
555	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hot Applied Sealing Compound	Extensibility	IS:1834
556	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hot Applied Sealing Compound	Flow Test	IS:1834 Appendix -C
557	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hot Applied Sealing Compound	Pour Point	IS:1834 Appendix-B



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558	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Adhesion After Heat Ageing	IS 12118(PART-2) (Clause-9):
559	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Adhesion-in- Peel	IS 11433(PART-2) (Clause-7):
560	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Change in Mass	IS 1834 (Appendix-E):
561	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Compression	ASTM D2628
562	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Elongation at Break	ASTM D412
563	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Flow Test	IS 1834 (Appendix-B):
564	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Hardness	ASTM D2240



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565	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Hardness Change	ASTM D471
566	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Increase Penetration	IS 1834 (Appendix-D)
567	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Loss Mass After Heat Ageing	IS 11433(PART-2) (Clause-4):
568	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Low Temperature Recovery, 22h/70h at -10°C, -29°C & -100°C, 50% Deflection	ASTM D2628
569	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Low Temperature Stiffening, Hardness Change	ASTM D2628
570	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Oil Swell Weight Change	ASTM D 1149
571	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Oven Ageing, Tensile Strength Loss	ASTM D573



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572	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Penetration	IS 1203
573	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Pour Point	IS 1834 (Appendix-A)
574	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Tensile Strength	ASTM D412
575	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Elongation Loss	ASTM D2628
576	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Extensibility	IS 1834 (Appendix-C)
577	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Poly sulphide & Polyurethane Sealant)	Recovery	IS 11433(PART-2) (Clause-3)
578	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Backer Rods) (Building	Compression Recovery	ASTM D-545



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579	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Backer Rods)	25% Compression deflection	ASTM D-545
580	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Backer Rods)	Density	ASTM D1622
581	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Backer Rods)	Density	ASTM D-545
582	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Backer Rods)	Heat Resistance	ASTM D-5249
583	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Backer Rods)	Maximum Shrinkage	ASTM D-5249
584	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Backer Rods)	Tensile Strength	ASTM D-1623
585	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Backer Rods)	Water Absorption	ASTM C-1016



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586	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Joint Sealant (Backer Rods)	Water Absorption	ASTM D-545
587	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Live wedges	Dimensional Test	SOP/SBTHPL/2022/07, Issue date:01-12-2022
588	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Live wedges	Surface Hardness	IS:1586 Part-2
589	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Micro Silica / Silica Fume	Bulk Density.	ASTM C-1240-10a Cl.19
590	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Micro Silica / Silica Fume	Compressive Strength	IS: 15388
591	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Micro Silica / Silica Fume	Over size percent on 45 microns	IS 1727
592	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Micro Silica / Silica Fume	Specific Gravity	IS 1727



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593	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	MS GI Sheet (Sheathing Duct)	Dimension (Dia)	IRC - 18
594	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	MS GI Sheet (Sheathing Duct)	Dimension (Thickness)	IRC - 18
595	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	MS GI Sheet (Sheathing Duct)	Load tension	MORT&H Spec. Clause 1805.6.2 Appendix 1800/I Test C
596	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	MS GI Sheet (Sheathing Duct)	Transverse Load Rating Test	MORT&H Spec. Clause 1805.6.2 Appendix 1800/I Test B
597	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	MS GI Sheet (Sheathing Duct)	Water loss test	MORT&H Spec. Clause 1805.6.2 Appendix 1800/I Test D
598	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	MS GI Sheet (Sheathing Duct)	Workability	MORT&H Spec. Clause 1805.6.2 Appendix 1800/I Test A
599	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	NUT	Hardness	IS:1586(P-1)



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600	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	NUT	Hardness Rockwell	IS 1586 (Part 1)
601	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	NUT	Proof Load	IS 1608(Part 1)
602	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	NUT	Stress Under Proof Load	IS 1608(Part 1)
603	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (OPC)	Compressive Strength	IS 4031(Part-6):
604	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (OPC)	Density	IS 4031 (Part 11):
605	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (OPC)	Final Setting time	IS 4031(Part-5):
606	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (OPC)	Fineness by Blaine Permeability method	IS 4031(Part-2):



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607	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (OPC)	Fineness by Dry sieving method	IS4031(Part-1):
608	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (OPC)	Initial Setting Time	IS 4031(Part-5)
609	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (OPC)	Soundness by Autoclave expansion method	IS 4031(Part-3):
610	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (OPC)	Soundness by Le-Chatelier Expansion method	IS 4031(Part-3):
611	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (OPC)	Standard Consistency	IS 4031(Part-4):
612	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (OPC)	Transverse strength	IS 4031 (Part-8)
613	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver block	Breaking Load	IS 15658(Annex-G)



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614	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver block	Compressive strength	IS 15658 (Annex-D):
615	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver block	Dimension (Length)	IS 15658(Annex-B)
616	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver block	Dimension (Thickness)	IS 15658(Annex-B)
617	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver block	Dimension (Width)	IS 15658(Annex-B)
618	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver block	Flexural Strength	IS 15658(Annex-G):
619	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver block	Thickness of wearing layer	IS 15658 ((CL.No.7.2):
620	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver block	Visual inspection	IS 15658(CL.No.7.2):



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621	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver block	Water absorption	IS 15658 (Annex-C):
622	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paving Bitumen	Absolute Viscosity at 60°C	IS 1206 (Part-2)
623	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paving Bitumen	Ductility TFOT	IS 1201 to 1220 :
624	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paving Bitumen	Flash point	IS 1209 :
625	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paving Bitumen	Flash point(COC)	IS 1448 (Part-69) :
626	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paving Bitumen	Kinematic Viscosity at 135°C	IS 1206 (Part-3) :
627	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paving Bitumen	Penetration	IS 1203



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628	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paving Bitumen	Pour Point	IS:1448 (P 10/sec-1)-
629	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paving Bitumen	Softening Point	IS 1205
630	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paving Bitumen	Solubility in trichloroethylene	IS 1216
631	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paving Bitumen	Specific Gravity	IS 1202
632	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paving Bitumen	Viscosity Ratio at 60°C	IS 1206 (Part-2)
633	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Plywood	Water Absorption	IS 2380 (Part-1 to part 21)
634	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Poly Sulphide Sealant	Mass Loss (@7 degree C/14 days)	BS 5212 (Part- 3)



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635	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Poly Sulphide Sealant	Penetration After Ageing	BS 5212 (Part- 3)
636	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Poly Sulphide Sealant	Penetration Before Ageing	BS 5212 (Part- 3)
637	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Poly Sulphide Sealant	Pot Life @ 25 degree Celsius	BS 5212 (Part- 3)
638	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Poly Sulphide Sealant	Resistance to Plastic Flow (60-degree Celsius /5hrs./75-degree angle)	BS 5212 (Part- 3)
639	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Poly Sulphide Sealant	Track Free Condition (RT @16hrs.)	BS 5212 (Part- 3)
640	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Poly Sulphide Sealant	Mass Change at 48 hrs	BS 5212 (Part- 3)
641	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Polymer Modified Bitumen	Loss on heating	IS: 1212



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642	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Polymer Modified Bitumen	Elastic recovery of half thread in ductilometer at 15°C	IS 15462 (Annex A)
643	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Polymer Modified Bitumen	Elastic recovery of half thread in ductilometer at 25°C	IRC SP 53 ANNE.4
644	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Polymer Modified Bitumen	Flash point	IS 1209
645	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Polymer Modified Bitumen	Loss in mass	IS 9382
646	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Polymer Modified Bitumen	Loss in weight	IS: 9382
647	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Polymer Modified Bitumen	Mineral Matter (Ash)	IS: 1217
648	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Polymer Modified Bitumen	Separation	IS:15462: Annexure B



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649	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Polymer Modified Bitumen	Separation difference in softening point (R&B)	IRC SP 53(Annex 3)
650	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Polymer Modified Bitumen	Softening Point	IS 1205
651	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Polymer Modified Bitumen	Solubility in HDO	IS:14982
652	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Polymer Modified Bitumen	Solubility in LDO	IS:14982
653	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Polymer Modified Bitumen	Viscosity at 150°C	ASTM D4402 :M-23
654	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (PPC)	Compressive Strength	IS 4031(Part-6)
655	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (PPC)	Soundness by Le-Chatelier Expansion	IS 4031(Part-3):



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656	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (PPC)	Standard Consistency	IS 4031(Part-4):
657	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (PPC)	Density	IS 4031 (Part 11):
658	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (PPC)	Final Setting time	IS 4031(Part-5)
659	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (PPC)	Fineness by Blaine Air Permeability	IS 4031(Part-2):
660	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (PPC)	Fineness by Dry sieving method	IS 4031(Part-1):
661	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (PPC)	Initial Setting Time	IS 4031(Part-5)
662	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (PPC)	Soundness by Autoclave expansion	IS 4031(Part-3):



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663	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (PPC)	Transverse strength	IS 4031 (Part-8) :
664	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Slag Cement (PSC)	Compressive Strength	IS 4031(Part-6)
665	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Slag Cement (PSC)	Density	IS 4031 (Part 11):
666	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Slag Cement (PSC)	Final Setting time	IS 4031(Part-5)
667	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Slag Cement (PSC)	Fineness by Blaine Air Permeability	IS4031(Part-2)
668	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Slag Cement (PSC)	Fineness by Dry sieving method	IS 4031(Part-1):
669	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Slag Cement (PSC)	Initial Setting Time	IS 4031(Part-5)



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670	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Slag Cement (PSC)	Soundness by Autoclave expansion	IS 4031(Part-3)
671	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Slag Cement (PSC)	Soundness by Le-chatelier Expansion	IS 4031(Part-3):
672	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Slag Cement (PSC)	Standard Consistency	IS 4031(Part-4):
673	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Slag Cement (PSC)	Transverse strength	IS 4031 (Part-8)
674	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Post(Crash Barrier)	Bend Test	IS:1599
675	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Post(Crash Barrier)	Elongation	IS:1608(Part 1)
676	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Post(Crash Barrier)	Tensile Strength	IS:1608(Part-1)



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677	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Post(Crash Barrier)	Yield Stress	IS:1608 Part -1
678	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Breaking load	IS 1608 (Part 1)
679	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Cross sectional area	IS 14268 :
680	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Diameter	IS 14268 : Annexure A-2
681	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Mass / unit area	IS 14268 : Annexure B-2/A-2
682	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Relaxation test-100 H	IS 14268 : Clause 6.2.4
683	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	RCC Hume Pipe	Internal Diameter of Pipes	IS 458 Table -2



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684	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	RCC Hume Pipe	Strength Test(three Edge Bearing Test)	IS:458
685	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement steel bar	Bend test	IS 1599
686	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement steel bar	Cross sectional area	IS 2062
687	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement steel bar	Diameter	IS 1786
688	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement steel bar	Elongation Percent	IS 1608(Part 1):
689	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement steel bar	Mass per meter	IS 1786
690	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement steel bar	Re-bend test	IS 1786



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691	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement steel bar	Ultimate Tensile Strength	IS 1608(Part 1):
692	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Rivets	Diameter	IS 1929
693	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Rivets	Dump test	IS 1148 :
694	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Rivets	Head Soundness Test	IS 1148 :
695	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Rivets	Shear test	IS 5242
696	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Road Studs	Area	Morth clause 804.4.2
697	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Road Studs	CIL Values	ASTM E 810



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698	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Road Studs	Flexural Test	ASTM D 4280
699	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Road Studs	Slope	Morth clause 804.2.3
700	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	RPM (ROAD STUDS)	Compressive Strength	ASTM D 4280
701	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	RPM (ROAD STUDS)	Deformation at 13635 kg	ASTM D 4280
702	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	RPM (ROAD STUDS)	Longitudinal Flexural Strength	ASTM D 4280
703	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Segment Epoxy Bonding	Compressive Strength	ASTM C 579
704	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Segment Epoxy Bonding	Mixed Density	FIM



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705	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Segment Epoxy Bonding	Pot Life	ASTM D 2471
706	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Steel Pipe Tube	Flattening Test	IS 2328 : Clause 6.1
707	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Binder Content	BS 3262 (Part-1)
708	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Coeff. Of Retro-Reflection	ASTM D 1710
709	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Coeff. Of Retro-Reflection	BS EN 1436
710	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Colour	AASHTO M249
711	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Cracking Resistance	AASHTO T 250



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712	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Flow Resistance Test	EAS-928-1 (Annexure-D)
713	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Free Flow Test	MORT&H Spec. (Sec.800)
714	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Glass Beads Content	BS 3262 (Part-1) : Appendix D
715	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Gradation of Glass Beads(Type 1 & 2)	MORT&H Spec.(Sec800)
716	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Luminance Test	AASHTO M249 :
717	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Refractive Index	BS 6088:
718	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Roundness-Microscopic	BS 6088



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719	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Roundness-Microscopic	BS EN 1423
720	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Skid Resistance	BS 6044 : Appendix K
721	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Softening Point	ASTM D 36
722	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Yellowness Index	AASHTO M 250:
723	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Timber	Density	IS 2380 (Part-1 to part 21)
724	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Timber	Identification of wood	IS 4970
725	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Timber	Moisture Content	IS 1708(Part-1)



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726	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Timber	Specific Gravity	IS 1708 (Part-2):
727	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Timber	Tensile strength	IS 1708 (Part-9)
728	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Timber	Water Absorption	IS 2380 (Part-1 to part 21)
729	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	W-Beam (MBCB)	Tensile Strength	IS:1608(P-1)-
730	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	W-Beam (MBCB)	Bend Test	IS:1599
731	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	WASHER	Rockwell Hardness	IS 1586 (Part 1)
732	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Elongation Index	IS 2386 (Part 1)



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733	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Flakiness Index	IS 2386 (Part 1)
734	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Fractured Faces	ASTM D 5821
735	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Grading (Sieve Size: 4.75mm to 63mm)	IS 2386 (Part 1)
736	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Impact Value	IS 2386 (Part 4)
737	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Los Angeles Abrasion Value	IS 2386 (Part 4)
738	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Soundness by MgSO ₄	IS 2386 (Part 5)
739	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Soundness by Na ₂ SO ₄	IS 2386 (Part 5)



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740	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Water Absorption	IS 2386 (Part 3)
741	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Wet Aggregate Impact Value	IS 5640
742	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Proofing Membrane	Crack Bridging	ASTM C 1305
743	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Elongation Index	IS 2386 (Part 1)
744	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Flakiness Index	IS 2386 (Part 1)
745	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Grading (Sieve Size: 4.75mm to 63mm)	IS 2386 (Part 1)
746	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Impact Value	IS 2386 (Part 4)



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747	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Los Angeles Abrasion Value	IS 2386 (Part 4)
748	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Soundness by MgSO4	IS 2386 (Part 5)
749	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Soundness by Na2SO4	IS 2386(Part 5)
750	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Water Absorption	IS 2386 (Part 3)
751	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Composite Material	0.2% Proof Stress	ASTM E 8M
752	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Composite Material	Elongation	ASTM E 8M
753	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Composite Material	Flexural Strength	ASTM C 393M
754	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Composite Material	Peel of Strength(Drum Peel Test)	ASTM D 903



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755	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Composite Material	Shear Strength(With Punch Shear)	ASTM D 732
756	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Composite Material	Tensile Strength	ASTM E 8M
757	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Barbed wire / fencing wire	Diameter	IS 278
758	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Barbed wire / fencing wire	Mass per meter	IS 278
759	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Barbed wire / fencing wire	Tensile Strength	IS 1608 (Part-1)
760	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Barbed wire / fencing wire	Wrapping test	IS 1755
761	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Bend test	IS 1599
762	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Cross sectional area	IS 2062 : Clause 15
763	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Diameter	IS 1786 : Clause 6.3



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764	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Elongation	IS 1608(Part 1)
765	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Mass per meter	IS 1786 : Clause 7.1
766	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Reduction area	IS 1608 (Part 1)
767	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Rockwell hardness	IS 1586 (Part 1)
768	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Thickness	IS 2062 : Clause 15
769	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Ultimate Tensile Strength	IS 1608 (Part 1)
770	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Yield stress	IS 1608(Part 1)
771	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Water Proofing Membrane	Fatigue Resistance	ASTM D 5849
772	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Wire Mesh	Bend Performance	BS:4483



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773	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Wire Mesh	Dimension wire-Mesh	BS:4483
774	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Wire Mesh	Shear Force	BS:4483
775	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Wire Mesh	Tensile Strength	BS:4483
776	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Cavity box(HDPE)	Density	ASTM D 792
777	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Cavity box(HDPE)	Melt flow rate	ASTM D 1238
778	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Cavity box(HDPE)	Tensile strength & elongation	ASTM D 638-
779	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Cellulose Fiber	Bitumen Drain down	ASTM D 6390
780	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Cellulose Fiber	Maximum fiber Length	ASTM D 6390
781	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Fiber Cellulose Polymeric	Dimension	SOP/SBTHPL/2022/01, Issue date:01-12-2022
782	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Fiber Cellulose Polymeric	Length	SOP/SBTHPL/2022/02, Issue date:01-12-2022
783	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Fiber Cellulose Polymeric	Specific Gravity	SOP/SBTHPL/2022/03, Issue date:01-12-2022



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784	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Fiber Cellulose Polymeric	Water Absorption	ASTM D 5229
785	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Macloop & Saddle(HDPE)	Density	IS:13360 Part 3 Sec10
786	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Macloop & Saddle(HDPE)	Hardness	IS:13360 Part 5 Sec11
787	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polycarbonate Sheet	Bending (a)Cold line bending	IS:14443
788	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polycarbonate Sheet	Bending (b)Hot line bending	IS:14443
789	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polycarbonate Sheet	Dart drop impact strength	IS: 14443 ANNEX. - B Cl. 3.2.4
790	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polycarbonate Sheet	Test for Explosion Resistance Max Pressure pr 0.5	IS: 14443 ANNEX. - F Cl. 3.2.5
791	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polycarbonate Sheet	Test for Vandal Resistance	IS: 14443 ANNEX. - C Cl. 3.2.5
792	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Separation Membrane	Dart Impact Strength	IS 13360 Part-5 (Sec-6) Method B
793	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Separation Membrane	Elongation at Break	IS 13360 Part-5 (Sec-1)
794	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Separation Membrane	Elongation at Break	IS 13360 Part-5 (Sec-3)
795	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Separation Membrane	Tensile Strength	IS 13360 Part-5 (Sec-1)



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796	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Separation Membrane	Tensile Strength	IS 13360 Part-5 (Sec-3)
797	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Separation Membrane	Thickness of Sheet	IS 2508
798	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Welded Wire Mesh	Mass of Wire Mesh	BS:4483
799	MECHANICAL- ROCK-ADVANCED	Rock Advanced	Brazillian Tensile Strength	IS 10082
800	MECHANICAL- ROCK-ADVANCED	Rock Advanced	Modulus of Elasticity	IS 9221
801	MECHANICAL- ROCK-ADVANCED	Rock Advanced	Slake Durability Index	IS 10050
802	MECHANICAL- ROCK-BASIC	Rock Basic	Bulk Density	IS 13030
803	MECHANICAL- ROCK-BASIC	Rock Basic	Moisture Content	IS 13030
804	MECHANICAL- ROCK-BASIC	Rock Basic	Point Load Test	ASTM D 5731
805	MECHANICAL- ROCK-BASIC	Rock Basic	Porosity	IS 13030
806	MECHANICAL- ROCK-BASIC	Rock Basic	Unconfined Compressive Strength	IS 9143
807	MECHANICAL- ROCK-BASIC	Rock Basic	Water Absorption	IS 13030
808	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanizate Rubber	Compression Set	IS:3400 Part -10 /sec-2
809	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanizate Rubber	Compression Set @70oC	ASTM D395 Method B



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810	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanizate Rubber	Density	ASTM D 792
811	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanizate Rubber	Elongation at Break	IS:3400 Part -1
812	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanizate Rubber	Hardness	ASTM D 2240
813	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanizate Rubber	Hardness	IS:3400 Part -2/Sec-3:
814	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanizate Rubber	Maximum Change in Elongation (Accelerated Aging 72 h, 100 + 1 oC)	IS:3400 Part -4
815	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanizate Rubber	Maximum Change in Hardness (Accelerated Aging 72 h, 100 + 1 oC)	IS:3400 Part -4
816	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanizate Rubber	Maximum Change in Tensile Strength (Accelerated Aging 72 h, 100 + 1 oC)	IS:3400 Part -4
817	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanizate Rubber	Tear strength	ASTM D 624
818	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanizate Rubber	Tensile Strength	IS:3400 Part 1
819	MECHANICAL- SOIL- ADVANCED	Soil	Angle of internal Friction - f (Triaxial Shear Test - CU)	IS 2720 -Part 12
820	MECHANICAL- SOIL- ADVANCED	Soil	Angle of internal Frictionn - f (Triaxial Shear Test - UU)	IS 2720 (Part 11)
821	MECHANICAL- SOIL- ADVANCED	Soil	Cohension - c (Triaxial Shear Test - CU)	IS 2720 (Part 11)



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822	MECHANICAL- SOIL-ADVANCED	Soil	Cohension - c (Triaxial Shear Test - UU)	IS 2720 (Part 12)
823	MECHANICAL- SOIL-ADVANCED	Soil	Swelling pressure	IS 2720 (Part-41)
824	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness	IS 6186,A-6
825	MECHANICAL- SOIL AND ROCK	Bentonite	Gel Formation Index	IS 6186, A-5
826	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture content	IS 6186
827	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content	IS 6186,A-6
828	MECHANICAL- SOIL AND ROCK	Bentonite	Swelling	IS 6186, A-4
829	MECHANICAL- SOIL AND ROCK	Bentonite	Viscosity	IS 6186, A-7
830	MECHANICAL- SOIL AND ROCK	Cement Treated Sub Base/ Cement Treated Base	Liquid Limit	IS 2720 (Part 5)
831	MECHANICAL- SOIL AND ROCK	Cement Treated Sub Base/ Cement Treated Base	Plastic Limit	IS 2720 (Part 5)
832	MECHANICAL- SOIL AND ROCK	Cement Treated Sub Base/ Cement Treated Base	Plasticity Index	IS 2720 (Part 5)
833	MECHANICAL- SOIL AND ROCK	Cement Treated Sub Base/ Cement Treated Base	Unconfined Compressive Strength	IS 9143
834	MECHANICAL- SOIL AND ROCK	Granular Sub Base	California Bearing Ratio	IS 2720 (Part 16)
835	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Liquid Limit	IS 2720 (Part 5)
836	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Maximum Dry Density (MDD) by Heavy Compaction	IS 2720 (Part 8)
837	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Optimum Moisture Content (OMC) by Heavy Compaction	IS 2720 (Part 8)



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838	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Plastic Limit	IS 2720 (Part 5)
839	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Plasticity Index	IS 2720 (Part 5)
840	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Water Content	IS 2720 (Part 2)
841	MECHANICAL- SOIL AND ROCK	Pond Ash	Angle of Internal Friction by Direct Shear Test	IS:2720(P-13)
842	MECHANICAL- SOIL AND ROCK	Pond Ash	Coefficient of Consolidation	IS: 2720 Part- 4
843	MECHANICAL- SOIL AND ROCK	Pond Ash	Coefficient of Permeability	IS: 2720 Part- 17
844	MECHANICAL- SOIL AND ROCK	Pond Ash	Compression Index	IS: 2720
845	MECHANICAL- SOIL AND ROCK	Pond Ash	Maximum Dry Density (MDD) by Heavy Compaction	IS:2720(Part-8)
846	MECHANICAL- SOIL AND ROCK	Pond Ash	Optimum Moisture Content (OMC) by Heavy Compaction	IS:2720(Part-8)
847	MECHANICAL- SOIL AND ROCK	Pond Ash	Particle Size Distribution (0.075mm to 10mm)	IS:2720 P04
848	MECHANICAL- SOIL AND ROCK	Pond Ash	Specific Gravity	IS:2720 P3/sec-1
849	MECHANICAL- SOIL AND ROCK	Rock	Cerchar Abrasiveness Index	ASTM D7625
850	MECHANICAL- SOIL AND ROCK	Rock	Dry Density	IS 13030
851	MECHANICAL- SOIL AND ROCK	Rock	Fractured Faces	ASTM D 5821
852	MECHANICAL- SOIL AND ROCK	Rock	Hardness (Mohs' Scale)	IS13630 (Part-13)
853	MECHANICAL- SOIL AND ROCK	Rock	In-Situ Shear Test on Rock Mass	IS 7746



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854	MECHANICAL- SOIL AND ROCK	Rock	Poisson's Ratio	IS 9221
855	MECHANICAL- SOIL AND ROCK	Rock	Rock mass deformability by using a flexible dilatometer / Pressure Meter Test (Radial Displacement Method)	IS 12955 (Part-02)
856	MECHANICAL- SOIL AND ROCK	Rock	Rock mass deformability by using a flexible dilatometer / Pressure meter test volume change (Menard method)	IS 12955 (Part-01)
857	MECHANICAL- SOIL AND ROCK	Rock	Seismic Refraction test	IS 15681
858	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 13030
859	MECHANICAL- SOIL AND ROCK	Rock	Strength of Rock-Triaxial Compression Test (Angle of Internal Friction)	IS 3047
860	MECHANICAL- SOIL AND ROCK	Rock	Ultrasonic wave velocity in rock	ASTM D 2845
861	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (C.B.R.)-Soaked California Bearing Ratio (C.B.R.)-Soaked	IS:2720(Part-16)
862	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (C.B.R.)-Unsoaked	AASHTO T 193
863	MECHANICAL- SOIL AND ROCK	Soil	Cation exchange capacity of soil	IS 2720 (Part-24)
864	MECHANICAL- SOIL AND ROCK	Soil	Coefficient of Interface Friction between soil and geosynthetics	IS 13326 (Part 1)
865	MECHANICAL- SOIL AND ROCK	Soil	Coefficient of permeability by Constant Head	IS 2720 (Part 36)



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866	MECHANICAL- SOIL AND ROCK	Soil	Compression Index (Consolidation Test)	IS 2720 (Part 15)
867	MECHANICAL- SOIL AND ROCK	Soil	Electrical Resistivity of Soil (ERT)	IS 3043
868	MECHANICAL- SOIL AND ROCK	Soil	Field Moisture Equivalent	IS 2720 (Part-18)
869	MECHANICAL- SOIL AND ROCK	Soil	Linear Shrinkage	IS 2720 (Part-20)
870	MECHANICAL- SOIL AND ROCK	Soil	Pull out Resistance of Geosynthetic	ASTM D 6706
871	MECHANICAL- SOIL AND ROCK	Soil	Relative density of cohesion less soil	IS 2720 (Part-14)
872	MECHANICAL- SOIL AND ROCK	Soil	Silica Sesquioxide ratio	IS 2720 (Part-25)
873	MECHANICAL- SOIL AND ROCK	Water Bound Macadam	Liquid Limit	IS 2720 (Part 5)
874	MECHANICAL- SOIL AND ROCK	Water Bound Macadam	Plastic Limit	IS 2720 (Part 5)
875	MECHANICAL- SOIL AND ROCK	Water Bound Macadam	Plasticity Index	IS 2720 (Part 5)
876	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam	Liquid Limit	IS 2720 (Part 5)
877	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam	Plastic Limit	IS 2720 (Part 5)
878	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam	Plasticity Index	IS 2720 (Part 5)
879	MECHANICAL- SOIL-BASIC	Soil	Angle of internal Friction - f (by Direct shear test)	IS 2720 (Part 13)
880	MECHANICAL- SOIL-BASIC	Soil	Angle of internal Friction - f (Soil Containing gravel/Large DST)	IS 2720 (Part-39/sec-I)
881	MECHANICAL- SOIL-BASIC	Soil	Coefficient of Consolidation C_v	IS 2720 (Part 15)



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882	MECHANICAL- SOIL-BASIC	Soil	Cohension - C (by Direct Shear Test)	IS 2720 (Part 13)
883	MECHANICAL- SOIL-BASIC	Soil	Cohension - C (Soil Containing gravel/Large DST)	IS 2720 (Part-39/sec-I)
884	MECHANICAL- SOIL-BASIC	Soil	Free Swell Index	IS 2720 (Part 40)
885	MECHANICAL- SOIL-BASIC	Soil	Grain size Analysis-Wet (75 micron to 2.0 mm)	IS 2720 (Part 4)
886	MECHANICAL- SOIL-BASIC	Soil	Liquid Limit	IS 2720 (Part 5)
887	MECHANICAL- SOIL-BASIC	Soil	Maximum Dry Density (MDD) by Heavy Compaction	IS 2720 (Part 8)
888	MECHANICAL- SOIL-BASIC	Soil	Maximum Dry Density (MDD) by Light Compaction	IS 2720 (Part 7)
889	MECHANICAL- SOIL-BASIC	Soil	Optimum Moisture Content (OMC) by Hheavy Compaction	IS 2720 (Part 8)
890	MECHANICAL- SOIL-BASIC	Soil	Optimum Moisture Content (OMC) by Light Compaction	IS 2720 (Part 7)
891	MECHANICAL- SOIL-BASIC	Soil	Plastic Limit	IS 2720 (Part 5)
892	MECHANICAL- SOIL-BASIC	Soil	Plasticity Index	IS 2720 (Part 5)
893	MECHANICAL- SOIL-BASIC	Soil	Shrinkage Limit	IS 2720 (Part 6)
894	MECHANICAL- SOIL-BASIC	Soil	Specific gravity	IS 2720 (Part-3/sec-I)
895	MECHANICAL- SOIL-BASIC	Soil	Water content	IS 2720 (Part 2)



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896	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	All Type Roller & Rocker Bearings	Rotation and Lateral load Test	IRC:83 (Part-I) , Clause -11.1.3
897	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Bridge Bearing (Spherical And Cylindrical) (Free Float & Slide Guide Type)	Compression (Vertical Load) Test & Rotation Test	IRC:83 Part -4, Clause-7.4.1 (iii)
898	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Bridge Bearing (Spherical And Cylindrical) (Free Float & Slide Guide Type)	Combined Vertical and Horizontal Load Test	IRC:83 Part -4, Clause-7.4.1 (v)
899	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Bridge Bearing (Spherical And Cylindrical) (Free Float & Slide Guide Type)	Compression (Vertical Load) Test & Rotation Test	IRC:83 Part -4, Clause-7.4.1 (iii)
900	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Bridge Bearing (Spherical And Cylindrical) (Free Float & Slide Guide Type)	Friction Test	IRC:83 Part -4, Clause-7.4.1 (iv)
901	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Bridge Bearing (Fixed & Slide Guide Type) (Spherical And Cylindrical)	Combined Vertical and Horizontal Load Test	IRC:83 Part -4, Clause-7.4.1 (v)
902	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Bridge Bearings Elastomeric	Determination of Shear Bond	IRC 83 (Part II): Clause no .4
903	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Bridge Bearings Elastomeric	Determination of Compressive Stiffness	IRC 83 (Part II): Clause C.3
904	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Bridge Bearings Elastomeric	Determination of Shear Modulus	IRC 83 (Part II):Clause C.2
905	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Knuckle Pinned Multi Roller Bearing	Rotational movement test	IRC:83 (Part-I) , Clause -8.5
906	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Knuckle Pinned Multi Roller Bearing	Translational movement Test	IRC:83 (Part-I) , Clause -8.5
907	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Knuckle Pinned Multi Roller Bearing	Rotation and Lateral load Test	IRC:83 (Part-I) , Clause -11.1.3



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908	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pin and Metallic Guide Bearings	Rotation test	IRC:83 Part -3, Clause-7.4.3.3.3
909	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pin and Metallic Guide Bearings	Horizontal Load Test	IRC:83 Part -3, Clause-7.4.3.3.1
910	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	POT -PTFE, Free Sliding Bearing, Longitudinal Guided & Transverse Guided Guided Bridge Bearing	Friction Test	IRC:83 Part -3, Clause-7.4.3.3.2
911	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	POT -PTFE, Free Sliding Bearing, Longitudinal Guided & Transverse Guided Guided Bridge Bearing	Proof Load test	IRC:83 Part -3, 2018, Clause-7.4.3.3.1
912	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	POT -PTFE, Free Sliding Bearing, Longitudinal Guided & Transverse Guided Guided Bridge Bearing	Rotation Test	IRC:83 Part -3, 2018, Clause-7.4.3.3.3
913	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	POT FIXED BEARING	Rotation test	IRC:83 Part -3, Clause-7.4.3.3.3
914	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	POT FIXED BEARING	Proof Load test	IRC:83 Part -3, Clause-7.4.3.3.1



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Site Testing				
1	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient air	Ozone(O3)	IS 5182(Part9)
2	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter PM 2.5	IS:5182(Part-24)(CL-9.1)
3	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient air	Respirable Suspended Particulate Matter(PM10)	IS:5182(Part-23)(CL-8.1)
4	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient air	Sulphur Dioxide(SO2)	IS:5182 (Part-2) (CL- 10.1)
5	CHEMICAL-ATMOSPHERIC POLLUTION	Illumination(Lux levels)	Illumination levels	IS : 6665
6	CHEMICAL-ATMOSPHERIC POLLUTION	Illumination(Lux levels)	Illumination levels	IS: 3646(P-1)
7	CHEMICAL-ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide(CO2)	IS13270(CL-4.6) (Orsat analysis)
8	CHEMICAL-ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen(NO2)	IS 11255(Part-7)(CL- 5.0)
9	CHEMICAL-ATMOSPHERIC POLLUTION	Stack Emission	Oxygen(O2)	IS 13270(CL-4.6)(Orsat analysis)
10	CHEMICAL-ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter (PM)	IS 11255(Part-1)(CL-5.3)
11	CHEMICAL-ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide(SO2)	IS 11255(Part-2)(CL-8):



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12	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Retro reflective Signboards/Road Studs	Coefficient of Retro-reflection- Signboard	ASTM E810
13	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Retro reflective/TRMM	Coefficient of Retro-reflection- RL & QD	ASTM E1709-16e2
14	MECHANICAL- SOIL-ADVANCED	Soil	Permeability (by Constant Head Method)	IS 2720 (Part 17)
15	MECHANICAL- SOIL-ADVANCED	Soil	Permeability (by Falling Head Method)	IS 2720 (Part 17)
16	MECHANICAL- SOIL-FIELD	Concrete Pile	Dynamic Pile Load Test	ASTM D 4595
17	MECHANICAL- SOIL-FIELD	Concrete Pile	Lateral Pile Load Test	IS 2911 (Part 4)
18	MECHANICAL- SOIL-FIELD	Concrete Pile	Pile Pullout Test	IS 2911 (Part 4) Clause No 9
19	MECHANICAL- SOIL-FIELD	Concrete Pile	Pullout test on piles	IS 2911 (Part 4)
20	MECHANICAL- SOIL-FIELD	Concrete Pile	Static Pile Load Test	IS 2911 (Part 4)
21	MECHANICAL- SOIL-FIELD	Soil	(Modulus Sub Grade Reaction) Ev2 Test	DIN 18134
22	MECHANICAL- SOIL-FIELD	Soil	(Modulus Sub Grade Reaction) K-Value Test	IS 9214
23	MECHANICAL- SOIL-FIELD	Soil	Dry Density of Soils In-place by the Core-cutter Method	IS 2720 (Part-29)



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24	MECHANICAL- SOIL-FIELD	Soil	Dry density of soils, in-place, by the sand replacement method	IS 2720 (Part-28)
25	MECHANICAL- SOIL-FIELD	Soil	Electricals Resistivity Test	IS 15736
26	MECHANICAL- SOIL-FIELD	Soil	Plate Load Test	IS 1888
27	MECHANICAL- SOIL-FIELD	Soil	Standard Penetration Test(Soil Investigation Test)	IS 2131
28	MECHANICAL- SOIL-FIELD	Soil	Vane Shear Test	IS 2720 (Part-30)
29	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Dead & Live Load for each Arch	IS: 875 (Part-1)
30	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Pullout Strength of Hardness Concrete	ASTM C 900
31	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Benkelman Beam Deflection Test (Bituminous Section)	IRC 81
32	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Bridge Load Test (Bituminous & Concrete Section)	IRC SP 51



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33	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Capo Test(cut & Pull out)	ASTM C 900
34	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Depth	BS-EN 14630
35	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Depth	IS 516 (Part-5/Sec 3)
36	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Cover Meter	BS 1881 (Part 204)
37	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Falling Weight Delectometer(FWD)	IRC 115
38	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half Cell Potential	ASTM C 876
39	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half Cell Potential	IS 516(Part-5/Sec 2):



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40	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Pile Integrity Test	ASTM - D 5882
41	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 516(Part-5/Sec 4):
42	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Surface evenness of Highway Pavements by NSV(LCMS-2)	IRC SP 16
43	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Surface evenness of Highway Pavements (Bituminous & Concrete Road)	IRC SP 16
44	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Cross hole Logging Test	ASTM D6760
45	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity Test	IS:516(P-5/Sec-1):

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.