



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TESTCRETE ENGINEERING SOLUTIONS LLP, HOUSE NO. 661, SHOP NO. 1 & 2, GROUND FLOOR,
GANESH KRUPA CHAWL, NEVALI NAKA, AMBERNATH, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

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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	Admixture/Shortcrete/Accelarator	Appearance	TCS/SOP/CHEM/09, Issue No. 1, Issue Date: 08.06.2024
2	CHEMICAL- BUILDING MATERIAL	Admixture/Shortcrete/Accelarator	Ash Content	IS 9103
3	CHEMICAL- BUILDING MATERIAL	Admixture/Shortcrete/Accelarator	Chloride	IS 6925
4	CHEMICAL- BUILDING MATERIAL	Admixture/Shortcrete/Accelarator	Dry Material Content	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture/Shortcrete/Accelarator	pH	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Admixture/Shortcrete/Accelarator	Relative Density	IS 9103
7	CHEMICAL- BUILDING MATERIAL	Admixture/Shortcrete/Accelarator	Sulphate	TCS/SOP/CHEM/10, Issue No. 1, Issue Date: 08.06.2024
8	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Appearance	RDSO Specification No. M&C/PCN/126
9	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Immersion Test for 720 Hrs	ASTM G1
10	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Viscosity	IS 101-1-5 (by Ford Cup)
11	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Accelerated Corrosion Test for 21 Hrs	JIS Z 1535
12	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Appearance	TCS/SOP/CHEM/03, Issue No. 01, Issue Date: 08.06.2024
13	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Odour	RDSO Specification No. M&C/PCN/126
14	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Odour	TCS/SOP/CHEM/04, Issue No. 01, Issue Date: 08.06.2024



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15	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	pH	IS 9103
16	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Skin Irritation	RDSO Specification No. M&C/PCN/126
17	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Skin Irritation	TCS/SOP/CHEM/07, Issue No. 01, Issue Date: 08.06.2024
18	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Specific Gravity	TCS/SOP/CHEM/08, Issue No. 01, Issue Date: 08.06.2024
19	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Viscosity	TCS/SOP/CHEM/11, Issue No. 01, Issue Date: 08.06.2024
20	CHEMICAL- BUILDING MATERIAL	Ceramic Tile (Glazed)	Chemical Resistance	IS 13630 (Part 8)
21	CHEMICAL- BUILDING MATERIAL	Ceramic Tile (Unglazed)	Chemical Resistance	IS 13630 (Part 7)
22	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate/Fine Aggregate	Alkali Aggregate Reactivity - Dissolved Silica	IS 2386 (Part 7)
23	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate/Fine Aggregate	Alkali Aggregate Reactivity - Reduction in Alkalinity	IS 2386 (Part 7)
24	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate/Fine Aggregate	Chloride	BS EN 1744-1 + A1
25	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate/Fine Aggregate	Chloride	IS 14959 (Part 1)
26	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate/Fine Aggregate	pH	TCS/SOP/CHEM/01, Issue No. 1, Issue Date: 08.06.2024
27	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate/Fine Aggregate	Sulphate	BS EN 1744-1 + A1
28	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate/Fine Aggregate	Water Soluble Sulphate	TCS/SOP/CHEM/02, Issue No. 1, Issue Dated: 08.06.2024



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29	CHEMICAL- BUILDING MATERIAL	Concrete/Mortar	Chloride	ASTM C1218
30	CHEMICAL- BUILDING MATERIAL	Crushed Sand/Natural Sand/Manufactured Sand	Alkali Aggregate Reactivity - Dissolved Silica	IS 2386 (Part 7)
31	CHEMICAL- BUILDING MATERIAL	Crushed Sand/Natural Sand/Manufactured Sand	Alkali Aggregate Reactivity - Reduction in Alkalinity	IS 2386 (Part 7)
32	CHEMICAL- BUILDING MATERIAL	Crushed Sand/Natural Sand/Manufactured Sand	Chloride	BS EN 1744-1 + A1
33	CHEMICAL- BUILDING MATERIAL	Crushed Sand/Natural Sand/Manufactured Sand	Chloride	IS 14959 (Part 1)
34	CHEMICAL- BUILDING MATERIAL	Crushed Sand/Natural Sand/Manufactured Sand	pH	TCS/SOP/CHEM/01, Issue No. 1, Issue Date: 08.06.2024
35	CHEMICAL- BUILDING MATERIAL	Crushed Sand/Natural Sand/Manufactured Sand	Sulphate	BS EN 1744-1 + A1
36	CHEMICAL- BUILDING MATERIAL	Crushed Sand/Natural Sand/Manufactured Sand	Water Soluble Sulphate	TCS/SOP/CHEM/02, Issue No. 1, Issue Date: 08.06.2024
37	CHEMICAL- BUILDING MATERIAL	Crystalline Admixture	Homogeneity	EN 934-2
38	CHEMICAL- BUILDING MATERIAL	Curing Compound/Debonding Agent	pH	TCS/SOP/CHEM/05, Issue No. 01, Issue Date: 08.06.2024
39	CHEMICAL- BUILDING MATERIAL	Curing Compound/Debonding Agent	Relative Density	TCS/SOP/CHEM/06
40	CHEMICAL- BUILDING MATERIAL	Fly ash/Ultrafine Fly ash	Available Alkalis as Equivalent Sodium Oxide (Na ₂ O) in Percent by Mass	IS 3812 (Part 1) (Annex C)
41	CHEMICAL- BUILDING MATERIAL	Fly ash/Ultrafine Fly ash	Calcium Oxide	IS 1727
42	CHEMICAL- BUILDING MATERIAL	Fly ash/Ultrafine Fly ash	Combined Ferric Oxide and Alumina	IS 1727



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43	CHEMICAL- BUILDING MATERIAL	Fly ash/Ultrafine Fly ash	Loss on Ignition	IS 1727
44	CHEMICAL- BUILDING MATERIAL	Fly ash/Ultrafine Fly ash	Magnesia (MgO)	IS 1727
45	CHEMICAL- BUILDING MATERIAL	Fly ash/Ultrafine Fly ash	Silica (SiO ₂)	IS 1727
46	CHEMICAL- BUILDING MATERIAL	Fly ash/Ultrafine Fly ash	Sulphuric Anhydride (SO ₃)	IS 1727
47	CHEMICAL- BUILDING MATERIAL	Fly ash/Ultrafine Fly ash	Chloride	IS 4032
48	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Moisture Content	IS 16714 (Annex B)
49	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag/Ultrafine Ground Granulated Blast Furnace Slag/Alcofine	Alumina	IS 4032 (Clause 4.6.2)
50	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag/Ultrafine Ground Granulated Blast Furnace Slag/Alcofine	Calcium Oxide (CaO)	IS 4032 (Clause 4.7.2)
51	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag/Ultrafine Ground Granulated Blast Furnace Slag/Alcofine	Insoluble Residue	IS 4032
52	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag/Ultrafine Ground Granulated Blast Furnace Slag/Alcofine	Iron Oxide	IS 4032 (Clause 4.5.2)
53	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag/Ultrafine Ground Granulated Blast Furnace Slag/Alcofine	Loss on Ignition	IS 4032
54	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag/Ultrafine Ground Granulated Blast Furnace Slag/Alcofine	Magnesia	IS 4032 (Clause 4.8.2)
55	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag/Ultrafine Ground Granulated Blast Furnace Slag/Alcofine	Silica	IS 4032
56	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag/Ultrafine Ground Granulated Blast Furnace Slag/Alcofine	Sulphuric Anhydride (SO ₃)	IS 4032
57	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster/Calcined Gypsum (Hemihydrated)	Calcium Oxide	IS 1288 (Clause 10.1)
58	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster/Calcined Gypsum (Hemihydrated)	Free Lime	IS 2547 (Part 1)



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59	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster/Calcined Gypsum (Hemihydrated)	Loss on Ignition	IS 2547 (Part 1)
60	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster/Calcined Gypsum (Hemihydrated)	Sulphur Trioxide	IS 1288 (Clause 12)
61	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Acid Soluble Chloride	BS 1881 (Part 124)
62	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Acid Soluble Sulphate	BS 1881 (Part 124)
63	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	pH of Aqueous Solutions with the Glass Electrode	ASTM E70
64	CHEMICAL- BUILDING MATERIAL	Hardened Concrete/Mortar	Chloride	IS 14959 (Part 2)
65	CHEMICAL- BUILDING MATERIAL	Microsilica/Silicafume	Alkalies as Na ₂ O	IS 15388, Amd. 1 (Annex A)
66	CHEMICAL- BUILDING MATERIAL	Mineral Gypsum	Calcium Oxide	IS 1288 (Clause 10.1)
67	CHEMICAL- BUILDING MATERIAL	Mineral Gypsum	Combined Water	IS 1288 (Clause 6)
68	CHEMICAL- BUILDING MATERIAL	Mineral Gypsum	Free Water	IS 1288 (Clause 4)
69	CHEMICAL- BUILDING MATERIAL	Mineral Gypsum	Iron & Aluminium Oxide	IS 1288 (Clause 9)
70	CHEMICAL- BUILDING MATERIAL	Mineral Gypsum	Magnesium Oxide	TCS/SOP/CHEM/12, Issue No. 01, Issue Date: 08.06.2024
71	CHEMICAL- BUILDING MATERIAL	Mineral Gypsum	Silica and Acid Insoluble	IS 1288 (Clause 8)
72	CHEMICAL- BUILDING MATERIAL	Mineral Gypsum	Sulphur Trioxide	IS 1288 (Clause 12)
73	CHEMICAL- BUILDING MATERIAL	Mould Release Agent/Shuttering Oil	Colour	TCS/SOP/CHEM/14, Issue No. 01, Issue Date: 08.06.2024
74	CHEMICAL- BUILDING MATERIAL	Mould Release Agent/Shuttering Oil	Density	IS 1448 (Part 16)



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75	CHEMICAL- BUILDING MATERIAL	Mould Release Agent/Shuttering Oil	pH Value	TCS/SOP/CHEM/15, Issue No. 01, Issue Date: 08.06.2024
76	CHEMICAL- BUILDING MATERIAL	Mould Release Agent/Shuttering Oil	Viscosity	TCS/SOP/CHEM/16, Issue No. 01, Issue Date: 08.06.2024 (by Ford Cup)
77	CHEMICAL- BUILDING MATERIAL	Mould Release Agent/Shuttering Oil	Specific Gravity	TCS/SOP/CHEM/17, Issue No. 01, Issue Date: 08.06.2024
78	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Alumina (Al ₂ O ₃)	IS 4032 (Clause 4.6.2)
79	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Calcium Oxide (CaO)	IS 4032 (Clause 4.7.2)
80	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Chloride Content	IS 4032, Amd. 2 (Clause 4.13)
81	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Ferric Oxide (Fe ₂ O ₃)	IS 4032 (Clause 4.5.2)
82	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Insoluble Residue	IS 4032 (Clause 4.10)
83	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Loss on Ignition	IS 4032 (Clause 4.2)
84	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Magnesia Oxide (MgO)	IS 4032 (Clause 4.8.2)
85	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Silica (SiO ₂)	IS 4032 (Clause 4.3)
86	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Sulphuric Anhydride(SO ₃)	IS 4032 (Clause 4.9)
87	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Water Soluble Alkali as Na ₂ O	IS 4032 (Clause 4.12)
88	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Chloride Content	IS 4032, Amd. 2 (Clause 4.13)
89	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Insoluble Residue	IS 4032 (Clause 4.10)



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90	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Loss on Ignition	IS 4032 (Clause 7.1)
91	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Magnesia Oxide (MgO)	IS 4032 (Clause 7.2)
92	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Sulphuric Anhydride (SO ₃)	IS 4032 (Clause 4.9)
93	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Water Soluble Alkali as Na ₂ O	IS 4032 (Clause 4.12)
94	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Alumina (Al ₂ O ₃)	IS 4032 (Clause 4.6.2)
95	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Calcium Oxide (CaO)	IS 4032 (Clause 6.7.2)
96	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Chloride Content	IS 4032, Amend 2 (Clause 4.13)
97	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Ferric Oxide (Fe ₂ O ₃)	IS 4032 (Clause 4.5.2)
98	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Insoluble Residue	IS 4032 (Clause 4.10)
99	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Loss on Ignition	IS 4032 (Clause 4.2)
100	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Magnesia Oxide (MgO)	IS 4032 (Clause 6.8.2)
101	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Silica (SiO ₂)	IS 4032 (Clause 4.3)
102	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Sulphuric Anhydride (SO ₃)	IS 4032 (Clause 4.9)
103	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Water Soluble Alkali as Na ₂ O	IS 4032 (Clause 4.12)
104	CHEMICAL- BUILDING MATERIAL	Silica Fume	Loss on Ignition	IS 1727
105	CHEMICAL- BUILDING MATERIAL	Silica Fume	Moisture Content	IS 15388



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106	CHEMICAL- BUILDING MATERIAL	Silica Fume	Silica (SiO ₂)	IS 1727
107	CHEMICAL- BUILDING MATERIAL	Silicafume/Microsilica/Fly ash	Loss on Ignition	ASTM C311
108	CHEMICAL- BUILDING MATERIAL	Silicafume/Microsilica/Fly ash	Moisture Content	ASTM C311
109	CHEMICAL- BUILDING MATERIAL	Silicafume/Microsilica/Fly ash/Cement	Silicon Dioxide (SiO ₂)	ASTM C114
110	CHEMICAL- BUILDING MATERIAL	Sodium Silicate	Matter Insoluble in Water	IS 14212 (Annex 3)
111	CHEMICAL- BUILDING MATERIAL	Sodium Silicate	Relative Density	IS 14212 (Annex 5)
112	CHEMICAL- BUILDING MATERIAL	Sodium Silicate	Sulphate as Na ₂ SO ₄	IS 14212 (Annex 15)
113	CHEMICAL- BUILDING MATERIAL	Ultrafine Ground Granulated Blast Furnace Slag	Chloride Content	IS 4032
114	CHEMICAL- BUILDING MATERIAL	Ultrafine Ground Granulated Blast Furnace Slag	Moisture Content	IS 16715 (Annex B)
115	CHEMICAL- METALS & ALLOYS	Carbon Steel	Chromium	IS 228 (Part 6)
116	CHEMICAL- METALS & ALLOYS	Carbon Steel	Manganese	IS 228 (Part 2)
117	CHEMICAL- METALS & ALLOYS	Carbon Steel	Molybdenum	IS 228 (Part 7)
118	CHEMICAL- METALS & ALLOYS	Carbon Steel	Nickel	IS 228 (Part 5)
119	CHEMICAL- METALS & ALLOYS	Carbon Steel	Phosphorus	IS 228 (Part 3)
120	CHEMICAL- METALS & ALLOYS	Carbon Steel	Silicon	IS 228 (Part 8)
121	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulphur	IS 228 (Part 9) (by Evolution Method)



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122	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulphur	TCS/SOP/CHEM/13, Issue No. 1, Issue Date: 08.06.2024
123	CHEMICAL- METALS & ALLOYS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Carbon Equivalent	IS 1786
124	CHEMICAL- METALS & ALLOYS	Low Alloy Carbon Steel	Carbon	IS 228 (Part 1)
125	CHEMICAL- SOIL AND ROCK	Bentonite	Loss on Ignition	IS 6186
126	CHEMICAL- SOIL AND ROCK	Bentonite	pH Value	IS 6186
127	CHEMICAL- SOIL AND ROCK	Soil	Chloride	BS 1377-3
128	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (Part 22)
129	CHEMICAL- SOIL AND ROCK	Soil	pH Value	IS 2720 (Part 26)
130	CHEMICAL- SOIL AND ROCK	Soil	Sulphate (SO ₄)	IS 2720 (Part 27)
131	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Solids	IS 2720 (Part 21)
132	CHEMICAL- WATER	Construction Water	Chlorides	IS 3025 (Part 32)
133	CHEMICAL- WATER	Construction Water	Inorganic Solids	IS 3025 (Part 18)
134	CHEMICAL- WATER	Construction Water	Organic Solids	IS 3025 (Part 18)
135	CHEMICAL- WATER	Construction Water	pH Value	IS 3025 (Part 11)
136	CHEMICAL- WATER	Construction Water	Sulphate (SO ₃)	IS 3025 (Part 24/Sec 1)
137	CHEMICAL- WATER	Construction Water	Suspended Matter	IS 3025 (Part 17)
138	CHEMICAL- WATER	Construction Water	Total Acidity (Volume of 0.02 N NaOH required to Neutralize 100 ml Sample of Water using Phenolphthalein as an Indicator)	IS 3025 (Part 22)



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139	CHEMICAL- WATER	Construction Water	Total Alkalinity (Volume of 0.02 N H ₂ SO ₄ required to Neutralize 100 ml Sample of Water using Mixed Indicator)	IS 3025 (Part 23)
140	CHEMICAL- WATER	Construction Water	Total Hardness	IS 3025 (Part 21)
141	CHEMICAL- WATER	Construction Water	Volume of 0.1 N HCl required to Neutralize 200 ml of Water using Methyl Orange as an Indicator	IRS CBC (Clause 4.3)
142	CHEMICAL- WATER	Construction Water	Volume of 0.1 N NaOH required to Neutralize 200 ml of water using Phenolphthalein as an Indicator	IRS CBC (Clause 4.3)
143	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Chequered Cement Concrete Tiles	Dimension (Length, Width, Thickness)	IS 13801
144	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Admixture	Bleeding	IS 9103
145	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Admixture	Flow of Concrete of High Workability	IS 9103
146	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Admixture	Length Change	IS 516 (Part 6)



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147	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Admixture	Setting Time of Concrete	IS 1199 (Part 7) (by Penetration Resistance)
148	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Admixture	Slump Test	IS 1199 (Part 2)
149	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Admixture	Water Content	IS 9103
150	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Admixture/Construction Chemical	Marsh Funnel Viscosity of Construction Slurries	ASTM D6910
151	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Admixtures for Concrete, Mortar and Grout	Capillary Absorption	EN 480-5
152	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Admixtures for Concrete, Mortar and Grout	Compressive Strength	EN 12390-3
153	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Auclaved Aerated Concrete Block (AAC)	Dimension (Height)	IS 2185 (Part 3)



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154	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Auclaved Aerated Concrete Block (AAC)	Dimension (Length)	IS 2185 (Part 3)
155	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Auclaved Aerated Concrete Block (AAC)	Dimension (Width)	IS 2185 (Part 3)
156	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Autoclaved Cellular Concrete	Bulk Density	IS 6441 (Part 1)
157	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Autoclaved Cellular Concrete	Compressive Strength	IS 6441 (Part 5)
158	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Autoclaved Cellular Concrete	Drying Shrinkage	IS 6441 (Part 2)
159	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Autoclaved Cellular Concrete	Moisture Content	IS 6441 (Part 1)
160	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ballast	Aggregate Impact Value	IS 2386 (Part 4)



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161	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ballast	Bulk Density (Loose/Rodded)	IS 2386 (Part 3)
162	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ballast	Los Angeles Abrasion Value	IS 2386 (Part 4)
163	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ballast	Sieve Analysis (Sieve Size: 80 mm to 4.75 mm)	IS 2386 (Part 1)
164	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ballast	Water Absorption	IS 2386 (Part 3)
165	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bipolar Concrete Penetrating Corrosion Admixture	Effects of Chemical Admixtures on Corrosion of Embedded Steel Reinforcement in Concrete Exposed to Chloride Environments	ASTM G109
166	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bipolar Concrete Penetrating Corrosion Admixture	Electrochemical Polarization Test	ASTM G3 (by Tafel Palrization)
167	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Chloride Migration Profile Properties of Concrete With and Without CPCIA	AASTHO T-259



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168	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Effects of Chemical Admixtures on Corrosion of Metal in Concrete	ASTM G109
169	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Block Jointing Mortar	Sieve Analysis (Sieve Size: 1 mm to 90 micron)	IS 2386 (Part 1)
170	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	Compressive Strength	IS 3495 (Part 1)
171	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	Dimension (Height)	IS 1077
172	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	Dimension (Length)	IS 1077
173	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	Dimension (Width)	IS 1077
174	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	Efflorescence	IS 3495 (Part 3)



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175	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	Water Absorption	IS 3495 (Part 2)
176	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Fly Ash Building Bricks	Dimension (Length, Width, Height)	IS 13757
177	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Flooring Tiles	Dimension (Length)	IS 1237
178	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Flooring Tiles	Dimension (Thickness)	IS 1237
179	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Flooring Tiles	Dimension (Width)	IS 1237
180	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Flooring Tiles	Flatness	IS 1237 (Annex B)
181	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Flooring Tiles	Perpendicularity	IS 1237 (Annex C)



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182	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Flooring Tiles	Straightness	IS 1237 (Annex D)
183	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS 1237 (Annex E)
184	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Flooring Tiles	Wet Transverse Strength	IS 1237 (Annex F)
185	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cementitious Grout/Epoxy Grout	Bleeding	ASTM C940
186	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cementitious Grout/Epoxy Grout	Expansion	ASTM C940
187	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cementitious Grout/Epoxy Grout	Flow	ASTM C939
188	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic/Vitrified Tiles	Breaking Strength	IS 13630 (Part 6)



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189	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic/Vitrified Tiles	Dimension (Length)	IS 13630 (Part 1)
190	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic/Vitrified Tiles	Dimension (Thickness)	IS 13630 (Part 1)
191	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic/Vitrified Tiles	Dimension (Width)	IS 13630 (Part 1)
192	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic/Vitrified Tiles	Modulus of Rupture	IS 13630 (Part 6)
193	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic/Vitrified Tiles	Rectangularity	IS 13630 (Part 1)
194	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic/Vitrified Tiles	Scratch Hardness	IS 13630 (Part 13) (by Moh's Scale)
195	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic/Vitrified Tiles	Straightness	IS 13630 (Part 1)



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196	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic/Vitrified Tiles	Water Absorption	IS 13630 (Part 2)
197	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Chequered Cement Concrete Tiles	Dimension	IS 13801
198	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Chequered Cement Concrete Tiles	Flatness	IS 13801
199	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Chequered Cement Concrete Tiles	Perpendicularity	IS 13801
200	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Chequered Cement Concrete Tiles	Straightness	IS 13801
201	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Chequered Cement Concrete Tiles	Water Absorption	IS 13801
202	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Chequered Cement Concrete Tiles	Wet Transverse Strength	IS 13801



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203	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Alkali Aggregate Reactivity	IS 2386 (Part 7) (by Accelerated Mortar-Bar Method)
204	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Bulk Density (Loose/Rodded)	IS 2386 (Part 3)
205	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
206	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Deleterious Material (Coal & Lignite)	IS 2386 (Part 2)
207	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Deleterious Material (Soft Fragments)	IS 2386 (Part 2)
208	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
209	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)



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210	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
211	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Los Angeles Abrasion Value	IS 2386 (Part 4)
212	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Material Finer than 75 micron	IS 2386 (Part 1)
213	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Sieve Analysis (Seive Size: 80 mm to 2.36 mm)	IS 2386 (Part 1)
214	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Soundness	IS 2386 (Part 5) (by Magnesium Sulphate)
215	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Soundness	IS 2386 (Part 5) (by Sodium Sulphate)
216	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)



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217	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Ten Percent Fines Value	IS 2386 (Part 4)
218	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
219	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Deleterious Material (Clay & Lumps)	IS 2386 (Part 2)
220	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coating on Concrete (Cement Base Wall Putty/Ready Mix Plaster/Joining Mortar/Paint/Tile Adhesive/Sand Plaster/Gypsum Plaster)	Pull-Off Adhesion Test	ASTM D4541
221	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Bleeding	IS 9103
222	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Compressive Strength	IS 516 (Part 1/Sec 1)
223	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Flexural Strength	IS 516 (Part 1/Sec 1)



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224	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Flow of Concrete of High Workability	IS 9103
225	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cover Block	Crushing Value	TC/SOP/MECH/02, Issue No. 01, Issue Date: 08.06.2024
226	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cover Block	Water Absorption	TC/SOP/MECH/03/2024, Issue No. 01, Issue Date: 08.06.2024
227	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Curing Compound/Debonding Agent	Water Retention	ASTM C156
228	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Curing Compound/Debonding Agent	Curing Efficiency	BS 7542
229	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Curing Compound/Debonding Agent	Drying Time	ASTM C309
230	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Curing Compound/Debonding Agent	Long-Term Settling Test	ASTM D869



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231	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Epoxy Adhesive	Compressive Strength	FIP 5.12
232	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Epoxy Adhesive	Tensile Bending Strength	FIP 5.14
233	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fibre Reinforced Beam	Flexural Strength	EN 14488-3
234	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fibre Reinforced Polyester (FRP)	Flexural Strength	ASTM D790
235	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fibre Reinforced Polyester (FRP)	Ultimate Tensile Strength	ASTM D638
236	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fibre Reinforced Polyester (FRP) Man Hole Frame and Cover	Load Test	BS EN 124-6
237	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fibre Reinforced Slab	Energy Absorption Capacity	EN 14488-5



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238	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Soundness	IS 2386 (Part 5) (by Magnesium Sulphate)
239	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Alkali Aggregate Reactivity	IS 2386 (Part 7) (by Mortar Bar Method)
240	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Bulk Density (Loose/Rodded)	IS 2386 (Part 3)
241	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Deleterious Material (Clay Lumps)	IS 2386 (Part 2)
242	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Deleterious Material (Coal & Lignite)	IS 2386 (Part 2)
243	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Material Finer than 75 micron	IS 2386 (Part 1)
244	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Organic Impurities	IS 2386 (Part 2)



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245	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Sieve Analysis (Sieve Size: 10 mm to 75 µm)	IS 2386 (Part 1)
246	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Silt Content	CPWD Volume 1 (Clause 3.1.3.2)
247	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Soundness	IS 2386 (Part 5) (by Sodium Sulphate)
248	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
249	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
250	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash/Ultrafine Fly ash	Compressive Strength	IS 1727
251	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash/Ultrafine Fly ash	Drying Shrinkage	IS 1727



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252	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash/Ultrafine Fly ash	Final Setting Time	IS 1727
253	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash/Ultrafine Fly ash	Fineness	IS 1727 (by Sieving, 45 micron)
254	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash/Ultrafine Fly ash	Initial Setting Time	IS 1727
255	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash/Ultrafine Fly ash	Lime Reactivity	IS 1727
256	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash/Ultrafine Fly ash	Soundness	IS 1727 (by Le-Chatelier Method)
257	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash/Ultrafine Fly ash	Specific Gravity	IS 1727
258	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash/Ultrafine Fly ash	Specific Surface	IS 1727



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259	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Concrete	Air Content	IS 1199 (Part 4)
260	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Concrete	Slump Test	IS 1199 (Part 2)
261	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fusion Bond Epoxy Coated (FBEC) Steel/Cement Polymer Composite Coated (CPCC) Steel	Adhesion of Coating	IS 13620
262	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fusion Bond Epoxy Coated (FBEC) Steel/Cement Polymer Composite Coated (CPCC) Steel	Continuity of Coating	IS 13620
263	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fusion Bond Epoxy Coated (FBEC) Steel/Cement Polymer Composite Coated (CPCC) Steel	Thickness of Coating	IS 13620
264	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Glass Fibre Reinforcement Polymer	Area	ASTM D7205
265	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Glass Fibre Reinforcement Polymer	Elongation	ASTM D7205



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266	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Glass Fibre Reinforcement Polymer	Modulus of Elasticity	ASTM D7205
267	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Glass Fibre Reinforcement Polymer	Ultimate Tensile Load	ASTM D7205
268	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Glass Fibre Reinforcement Polymer	Ultimate Tensile Strength	ASTM D7205
269	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Glass Fibre Reinforcement Polymer	Weight per meter	TCS/SOP/MECH/01, Issue No. 01, Issue Date: 08.06.2024
270	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base (GSB)	Bulk Density (Loose/Rodded)	IS 2386 (Part 3)
271	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base (GSB)	Crushing Value	IS 2386 (Part 4)
272	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base (GSB)	Elongation Index	IS 2386 (Part 1)



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273	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base (GSB)	Flakiness Index	IS 2386 (Part 1)
274	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base (GSB)	Impact Value	IS 2386 (Part 4)
275	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base (GSB)	Los Angeles Abrasion Value	IS 2386 (Part 4)
276	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base (GSB)	Sieve Analysis (Sieve Size: 75 mm to 75 micron)	IS 2386 (Part 1)
277	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base (GSB)	Soundness	IS 2386 (Part 5) (by Magnesium Sulphate)
278	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base (GSB)	Soundness	IS 2386 (Part 5) (by Sodium Sulphate)
279	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base (GSB)	Specific Gravity	IS 2386 (Part 3)



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280	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base (GSB)	Water Absorption	IS 2386 (Part 3)
281	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ground Granulated Blast Furnace Slag (GGBS)	Slag Activity Index	IS 16714
282	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Grout	Bleeding	ASTM C940
283	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Grout	Compressive Strength	ASTM C942
284	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Grout	Expansion	ASTM C940
285	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Grout	Fluidity	ASTM C939
286	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Grout/Ready Mixed Building Mortar	Compressive Strength	ASTM C579



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287	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Grout/Ready Mixed Building Mortar	Compressive Strength	BS 6319-2
288	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Grout/Ready Mixed Building Mortar	Flexural Strength	ASTM C580
289	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Grout/Ready Mixed Building Mortar	Flexural Strength	BS 6319-3
290	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Grout/Ready Mixed Building Mortar	Linear Shrinkage	ASTM C531
291	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Grout/Ready Mixed Building Mortar	Tensile Strength	BS 6319-7
292	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Grout/Ready Mixed Building Mortar	Water Absorption	ASTM C413
293	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Gypsum Plaster	Compressive Strength	IS 2542 (Part 1/Sec 5)



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294	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Gypsum Plaster	Density	IS 2542 (Part 1/Sec 12)
295	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Gypsum Plaster	Fineness	IS 2542 (Part 1/Sec 14)
296	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Gypsum Plaster	Normal Consistency	IS 2542 (Part 1/Sec 1)
297	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Gypsum Plaster	Setting Time	IS 2542 (Part 1/Sec 3)
298	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Gypsum Products	Dimension (Length)	IS 2542 (Part 2/Sec 1)
299	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Gypsum Products	Dimension (Thickness)	IS 2542 (Part 2/Sec 1)
300	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Gypsum Products	Dimension (Width)	IS 2542 (Part 2/Sec 1)



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301	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Gypsum Products	Mass	IS 2542 (Part 2/Sec 2)
302	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Gypsum Products	Moisture Content/ Free Moisture	IS 2542 (Part 2/Sec 7)
303	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Gypsum Products	Water Absorption	IS 2542 (Part 2/Sec 6)
304	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Chloride Diffusion Coefficient	ASTM C1556
305	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Compressive Strength	EN 12390-3
306	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Compressive Strength	IS 516 (Part 1/Sec 1)
307	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Compressive Strength	IS 9013 (by Accelerated-Cured Concrete)



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308	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Density	IS 516 (Part 2/Sec 1)
309	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Depth of Penetration of Water under Pressure	IS 516 (Part 2/Sec 1)
310	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Drying Shrinkage	IS 516 (Part 6)
311	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Flexural Strength	IS 516 (Part 1/Sec 1)
312	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Initial Surface Absorption	IS 516 (Part 2/Sec 2)
313	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Initial Surface Absorption (ISAT)	BS 1881-208
314	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Length Change	ASTM C1012



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315	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Length Change of Concrete due to Alkali-Silica Reaction	ASTM C1293
316	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Modulus of Elasticity	IS 516 (Part 8/Sec 1)
317	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Moisture Movement	IS 516 (Part 6)
318	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Permeability	Indian Railway Standard (IRS) Bridge Code, Appendix G
319	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Permeability	MoRTH Clause 1700
320	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Rapid Chloride Migration Test	NT BUILD 492
321	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Rapid-Ion Chloride Penetration	ASTM C1202



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322	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Reduction Shrinkage Cracks	ISO 1920-8
323	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Splitting Tensile Strength	IS 516 (Part 1/Sec 1)
324	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete (Core)	Compressive Strength	IS 516 (Part 4)
325	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete (Cube)	Compressive Strength	IS 516 (Part 1/Sec 1)
326	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete (Cube/Core/Cylinder)	Depth of Penetration of Water under Pressure	BS EN 12390-8
327	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete (Cube/Core/Cylinder)	Water Absorption	BS 1881-122
328	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete (Cube/Cylinder)	Compressive Strength	IS 516



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329	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete (Cube/Cylinder)	Water Absorption	ASTM C642
330	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Re-Bend Test	IS 1786
331	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hollow & Solid Concrete Blocks	Dimension (Length)	IS 2185 (Part 1) (Annex B)
332	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hollow & Solid Concrete Blocks	Dimension (Thickness)	IS 2185 (Part 1) (Annex B)
333	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hollow & Solid Concrete Blocks	Dimension (Width)	IS 2185 (Part 1) (Annex B)
334	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hollow and Solid Concrete Blocks	Compressive Strength	IS 2185 (Part 1)
335	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hollow and Solid Concrete Blocks	Density	IS 2185 (Part 1)



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336	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hollow and Solid Concrete Blocks	Drying Shrinkage	IS 2185 (Part 1)
337	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hollow and Solid Concrete Blocks	Moisture Movement	IS 2185 (Part 1)
338	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hollow and Solid Concrete Blocks	Water Absorption	IS 2185 (Part 1)
339	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PSC/PPC)	Drying Shrinkage	IS 4031 (Part 10)
340	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PSC/PPC/GGBS/White Cement)	Fineness	IS 4031 (Part 2) (by Blaine Air Permeability)
341	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PSC/PPC/GGBS/White Cement)	Standard Consistency	IS 4031 (Part 4)
342	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PSC/PPC/White Cement)	Density	IS 4031 (Part 11)



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343	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PSC/PPC/White Cement)	Fineness	IS 4031 (Part 1) (by Dry Sieving)
344	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PSC/PPC/White Cement)	Soundness	IS 4031 (Part 3) (by Le-Chatelier Method)
345	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PSC/PPC/White Cement/Cement Mortar/Integral Water Proofing Compound/Cement Capsule/Resin Capsule)	Compressive Strength	IS 4031 (Part 6)
346	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PSC/PPC/White Cement/Cement Mortar/Integral Water Proofing Compound/Cement Capsule/Resin Capsule)	Final Setting Time	IS 4031 (Part 5)
347	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PSC/PPC/White Cement/Cement Mortar/Integral Water Proofing Compound/Cement Capsule/Resin Capsule)	Initial Setting Time	IS 4031 (Part 5)
348	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Liquid Applied Water Impermeable Product	Water Permeability	DIN 1048-5
349	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Liquid Applied Water Impermeable Product	Water Permeability	EN 14891



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350	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Man Hole frame & Cover (Cast Iron)	Load Test	IS 1726
351	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Man Hole frame & Cover (Concrete)	Load Test	IS 12592
352	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Masonry Cement/Thin Bed Mortar	Air Content	ASTM C185
353	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Masonry Cement/Thin Bed Mortar	Water Retention	ASTM C1506
354	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Masonry Mortars	Compressive Strength	IS 2250
355	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Metallic Materials	0.2 % Proof Stress	IS 1608 (Part 1)
356	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Metallic Materials	Bend Test	IS 1599



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357	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Metallic Materials	Elongation	IS 1608 (Part 1)
358	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Metallic Materials	Reduction in Area	IS 1608 (Part 1)
359	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Metallic Materials	Ultimate Tensile Strength	IS 1608 (Part 1)
360	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Metallic Materials	Yield Stress	IS 1608 (Part 1)
361	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Mortar/Block Jointing Mortar/Ready Mix Plaster	Compressive Strength	ASTM C109
362	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Mortar/Block Jointing Mortar/Ready Mix Plaster	Flexural Strength	ASTM C348
363	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Mortar/Block Jointing Mortar/Ready Mix Plaster	Flow	IS 2250



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364	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Mortar/Block Jointing Mortar/Ready Mix Plaster	Pull Off Adhesion	ASTM D4541
365	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Mortar/Block Jointing Mortar/Ready Mix Plaster/Grout	Tensile Strength	ASTM C307
366	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Block	Compressive Strength	IS 15658
367	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Block	Dimension (Length)	IS 15658 (Annex B)
368	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Block	Dimension (Thickness)	IS 15658 (Annex B)
369	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Block	Dimension (Width)	IS 15658 (Annex B)
370	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Block	Plan Area	IS 15658



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371	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Block	Splitting Tensile Strength	IS 15658
372	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Block	Water Absorption	IS 15658
373	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pozzolanic Materials	Compressive Strength	IS 1727
374	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pozzolanic Materials	Drying Shrinkage	IS 1727
375	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pozzolanic Materials	Final Setting Time	IS 1727
376	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pozzolanic Materials	Fineness	IS 1727 (by Sieving, 45 micron)
377	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pozzolanic Materials	Initial Setting Time	IS 1727



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378	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pozzolanic Materials	Lime Reactivity	IS 1727
379	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pozzolanic Materials	Soundness	IS 1727 (by Le-Chatelier Method)
380	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pozzolanic Materials	Specific Gravity	IS 1727
381	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pozzolanic Materials	Specific Surface	IS 1727
382	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Precast Concrete Kerbs, Channels, Edging, Quadrants and other Associated Fittings	Dimension (Height)	IS 5758
383	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Precast Concrete Kerbs, Channels, Edging, Quadrants and other Associated Fittings	Dimension (Length)	IS 5758
384	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Precast Concrete Kerbs, Channels, Edging, Quadrants and other Associated Fittings	Dimension (Thickness)	IS 5758



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385	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Precast Concrete Kerbs, Channels, Edging, Quadrants, Angles and Offsets	Bending Strength	IS 5758
386	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Precast Concrete Kerbs, Channels, Edging, Quadrants, Angles and Offsets	Compressive Strength	IS 5758
387	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Precast Concrete Kerbs, Channels, Edging, Quadrants, Angles and Offsets	Water Absorption	IS 5758
388	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ready-Mixed Paint for Road Marking	Consistency	IS 164 (Annex D)
389	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ready-Mixed Paint for Road Marking	Density	IS 101 (Part 1/Sec 7)
390	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ready-Mixed Paint for Road Marking	Dry Film Thickness	IS 101 (Part 3/Sec 2)
391	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ready-Mixed Paint for Road Marking	Drying Time	IS 101 (Part 3/Sec 1)



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392	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ready-Mixed Paint for Road Marking	Finish	IS 101 (Part 3/Sec 4)
393	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ready-Mixed Paint for Road Marking	Non-Volatile Matter	IS 101 (Part 8/Sec 2)
394	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ready-Mixed Paint for Road Marking	Pot Life	IS 5410
395	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ready-Mixed Paint for Road Marking	Recoating Property	IS 164 (Annex E)
396	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ready-Mixed Paint for Road Marking	Viscosity	ASTM D1200 (by B4 Ford Cup)
397	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ready-Mixed Paint for Road Marking	Volatile Matter	IS 101 (Part 2/Sec 2)
398	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ready-Mixed Paint for Road Marking	Volatile Organic Compounds	IS 101 (Part 2/Sec 4)



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399	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel	Nominal Mass per meter/Weight per meter	IS 1786
400	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel (Rebar) - Coupler	Slip Test	IS 16172
401	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel (Rebar) - Coupler	Tensile Strength	IS 16172
402	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Silica Fume	Accelerated Pozzolanic Strength Activity Index with Portland Cement	ASTM C311
403	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Silica Fume	Bulk Density	ASTM C1240
404	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Silica Fume	Compressive Strength	ASTM C109
405	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Silica Fume	Percent Retained on 45 microns (No. 325)	ASTM C1240



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406	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Silica Fume	Percent Retained on 45 microns (No. 325), Maximum Variation from Average, Percentage Points	ASTM C1240
407	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Colour	AASHTO M 249
408	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Drying Time	MoRTH 5th Revision (Clause 803.4.1.2)
409	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Glass Beads Content	BS 3262 (Part 1) (Appendix C)
410	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Tile Adhesive	Open Time	EN 12004-2
411	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Tile Adhesive	Shear Adhesion Strength	EN 12004-2
412	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Tile Adhesive	Slip	EN 12004-2



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413	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Tile Adhesive	Tensile Adhesion Strength	EN 12004-2
414	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Tile Grout	Compressive Strength	ISO 13007-4
415	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Tile Grout	Flexural Strength	ISO 13007-4
416	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Tile Grout	Shrinkage	ISO 13007-4
417	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Tile Grout	Water Absorption	ISO 13007-4
418	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ultrafine Ground Granulated Blast Furnace Slag (UGGBFS)	Slag Activity Index	IS 16715
419	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Uncoated Stress Relieved Low Relaxation Seven - Wire (Ply) Strand	0.2 % Proof Load	IS 1608 (Part 1)



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420	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Uncoated Stress Relieved Low Relaxation Seven - Wire (Ply) Strand	Breaking Strength	IS 1608 (Part 1)
421	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Uncoated Stress Relieved Low Relaxation Seven - Wire (Ply) Strand	Dimension (Lay Length)	IS 14268
422	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Uncoated Stress Relieved Low Relaxation Seven - Wire (Ply) Strand	Dimension (Nominal Area)	IS 14268
423	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Uncoated Stress Relieved Low Relaxation Seven - Wire (Ply) Strand	Dimension (Nominal Diameter)	IS 14268
424	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Uncoated Stress Relieved Low Relaxation Seven - Wire (Ply) Strand	Elongation	IS 14268
425	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Uncoated Stress Relieved Low Relaxation Seven - Wire (Ply) Strand	Mass per meter	IS 14268
426	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Uncoated Stress Relieved Low Relaxation Seven - Wire (Ply) Strand	Modulus of Elasticity	IS 14268



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427	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Uncoated Stress Relieved Low Relaxation Seven - Wire (Ply) Strand	Tensile Strength	IS 14268
428	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wall Putty	Compressive Strength	IS 4031 (Part 6)
429	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wall Putty	Final Setting Time	IS 17545 (Annex D)
430	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wall Putty	Initial Setting Time	IS 17545 (Annex D)
431	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wall Putty	Tensile Adhesion Strength	IS 17545 (Annex B)
432	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wall Putty	Water Retentivity	IS 17545 (Annex C)
433	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam (WBM)	Bulk Density (Loose/Rodded)	IS 2386 (Part 3)



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434	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam (WBM)	Crushing Value	IS 2386 (Part 4)
435	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam (WBM)	Elongation Index	IS 2386 (Part 1)
436	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam (WBM)	Flakiness Index	IS 2386 (Part 1)
437	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam (WBM)	Impact Value	IS 2386 (Part 4)
438	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam (WBM)	Sieve Analysis (Sieve Size: 75 mm to 180 micron)	IS 2386 (Part 1)
439	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam (WBM)	Soundness	IS 2386 (Part 5) (by Magnesium Sulphate)
440	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam (WBM)	Soundness	IS 2386 (Part 5) (by Sodium Sulphate)



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441	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam (WBM)	Specific Gravity	IS 2386 (Part 3)
442	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam (WBM)	Water Absorption	IS 2386 (Part 3)
443	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Proofing Flexible Sheet	Pull-Off Adhesion Strength	ASTM D4541
444	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Waterproofing Coated Sample	Resistance to Hydrostatic Pressure of Coating	ASTM D7088
445	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam (WMM)	Bulk Density (Loose/Rodded)	IS 2386 (Part 3)
446	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam (WMM)	Crushing Value	IS 2386 (Part 4)
447	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam (WMM)	Elongation Index	IS 2386 (Part 1)



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448	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam (WMM)	Flakiness Index	IS 2386 (Part 1)
449	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam (WMM)	Impact Value	IS 2386 (Part 4)
450	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam (WMM)	Sieve Analysis (Sieve Size: 53 mm to 75 micron)	IS 2386 (Part 1)
451	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam (WMM)	Soundness	IS 2386 (Part 5) (by Magnesium Sulphate)
452	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam (WMM)	Soundness	IS 2386 (Part 5) (by Sodium Sulphate)
453	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam (WMM)	Specific Gravity	IS 2386 (Part 3)
454	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam (WMM)	Water Absorption	IS 2386 (Part 3)
455	MECHANICAL- SOIL AND ROCKS	Bentonite	Density	ASTM D4380



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456	MECHANICAL- SOIL AND ROCKS	Bentonite	Liquid Limit	IS 2720 (Part 5)
457	MECHANICAL- SOIL AND ROCKS	Bentonite	Marsh Funnel Viscosity of Construction Slurries	ASTM D6910
458	MECHANICAL- SOIL AND ROCKS	Bentonite	Moisture Content	IS 12446
459	MECHANICAL- SOIL AND ROCKS	Bentonite	Sand Content	IS 6186
460	MECHANICAL- SOIL AND ROCKS	Bentonite	Swelling Index	IS 2720 (Part 40)
461	MECHANICAL- SOIL AND ROCKS	Natural Building Stone	Porosity	IS 1124 (Part 1)
462	MECHANICAL- SOIL AND ROCKS	Natural Building Stone	Scratch Hardness	IS 13630 (Part 13)
463	MECHANICAL- SOIL AND ROCKS	Natural Building Stone	Specific Gravity	IS 1124
464	MECHANICAL- SOIL AND ROCKS	Natural Building Stone	Water Absorption	IS 1124
465	MECHANICAL- SOIL AND ROCKS	Rock	Density	IS 13030
466	MECHANICAL- SOIL AND ROCKS	Rock	Unconfined Compressive Strength	IS 9143
467	MECHANICAL- SOIL AND ROCKS	Rock	Water Absorption	IS 1124
468	MECHANICAL- SOIL AND ROCKS	Rock	Water Content	IS 13030
469	MECHANICAL- SOIL AND ROCKS	Rock/Marble/Granite	Hardness	IS 13630 (Part 13)
470	MECHANICAL- SOIL AND ROCKS	Rock/Marble/Granite	Porosity	IS 13030
471	MECHANICAL- SOIL AND ROCKS	Rock/Stone (Marble)	Specific Gravity	IS 1122



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472	MECHANICAL- SOIL AND ROCKS	Rock/Stone (Marble)	Specific Gravity	IS 13030
473	MECHANICAL- SOIL AND ROCKS	Soil	Free Swell Index	IS 2720 (Part 40)
474	MECHANICAL- SOIL AND ROCKS	Soil (Embankment, Sub-Grade, Granular Sub-Base, Wet Mix Macadam, Water Bound Macadam, Blanket Material)	California Bearing Ratio (CBR)	IS 2720 (Part 16)
475	MECHANICAL- SOIL AND ROCKS	Soil (Embankment, Sub-Grade, Granular Sub-Base, Wet Mix Macadam, Water Bound Macadam, Blanket Material)	Density	IS 2720 (Part 10)
476	MECHANICAL- SOIL AND ROCKS	Soil (Embankment, Sub-Grade, Granular Sub-Base, Wet Mix Macadam, Water Bound Macadam, Blanket Material)	Grain Size Analysis (Sieve Size: 100 mm to 0.075 mm)	IS 2720 (Part 4)
477	MECHANICAL- SOIL AND ROCKS	Soil (Embankment, Sub-Grade, Granular Sub-Base, Wet Mix Macadam, Water Bound Macadam, Blanket Material)	Heavy Compaction (Maximum Dry Density)	IS 2720 (Part 8)
478	MECHANICAL- SOIL AND ROCKS	Soil (Embankment, Sub-Grade, Granular Sub-Base, Wet Mix Macadam, Water Bound Macadam, Blanket Material)	Heavy Compaction (Optimum Moisture Content)	IS 2720 (Part 8)
479	MECHANICAL- SOIL AND ROCKS	Soil (Embankment, Sub-Grade, Granular Sub-Base, Wet Mix Macadam, Water Bound Macadam, Blanket Material)	Light Compaction (Maximum Dry Density)	IS 2720 (Part 7)
480	MECHANICAL- SOIL AND ROCKS	Soil (Embankment, Sub-Grade, Granular Sub-Base, Wet Mix Macadam, Water Bound Macadam, Blanket Material)	Light Compaction (Optimum Moisture Content)	IS 2720 (Part 7)
481	MECHANICAL- SOIL AND ROCKS	Soil (Embankment, Sub-Grade, Granular Sub-Base, Wet Mix Macadam, Water Bound Macadam, Blanket Material)	Liquid Limit	IS 2720 (Part 5)
482	MECHANICAL- SOIL AND ROCKS	Soil (Embankment, Sub-Grade, Granular Sub-Base, Wet Mix Macadam, Water Bound Macadam, Blanket Material)	Plastic Limit	IS 2720 (Part 5)
483	MECHANICAL- SOIL AND ROCKS	Soil (Embankment, Sub-Grade, Granular Sub-Base, Wet Mix Macadam, Water Bound Macadam, Blanket Material)	Shrinkage Limit	IS 2720 (Part 6)



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484	MECHANICAL- SOIL AND ROCKS	Soil (Embankment, Sub-Grade, Granular Sub-Base, Wet Mix Macadam, Water Bound Macadam, Blanket Material)	Specific Gravity	IS 2720 (Part 3/Sec 1)
485	MECHANICAL- SOIL AND ROCKS	Soil (Embankment, Sub-Grade, Granular Sub-Base, Wet Mix Macadam, Water Bound Macadam, Blanket Material)	Water Content	IS 2720 (Part 2)
486	MECHANICAL- SOIL AND ROCKS	Stone (Granite)	Compressive Strength	IS 1121 (Part 1)
487	MECHANICAL- SOIL AND ROCKS	Stone (Granite)	Dimension (Thickness)	IS 1130
488	MECHANICAL- SOIL AND ROCKS	Stone (Marble)	Compressive Strength	IS 1121 (Part 1)



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Site Testing				
1	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coating on Concrete (Cement Base Wall Putty/Ready Mix Plaster/Jointing Mortar/Paint/Tile Adhesive/Sand Plaster/Gypsum Plaster)	Pull-Off Adhesion Test	ASTM D4541
2	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Cement Concrete	Temperature	ASTM C1064
3	MECHANICAL- SOIL AND ROCKS	In-Situ Soil (Embankment, Sub-Grade, Granular Sub-Base, Wet Mix Macadam, Water Bound Macadam, Blanket Material)	Dry Density	IS 2720 (Part 28) (by Sand Replacement Method)
4	MECHANICAL- SOIL AND ROCKS	In-Situ Soil (Embankment, Sub-Grade, Granular Sub-Base, Wet Mix Macadam, Water Bound Macadam, Blanket Material)	Dry Density	IS 2720 (Part 29) (by Core Cutter Method)
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Bridge Load Test	IRC SP 51
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Test	BS EN 14630
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Test	IS 516 (Part 5/Sec 3)



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8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Cover Meter Test	BS 1881 (Part 204)
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Crack Depth	IS 516 (Part 5/Sec 1)
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half-Cell Potential Test	ASTM C876
11	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half-Cell Potential Test	IS 516 (Part 5/Sec 2)
12	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Schmidt Rebound Hammer	IS 13311 (Part 2)
13	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Schmidt Rebound Hammer	IS 516 (Part 5/Sec 4)
14	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity	IS 516 (Part 5/Sec 1)