



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

FERVENT CALIBRATION & TESTING PRIVATE LIMITED, KH. NO. 15/3/1, GROUND FLOOR, PARKASH VIHAR, SHAHBAD EXTN., SHAHBAD DAULATPUR, PH-2, ROHINI, NEW DELHI, DELHI, INDIA

**Accreditation Standard**

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**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	Admixtures	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixtures	Dry Material Content	IS 9103
3	CHEMICAL- BUILDING MATERIAL	Admixtures	pH value	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixtures	Relative Density	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixtures	Total Chloride (as Cl)	IS 6925
6	CHEMICAL- BUILDING MATERIAL	Coarse/Fine Aggregate	Alkali Aggregate Reactivity (Reduction in Alkalinity)	IS 2386 (Part 7)
7	CHEMICAL- BUILDING MATERIAL	Coarse/Fine Aggregate	Alkali Aggregate Reactivity (Total Dissolved Silica)	IS 2386 (Part 7)
8	CHEMICAL- BUILDING MATERIAL	Fly ash	Available Alkali (as Na <sub>2</sub> O)	IS 3812 (Part 1 & 2)
9	CHEMICAL- BUILDING MATERIAL	Fly ash	Calcium Oxide (as CaO)	IS 1727
10	CHEMICAL- BUILDING MATERIAL	Fly ash	Chloride (as Cl)	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Fly ash	Combined Ferric Oxide and Alumina (as R <sub>2</sub> O <sub>3</sub> )	IS 1727
12	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition	IS 1727
13	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesia (as MgO)	IS 1727
14	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica (as SiO <sub>2</sub> )	IS 1727
15	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphuric Anhydride (as SO <sub>3</sub> )	IS 1727



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16	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Alkali Content as Potassium Oxide (K <sub>2</sub> O)	IS 4032 (Clause 4.11)
17	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Alkali Content as Sodium Oxide (Na <sub>2</sub> O)	IS 4032 (Clause 4.11)
18	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Alumina (as Al <sub>2</sub> O <sub>3</sub> )	IS 4032 (Clause 4.6)
19	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Calcium Oxide (as CaO)	IS 4032 (Clause 4.7)
20	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Combined Ferric Oxide and Alumina (as R <sub>2</sub> O <sub>3</sub> )	IS 4032 (Clause 4.4)
21	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Insoluble Residue	IS 4032 (Clause 4.10)
22	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Iron Oxide (as Fe <sub>2</sub> O <sub>3</sub> )	IS 4032 (Clause 4.5)
23	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Loss on Ignition	IS 4032 (Clause 4.2)
24	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Magnesia (as MgO)	IS 4032 (Clause 4.8)
25	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Silica (as SiO <sub>2</sub> )	IS 4032 (Clause 4.3)
26	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Sulphuric Anhydride (as SO <sub>3</sub> )	IS 4032 (Clause 4.9)
27	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Total Chloride (as Cl)	IS 4032 (Clause 4.13)
28	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Sodium Oxide (Na <sub>2</sub> O)	IS 4032 (Clause 4.11)
29	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Insoluble Residue	IS 4032 (Clause 4.10)
30	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Loss on Ignition	IS 4032 (Clause 4.2)
31	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Magnesia (as MgO)	IS 4032 (Clause 4.8)



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32	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Potassium Oxide (K <sub>2</sub> O)	IS 4032 (Clause 4.10)
33	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Silica (as SiO <sub>2</sub> )	IS 4032 (Clause 4.3)
34	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Sulphuric Anhydride (as SO <sub>3</sub> )	IS 4032 (Clause 4.9)
35	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Total Chloride (as Cl <sub>2</sub> )	IS 4032 (Clause 4.13)
36	CHEMICAL- METALS & ALLOYS	Mild Steel	Carbon	IS 228 (Part 1)
37	CHEMICAL- METALS & ALLOYS	Mild Steel	Manganese	IS 228 (Part 2)
38	CHEMICAL- METALS & ALLOYS	Mild Steel	Phosphorus	IS 228 (Part 3)
39	CHEMICAL- METALS & ALLOYS	Mild Steel	Silicon	IS 228 (Part 8)
40	CHEMICAL- METALS & ALLOYS	Mild Steel	Sulphur	IS 228 (Part 9)
41	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 228 (Part 1)
42	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 228 (Part 6)
43	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 228 (Part 7)
44	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (Part 5)
45	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 228 (Part 3)
46	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 228 (Part 8)
47	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 228 (Part 9)
48	CHEMICAL- WATER	Construction Water	Chloride as Cl	IS 3025 (Part 32)





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49	CHEMICAL- WATER	Construction Water	Inorganic Solids	IS 3025 (Part 18)
50	CHEMICAL- WATER	Construction Water	Organic Solids	IS 3025 (Part 18)
51	CHEMICAL- WATER	Construction Water	pH Value	IS 3025 (Part 11)
52	CHEMICAL- WATER	Construction Water	Sulphates as SO <sub>3</sub>	IS 3025 (Part 24/Sec 1)
53	CHEMICAL- WATER	Construction Water	Suspended Matter	IS 3025 (Part 17)
54	CHEMICAL- WATER	Construction Water	Volume of 0.02N H <sub>2</sub> SO <sub>4</sub> required to Neutralize 100 ml Sample of Water using Mixed Indicator (Limits of Alkalinity)	IS 3025 (Part 23)
55	CHEMICAL- WATER	Construction Water	Volume of 0.02N NaOH required to Neutralize 100 ml Sample of Water using Phenolphthalein Indicator (Limits of Acidity)	IS 3025 (Part 22)
56	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Acid-Resistant Bricks	Compressive Strength	IS 4860
57	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Acid-Resistant Bricks	Dimension (Length)	IS 4860
58	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Acid-Resistant Bricks	Dimension (Thickness)	IS 4860
59	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Acid-Resistant Bricks	Dimension (Width)	IS 4860



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60	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Acid-Resistant Bricks	Flexural Strength	IS 4860
61	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Acid-Resistant Bricks	Resistance to Acid	IS 4860
62	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Acid-Resistant Bricks	Resistance to Wear	IS 1237
63	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Acid-Resistant Bricks	Water Absorption	IS 4860
64	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Autoclave Aerated Concrete Block (AAC)	Block/Bulk Density	IS 6441 (Part 1)
65	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Autoclave Aerated Concrete Block (AAC)	Compressive Strength	IS 6441 (Part 5)
66	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Autoclave Aerated Concrete Block (AAC)	Dimension (Length)	IS 2185 (Part 3)



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67	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Autoclave Aerated Concrete Block (AAC)	Dimension (Thickness)	IS 2185 (Part 3)
68	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Autoclave Aerated Concrete Block (AAC)	Dimension (Width)	IS 2185 (Part 3)
69	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Autoclave Aerated Concrete Block (AAC)	Drying Shrinkage	IS 6441 (Part 2)
70	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Autoclave Aerated Concrete Block (AAC)	Moisture Content	IS 6441 (Part 1)
71	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen & Allied Materials	Absolute Viscosity @ 60 °C	IS 1206 (Part 2)
72	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen & Allied Materials	Ductility @ 25 °C	IS 1208 (Part 1)
73	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen & Allied Materials	Elastic Recovery @ 15 °C	IS 15462 (Annex A)/ IS 1208 (Part 2)





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74	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen & Allied Materials	Flash Point & Fire Point (COC)	IS 1209
75	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen & Allied Materials	Kinematic Viscosity @ 135 °C	IS 1206 (Part 3)
76	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen & Allied Materials	Loss on Heating	IS 1212/IS 9382
77	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen & Allied Materials	Penetration (25 °C, 100 g, 5 s, 1/10 mm)	IS 1203
78	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen & Allied Materials	Softening Point (R&B)	IS 1205
79	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen & Allied Materials	Solubility in Trichloroethylene	IS 1216
80	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen & Allied Materials	Specific Gravity	IS 1202



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81	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen & Allied Materials	Viscosity Ratio @ 60 °C	IS 1206 (Part 2)
82	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Mix	Binder Content	ASTM D2172
83	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Mix	Bulk Specific Gravity	ASTM D2726
84	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Mix	Flow	ASTM D6927
85	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Mix	Gradation Sieving (Sieve Size: 45 mm to 0.075 mm)	MORTH 5th Revision (Clause 500)/IS 2386 (Part 1)
86	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Mix	Marshall Stability	ASTM D6927
87	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Mix	Theoretical Maximum Specific Gravity	ASTM D2041





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88	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Mix	Thickness	ASTM D3549
89	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Building Chemicals (Integral WPC)	Compressive Strength	IS 4031(Part 6)
90	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Building Chemicals (Integral WPC)	Final Setting Time	IS 4031 (Part 5)
91	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Building Chemicals (Integral WPC)	Initial Setting Time	IS 4031 (Part 5)
92	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Fly ash Building Bricks	Compressive Strength	IS 3495 (Part 1)
93	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Fly ash Building Bricks	Dimension (Length)	IS 13757
94	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Fly ash Building Bricks	Dimension (Thickness)	IS 13757



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95	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Fly ash Building Bricks	Dimension (Width)	IS 13757
96	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Fly ash Building Bricks	Efflorescence	IS 3495 (Part 3)
97	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Fly ash Building Bricks	Water Absorption	IS 3495 (Part 2)
98	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Flooring Tiles	Dimension (Length)	IS 1237
99	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Flooring Tiles	Dimension (Thickness)	IS 1237
100	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Flooring Tiles	Dimension (Width)	IS 1237
101	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Flooring Tiles	Flatness of the Tiles Surface	IS 1237



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102	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Flooring Tiles	Perpendicularity	IS 1237
103	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Flooring Tiles	Resistance to Wear	IS 1237
104	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Flooring Tiles	Straightness	IS 1237
105	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Flooring Tiles	Thickness of Wearing	IS 1237
106	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS 1237
107	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Flooring Tiles	Wet Transverse Strength	IS 1237
108	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Chequered Cement Concrete Tiles	Dimension (Length)	IS 13801





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109	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Chequered Cement Concrete Tiles	Dimension (Thickness)	IS 13801
110	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Chequered Cement Concrete Tiles	Dimension (Width)	IS 13801
111	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Chequered Cement Concrete Tiles	Flatness of the Tiles Surface	IS 13801
112	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Chequered Cement Concrete Tiles	Perpendicularity	IS 13801
113	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Chequered Cement Concrete Tiles	Resistance to Wear	IS 13801
114	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Chequered Cement Concrete Tiles	Straightness	IS 13801
115	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Chequered Cement Concrete Tiles	Thickness of Wearing Layer	IS 13801



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116	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Chequered Cement Concrete Tiles	Water Absorption	IS 13801
117	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Chequered Cement Concrete Tiles	Wet Transverse Strength	IS 13801
118	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Soundness	IS 2386 (Part 5) (by Magnesium Sulphate)
119	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregates (Uncrushed, Crushed, Manufactured)	10 % Fines Value	IS 2386 (Part 4)
120	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregates (Uncrushed, Crushed, Manufactured)	Aggregate Abrasion Value	IS 2386 (Part 4)
121	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregates (Uncrushed, Crushed, Manufactured)	Aggregate Crushing Value	IS 2386 (Part 4)
122	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregates (Uncrushed, Crushed, Manufactured)	Aggregate Impact Value	IS 2386 (Part 4)



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123	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregates (Uncrushed, Crushed, Manufactured)	Bulk Density	IS 2386 (Part 3)
124	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregates (Uncrushed, Crushed, Manufactured)	Combined Flakiness & Elongation	IS 2386 (Part 1)
125	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregates (Uncrushed, Crushed, Manufactured)	Deleterious Materials (Clay & Lumps)	IS 2386 (Part 2)
126	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregates (Uncrushed, Crushed, Manufactured)	Deleterious Materials (Coal & Lignite)	IS 2386 (Part 2)
127	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregates (Uncrushed, Crushed, Manufactured)	Deleterious Materials (Material Finer than 75 micron)	IS 2386 (Part 1)
128	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregates (Uncrushed, Crushed, Manufactured)	Elongation Index	IS 2386 (Part 1)
129	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregates (Uncrushed, Crushed, Manufactured)	Flakiness Index	IS 2386 (Part 1)





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130	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregates (Uncrushed, Crushed, Manufactured)	Sieve Analysis (Sieve Size: 80 mm to 2.36 mm)	IS 2386 (Part 1)
131	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregates (Uncrushed, Crushed, Manufactured)	Soundness	IS 2386 (Part 5) (by Sodium Suphate)
132	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregates (Uncrushed, Crushed, Manufactured)	Specific Gravity	IS 2386 (Part 3)
133	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregates (Uncrushed, Crushed, Manufactured)	Stripping Value	IS 6241
134	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregates (Uncrushed, Crushed, Manufactured)	Water Absorption	IS 2386 (Part 3)
135	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Common Burnt Clay Building Bricks	Compressive Strength	IS 3495 (Part 1)
136	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Common Burnt Clay Building Bricks	Dimension (Length)	IS 1077



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137	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Common Burnt Clay Building Bricks	Dimension (Thickness)	IS 1077
138	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Common Burnt Clay Building Bricks	Dimension (Width)	IS 1077
139	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Common Burnt Clay Building Bricks	Efflorescence	IS 3495 (Part 3)
140	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Common Burnt Clay Building Bricks	Water Absorption	IS 3495 (Part 2)
141	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Block for Paving (Paver Block)	Dimension (Thickness)	IS 15658
142	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Block for Paving (Paver Block)	Abrasion Resistance	IS 15658
143	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Block for Paving (Paver Block)	Compressive Strength	IS 15658



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144	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Block for Paving (Paver Block)	Dimension (Length)	IS 15658
145	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Block for Paving (Paver Block)	Dimension (Width)	IS 15658
146	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Block for Paving (Paver Block)	Thickness of Wearing Layer	IS 15658
147	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Block for Paving (Paver Block)	Water Absorption	IS 15658
148	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregates (Uncrushed, Crushed, Mixed, Manufactured)	Bulk Density/Density	IS 2386 (Part 3)
149	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregates (Uncrushed, Crushed, Mixed, Manufactured)	Deleterious Materials (Clay & Lumps)	IS 2386 (Part 2)
150	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregates (Uncrushed, Crushed, Mixed, Manufactured)	Deleterious Materials (Coal & Lignite)	IS 2386 (Part 2)





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151	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregates (Uncrushed, Crushed, Mixed, Manufactured)	Material Finer than 75 micron	IS 2386 (Part 1)
152	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregates (Uncrushed, Crushed, Mixed, Manufactured)	Organic Impurities	IS 2386 (Part 2)
153	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregates (Uncrushed, Crushed, Mixed, Manufactured)	Sieve Analysis (Sieve Size: 10 mm to 0.150 mm)	IS 2386 (Part 1)
154	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregates (Uncrushed, Crushed, Mixed, Manufactured)	Silt Content	CPWD Volume 1
155	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregates (Uncrushed, Crushed, Mixed, Manufactured)	Soundness	IS 2386 (Part 5) (by Magnesium Sulphate)
156	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregates (Uncrushed, Crushed, Mixed, Manufactured)	Soundness	IS 2386 (Part 5) (by Sodium Suphate)
157	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregates (Uncrushed, Crushed, Mixed, Manufactured)	Specific Gravity	IS 2386 (Part 3)



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158	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregates (Uncrushed, Crushed, Mixed, Manufactured)	Surface Moisture	IS 2386 (Part 3)
159	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregates (Uncrushed, Crushed, Mixed, Manufactured)	Water Absorption	IS 2386 (Part 3)
160	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Flush Door Shutter	End Immersion	IS 4020 (Part 13)
161	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Flush Door Shutter	Glue Adhesion	IS 4020 (Part 15)
162	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Flush Door Shutter	Knife Test/ Adhesion of Ply	IS 4020 (Part 14)
163	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Flush Door Shutter	Screw Withdrawal Resistance Test	IS 4020 (Part 16)
164	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Compressive Strength	IS 1727



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165	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Density	IS 1727
166	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Fineness	IS 1727 (by Blaine Air Permeability)
167	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Lime Reactivity	IS 1727
168	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Particles Retained on 45 micron Sieve	IS 1727
169	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Soundness	IS 1727 (by Autoclave)
170	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Concrete	Air Content	IS 1199 (Part 4)
171	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Concrete	Bleeding Test	IS 9103





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172	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Concrete	Consistency (Slump Test)	IS 1199 (Part 2)
173	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Concrete	Final Setting Time	IS 1199 (Part 7)
174	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Concrete	Initial Setting Time	IS 1199 (Part 7)
175	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Concrete	Water Content	IS 9103
176	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granite/Marble/Kota/Sand Stone	Apparent Specific Gravity	IS 1124
177	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granite/Marble/Kota/Sand Stone	Compressive Strength	IS 1121 (Part 1)
178	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granite/Marble/Kota/Sand Stone	Moh's Hardness	IS 13630 (Part 13)



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179	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granite/Marble/Kota/Sand Stone	Specific Gravity	IS 1122
180	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granite/Marble/Kota/Sand Stone	Water Absorption	IS 1124
181	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base	Aggregate Impact Value	IS 2386 (Part 4)
182	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base	Combined Flakiness & Elongation	IS 2386 (Part 1)
183	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base	Deleterious Materials (Clay & Lumps)	IS 2386 (Part 2)
184	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base	Deleterious Materials (Coal & Lignite)	IS 2386 (Part 2)
185	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base	Deleterious Materials (Material Finer than 75 micron)	IS 2386 (Part 1)



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186	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base	Elongation Index	IS 2386 (Part 1)
187	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base	Flakiness Index	IS 2386 (Part 1)
188	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base	Sieve Analysis (Sieve Size: 75 mm to 0.075 mm)	IS 2386 (Part 1)
189	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub-Base	Water Absorption	IS 2386 (Part 3)
190	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Compressive Strength	IS 516 (Part 1/Sec 1)
191	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Flexural Strength	IS 516 (Part 1/Sec 1)
192	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Length Change	IS 516 (Part 6)





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193	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete (Core)	Compressive Strength	IS 516 (Part 4)
194	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete (Cube/Cylinder)	Compressive Strength	IS 516 (Part 1/Sec 1)
195	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete (Cube/Cylinder)	Depth of Water Penetration under Pressure	DIN 1048 (Part 5)
196	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete (Cube/Cylinder)	Depth of Water Penetration under Pressure	IS 516 (Part 2/Sec 1)
197	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete (Cube/Cylinder)	Split Tensile Strength	IS 516 (Part 1/Sec 1)
198	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (33, 43, 53, Grades)	Compressive Strength	IS 4031 (Part 6)
199	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (33, 43, 53, Grades)	Consistency	IS 4031 (Part 4)



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200	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (33, 43, 53, Grades)	Density	IS 4031 (Part 11)
201	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (33, 43, 53, Grades)	Final Setting Time	IS 4031 (Part 5)
202	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (33, 43, 53, Grades)	Fineness	IS 4031 (Part 2) (by Blaine Air Permeability)
203	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (33, 43, 53, Grades)	Initial Setting Time	IS 4031 (Part 5)
204	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (33, 43, 53, Grades)	Soundness	IS 4031 (Part 3) (by Autoclave)
205	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (33, 43, 53, Grades)	Soundness	IS 4031 (Part 3) (by Le-chatelier Method)
206	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (43S, 53S Grades)	Compressive Strength	IS 4031 (Part 6)



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207	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (43S, 53S Grades)	Consistency	IS 4031 (Part 4)
208	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (43S, 53S Grades)	Density	IS 4031 (Part 11)
209	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (43S, 53S Grades)	Final Setting Time	IS 4031 (Part 5)
210	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (43S, 53S Grades)	Fineness	IS 4031 (Part 2) (by Blaine Air Permeability)
211	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (43S, 53S Grades)	Initial Setting Time	IS 4031 (Part 5)
212	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (43S, 53S Grades)	Soundness	IS 4031 (Part 3) (by Autoclave)
213	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (43S, 53S Grades)	Soundness	IS 4031 (Part 3) (by Le-chatelier Method)





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214	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (Calcined Clay Based)	Compressive Strength	IS 4031 (Part 6)
215	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (Calcined Clay Based)	Consistency	IS 4031 (Part 4)
216	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (Calcined Clay Based)	Density	IS 4031 (Part 11)
217	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (Calcined Clay Based)	Drying Shrinkage	IS 4031 (Part 10)
218	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (Calcined Clay Based)	Final Setting Time	IS 4031 (Part 5)
219	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (Calcined Clay Based)	Fineness	IS 4031 (Part 2) (by Blaine Air Permeability)
220	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (Calcined Clay Based)	Initial Setting Time	IS 4031 (Part 5)



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221	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (Calcined Clay Based)	Soundness	IS 4031 (Part 3) (by Autoclave)
222	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (Calcined Clay Based)	Soundness	IS 4031 (Part 3) (by Le-chatelier Method)
223	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Compressive Strength	IS 4031 (Part 6)
224	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Consistency	IS 4031 (Part 4)
225	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Density	IS 4031 (Part 11)
226	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Drying Shrinkage	IS 4031 (Part 10)
227	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Final Setting Time	IS 4031 (Part 5)



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228	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Fineness	IS 4031 (Part 2) (by Blaine Air Permeability)
229	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Initial Setting Time	IS 4031 (Part 5)
230	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Soundness	IS 4031 (Part 3) (by Autoclave)
231	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Soundness	IS 4031 (Part 3) (by Le-chatelier Method)
232	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pressed Ceramic Tiles	Breaking Strength	IS 13630 (Part 6)
233	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pressed Ceramic Tiles	Bulk Density	IS 13630 (Part 2)
234	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pressed Ceramic Tiles	Chemical Resistance (Chemical Properties)	IS 13630 (Part 8)





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235	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pressed Ceramic Tiles	Crazing Resistance	IS 13630 (Part 9)
236	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pressed Ceramic Tiles	Dimension (Length)	IS 13630 (Part 1)
237	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pressed Ceramic Tiles	Dimension (Thickness)	IS 13630 (Part 1)
238	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pressed Ceramic Tiles	Dimension (Width)	IS 13630 (Part 1)
239	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pressed Ceramic Tiles	Flatness of the Tiles Surface	IS 13630 (Part 1)
240	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pressed Ceramic Tiles	Modulus of Rupture	IS 13630 (Part 6)
241	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pressed Ceramic Tiles	Moisture Expansion	IS 13630 (Part 3)



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242	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pressed Ceramic Tiles	Perpendicularity	IS 13630 (Part 1)
243	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pressed Ceramic Tiles	Resistance to Staining	IS 13630 (Part 7)
244	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pressed Ceramic Tiles	Resistance to Staining	IS 13630 (Part 8)
245	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pressed Ceramic Tiles	Scratch Hardness of Surface (Moh's Scale)	IS 13630 (Part 13)
246	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pressed Ceramic Tiles	Straightness	IS 13630 (Part 1)
247	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pressed Ceramic Tiles	Surface Quality	IS 13630 (Part 1)
248	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pressed Ceramic Tiles	Thermal Shock Resistance	IS 13630 (Part 5)



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249	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pressed Ceramic Tiles	Water Absorption	IS 13630 (Part 2)
250	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash-Cement Bricks	Compressive Strength	IS 3495 (Part 1)
251	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash-Cement Bricks	Density	IS 2185 (Part 1) (Annex C)
252	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash-Cement Bricks	Dimension (Length)	IS 16720
253	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash-Cement Bricks	Dimension (Thickness)	IS 16720
254	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash-Cement Bricks	Dimension (Width)	IS 16720
255	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash-Cement Bricks	Drying Shrinkage	IS 4139





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256	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash-Cement Bricks	Water Absorption	IS 3495 (Part 2)
257	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash-Lime Bricks	Compressive Strength	IS 3495 (Part 1)
258	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash-Lime Bricks	Dimension (Length)	IS 12894
259	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash-Lime Bricks	Dimension (Thickness)	IS 12894
260	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash-Lime Bricks	Dimension (Width)	IS 12894
261	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash-Lime Bricks	Drying Shrinkage	IS 4139
262	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash-Lime Bricks	Efflorescence	IS 3495 (Part 3)



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263	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash-Lime Bricks	Water Absorption	IS 3495 (Part 2)
264	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Sewer Bricks	Compressive Strength	IS 3495 (Part 1)
265	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Sewer Bricks	Dimension (Length)	IS 4885
266	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Sewer Bricks	Dimension (Thickness)	IS 4885
267	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Sewer Bricks	Dimension (Width)	IS 4885
268	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Sewer Bricks	Efflorescence	IS 3495 (Part 3)
269	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Sewer Bricks	Water Absorption	IS 3495 (Part 2)



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270	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Aggregate Impact Value	IS 2386 (Part 4)
271	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Combined Flakiness & Elongation	IS 2386 (Part 1)
272	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Deleterious Materials (Clay & Lumps)	IS 2386 (Part 2)
273	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Deleterious Materials (Coal & Lignite)	IS 2386 (Part 2)
274	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Deleterious Materials (Material Finer than 75 micron)	IS 2386 (Part 1)
275	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Elongation Index	IS 2386 (Part 1)
276	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Flakiness Index	IS 2386 (Part 1)





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277	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Sieve Analysis (Sieve Size: 53 mm to 0.075 mm)	IS 2386 (Part 1)
278	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Water Absorption	IS 2386 (Part 3)
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coupler	Tensile Strength	IS 16172 (Annex B)
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	CRC Sheet	% Elongation	IS 1608 (Part 1)
281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	CRC Sheet	Bend Test	IS 1599
282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	CRC Sheet	Cupping Test	IS 10175
283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	CRC Sheet	Dimension (Thickness)	IS 513 (Part 1 & 2)
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	CRC Sheet	Rockwell Hardness (HRBW)	IS 1586 (Part 1)
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	CRC Sheet	Rockwell Hardness (HRC)	IS 1586 (Part 1)



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286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	CRC Sheet	Tensile Strength	IS 1608 (Part 1)
287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	CRC Sheet	Yield Stress	IS 1608 (Part 1)
288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	G.I. Pipe	% Elongation	IS 1608 (Part 1)
289	MECHANICAL-MECHANICAL PROPERTIES OF METALS	G.I. Pipe	Bend Test	IS 2329
290	MECHANICAL-MECHANICAL PROPERTIES OF METALS	G.I. Pipe	Dimension (Outside Diameter)	IS 1239 (Part 1)
291	MECHANICAL-MECHANICAL PROPERTIES OF METALS	G.I. Pipe	Flattening Test	IS 2328
292	MECHANICAL-MECHANICAL PROPERTIES OF METALS	G.I. Pipe	Mass	IS 1239 (Part 1)
293	MECHANICAL-MECHANICAL PROPERTIES OF METALS	G.I. Pipe	Tensile Strength	IS 1608 (Part 1)
294	MECHANICAL-MECHANICAL PROPERTIES OF METALS	G.I. Pipe	Thickness	IS 1239 (Part 1)



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295	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Sheet	% Elongation	IS 1608 (Part 1)
296	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Sheet	Bend Test	IS 1599
297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Sheet	Dimension (Thickness)	IS 277
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Sheet	Mass	IS 277
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Sheet	Tensile Strength	IS 1608 (Part 1)
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Sheet	Yield Strength	IS 1608 (Part 1)
301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars & Wires for Concrete Reinforcement	% Elongation	IS 1608 (Part 1)
302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars & Wires for Concrete Reinforcement	Bend Test	IS 1599
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars & Wires for Concrete Reinforcement	Mass	IS 1786





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304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars & Wires for Concrete Reinforcement	Re-bend Test	IS 1786
305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars & Wires for Concrete Reinforcement	Tensile Strength	IS 1608 (Part 1)
306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars & Wires for Concrete Reinforcement	TS/YS Ratio	IS 1786
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars & Wires for Concrete Reinforcement	Yield Stress	IS 1608 (Part 1)
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Steel	% Elongation	IS 1608 (Part 1)
309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Steel	Dimension (Depth)	IS 4923
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Steel	Dimension (Thickness)	IS 4923
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Steel	Dimension (Width)	IS 4923
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Steel	Tensile Strength	IS 1608 (Part 1)



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313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Steel	Weight	IS 4923
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Steel	Yield Stress	IS 1608 (Part 1)
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Plate Sheet and Strip	% Elongation	IS 1608 (Part 1)
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Plate Sheet and Strip	Brinell Hardness	IS 1586 (Part 1)
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Plate Sheet and Strip	Cupping Test	IS 10175
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Plate Sheet and Strip	Rockwell Hardness (HRBW)	IS 1586 (Part 1)
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Plate Sheet and Strip	Tensile Strength	IS 1608 (Part 1)
320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Plate Sheet and Strip	Yield Stress	IS 1608 (Part 1)
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube	% Elongation	IS 1608 (Part 1)



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322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube	Bend Test	IS 2329
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube	Dimension (Outside Diameter)	IS 1161
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube	Dimension (Thickness)	IS 1161
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube	Flattening	IS 2328
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube	Tensile Strength	IS 1608 (Part 1)
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube	Weight	IS 1161
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube	Yield Stress	IS 1608 (Part 1)
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	% Elongation	IS 1608 (Part 1)
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	Bend Test	IS 1599





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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
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	Dimension (Depth)	IS 1730
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	Dimension (Diameter)	IS 7887
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	Dimension (Thickness)	IS 808
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	Mass	IS 808
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	Tensile Strength	IS 1608 (Part 1)
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	Width	IS 1732
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	Yield Stress	IS 1608 (Part 1)
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieve Low Relaxation Seven-Wire (Ply) Strand	Area	IS 14268
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieve Low Relaxation Seven-Wire (Ply) Strand	Breaking Load	IS 1608 (Part 1)



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**Accreditation Standard**

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340	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieve Low Relaxation Seven-Wire (Ply) Strand	Dimension (Diameter)	IS 14268
341	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieve Low Relaxation Seven-Wire (Ply) Strand	Length of Lay	IS 14268
342	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieve Low Relaxation Seven-Wire (Ply) Strand	Mass	IS 14268
343	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieve Low Relaxation Seven-Wire (Ply) Strand	Tensile Strength	IS 1608 (Part 1)
344	MECHANICAL- SOIL AND ROCKS	Bentonite	Density	IS 2720 (Part 3/Sec 1)
345	MECHANICAL- SOIL AND ROCKS	Bentonite	Free Swell Index	IS 2720 (Part 40)
346	MECHANICAL- SOIL AND ROCKS	Bentonite	Liquid Limit	IS 2720 (Part 5)
347	MECHANICAL- SOIL AND ROCKS	Bentonite	Marsh Viscosity	ASTM D6910
348	MECHANICAL- SOIL AND ROCKS	Bentonite	Sand Content	IS 6186
349	MECHANICAL- SOIL AND ROCKS	Soil, Earthwork Sub-grade Sub-base Non-Bituminous: Granular Sub-Base, Water Bound Macadam, Wet Mix Macadam	California Bearing Ratio (CBR)	IS 2720 (Part 16)
350	MECHANICAL- SOIL AND ROCKS	Soil, Earthwork Sub-grade Sub-base Non-Bituminous: Granular Sub-Base, Water Bound Macadam, Wet Mix Macadam	Free Swell Index	IS 2720 (Part 40)
351	MECHANICAL- SOIL AND ROCKS	Soil, Earthwork Sub-grade Sub-base Non-Bituminous: Granular Sub-Base, Water Bound Macadam, Wet Mix Macadam	Grain Size Analysis (Sieve Size: 100 mm to 0.075 mm)	IS 2720 (Part 4)



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352	MECHANICAL- SOIL AND ROCKS	Soil, Earthwork Sub-grade Sub-base Non-Bituminous: Granular Sub-Base, Water Bound Macadam, Wet Mix Macadam	Liquid Limit	IS 2720 (Part 5)
353	MECHANICAL- SOIL AND ROCKS	Soil, Earthwork Sub-grade Sub-base Non-Bituminous: Granular Sub-Base, Water Bound Macadam, Wet Mix Macadam	Maximum Dry Density (Heavy Compaction)	IS 2720 (Part 8)
354	MECHANICAL- SOIL AND ROCKS	Soil, Earthwork Sub-grade Sub-base Non-Bituminous: Granular Sub-Base, Water Bound Macadam, Wet Mix Macadam	Maximum Dry Density (Light Compaction)	IS 2720 (Part 7)
355	MECHANICAL- SOIL AND ROCKS	Soil, Earthwork Sub-grade Sub-base Non-Bituminous: Granular Sub-Base, Water Bound Macadam, Wet Mix Macadam	Optimum Moisture Content (Heavy Compaction)	IS 2720 (Part 8)
356	MECHANICAL- SOIL AND ROCKS	Soil, Earthwork Sub-grade Sub-base Non-Bituminous: Granular Sub-Base, Water Bound Macadam, Wet Mix Macadam	Optimum Moisture Content (Light Compaction)	IS 2720 (Part 7)
357	MECHANICAL- SOIL AND ROCKS	Soil, Earthwork Sub-grade Sub-base Non-Bituminous: Granular Sub-Base, Water Bound Macadam, Wet Mix Macadam	Plastic Limit	IS 2720 (Part 5)
358	MECHANICAL- SOIL AND ROCKS	Soil, Earthwork Sub-grade Sub-base Non-Bituminous: Granular Sub-Base, Water Bound Macadam, Wet Mix Macadam	Specific Gravity	IS 2720 (Part 3/Sec 1)
359	MECHANICAL- SOIL AND ROCKS	Soil, Earthwork Sub-grade Sub-base Non-Bituminous: Granular Sub-Base, Water Bound Macadam, Wet Mix Macadam	Water Content	IS 2720 (Part 2)





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Site Testing				
1	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregates (Uncrushed, Crushed, Mixed, Manufactured)	Bulking of Sand	IS 2386 (Part 3)
2	MECHANICAL- SOIL AND ROCKS	Soil, Earthwork Sub-grade Sub-base Non-Bituminous: Granular Sub-Base, Water Bound Macadam, Wet Mix Macadam	Field Density	IS 2720 (Part 28) (by Sand Replacement Method)
3	MECHANICAL- SOIL AND ROCKS	Soil, Earthwork Sub-grade Sub-base Non-Bituminous: Granular Sub-Base, Water Bound Macadam, Wet Mix Macadam	Field Density	IS 2720 (Part 29) (by Core Cutting Method)
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Carbonation Depth	IS 516 (Part 5/Sec 3)
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Half - Cell Potential Difference Test	IS 516 (Part 5/Sec 2)
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer	IS 516 (Part 5/Sec 4)
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse Velocity	IS 516 (Part 5/Sec 1)