National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	SHRI METAL CONNECT LLP, 02 BASEMENT, AGRAWAL MALL, BHAGWAT VIDHYAPITH, SARKHEJ GANDHINAGAR HIGHWAY, SOLA, AHMEDABAD, AHMADABAD, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-9867
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Validity	17/09/2021 to 16/09/2023
Last Amended on	29/01/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Aluminum (Al)	ASTM E 415
2	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Aluminum (Al)	IS 8811
3	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Carbon (as C)	ASTM E 415
4	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Carbon (as C)	IS 8811
5	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Chromium (as Cr)	IS 8811
6	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Chromium(as Cr)	ASTM E 415
7	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Cobalt (Co)	ASTM E 415
8	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Cobalt (Co)	IS 8811
9	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Copper (Cu)	ASTM E 415
10	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Copper (Cu)	IS 8811
11	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Manganese (as Mn)	IS 8811
12	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Manganese(as Mn)	ASTM E 415
13	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Molybdenum (Mo)	ASTM E 415
14	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Molybdenum (Mo)	IS 8811
15	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Nickel (as Ni)	ASTM E 415
16	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Nickel (as Ni)	IS 8811
17	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Niobium (Nb)	ASTM E 415
18	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Niobium (Nb)	IS 8811

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19	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Phosphorous (as P)	ASTM E 415
20	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Phosphorous (as P)	IS 8811
21	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Silicon (as Si)	IS 8811
22	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Silicon(as Si)	ASTM E 415
23	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Sulphur (as S)	ASTM E 415
24	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Sulphur (as S)	IS 8811
25	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Vanadium (V)	ASTM E 415
26	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Vanadium (V)	IS 8811
27	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon (as C)	ASTM E-1086
28	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon (as C)	IS 9879
29	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium (as Cr)	ASTM E-1086
30	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium (as Cr)	IS 9879
31	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper (Cu)	ASTM E-1086
32	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper (Cu)	IS 9879
33	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese (as Mn)	IS 9879
34	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese(as Mn)	ASTM E-1086
35	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum (Mo)	ASTM E-1086
36	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum (Mo)	IS 9879
37	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel (as Ni)	ASTM E-1086

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38	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel (as Ni)	IS 9879
39	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous (as P)	ASTM E-1086
40	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous (as P)	IS 9879
41	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon (as Si)	IS 9879
42	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon(as Si)	ASTM E-1086
43	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur (as S)	ASTM E-1086
44	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur (as S)	IS 9879
45	MECHANICAL- BUILDINGS MATERIALS	(OPC/PPC/PSC/SRPC/GGBS)/ Integral Water Proofing Compound	Fineness by Dry Sieving	IS 4031 (Part 1)
46	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Compressive Strength	ASTM C 1693
47	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Compressive Strength	IS 6441 (Part-5)
48	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Dimension (Height)	IS 2185 (Part-3)
49	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Dimension (Length)	IS 2185 (Part-3)
50	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Dimension (Width)	IS 2185 (Part-3)
51	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Dry Bulk Density	ASTM C 1693
52	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Dry Density	IS 6441 (Part-1)
53	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Drying Shrinkage	IS 6441 (Part-2)
54	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Moisture Content	ASTM C 1693
55	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Moisture Content	IS 6441 (Part-1)
56	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Thermal Conductivity	IS 2185 (Part-3)

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57	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility Test	IS : 1208:
58	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Fire Point	IS: 1448 P-69
59	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point	IS: 1448 P-69
60	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Loss on Heating	IS:1212-
61	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration Test	IS : 1203:
62	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point Test	IS : 1205:
63	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Solubility in Trichloroethylene	IS:1216-
64	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
65	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Stripping value	IS : 6241:
66	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Viscosity Absolute	IS : 1206 (Part-2)
67	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Viscosity Kinematic	IS : 1206 (Part-3)
68	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix Design	Bitumen Content	ASTM D 2172
69	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix Design	Bulk Specific Gravity core	AASTHO T 166
70	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix Design	Bulk Specific Gravity core	ASTM D 2726
71	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix Design	Marshal Flow	ASTM D 6927
72	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix Design	Marshal Stability	ASTM D 6927
73	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix Design	Max Specific Gravity (Gmm)	ASTM D-2041
74	MECHANICAL- BUILDINGS MATERIALS	Burnt clay Hollow Bricks	Crushing Strength	IS 3952 :
75	MECHANICAL- BUILDINGS MATERIALS	Burnt clay Hollow Bricks	Dimension (Height)	IS 3952

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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
76	MECHANICAL- BUILDINGS MATERIALS	Burnt clay Hollow Bricks	Dimension (Length)	IS 3952
77	MECHANICAL- BUILDINGS MATERIALS	Burnt clay Hollow Bricks	Dimension (Width)	IS 3952
78	MECHANICAL- BUILDINGS MATERIALS	Burnt clay Hollow Bricks	Efflorescence Test	IS 3495 (Part - 3)
79	MECHANICAL- BUILDINGS MATERIALS	Burnt clay Hollow Bricks	Water Absorption	IS 3495 (Part - 2)
80	MECHANICAL- BUILDINGS MATERIALS	CBC/Burnt clay fly ash bricks/fly ash/Burnt clay perforated bricks	Compressive Strength	IS 3495 (Part - 1)
81	MECHANICAL- BUILDINGS MATERIALS	CBC/Burnt clay fly ash bricks/fly ash/Burnt clay perforated bricks	Dimension (Height)	IS 1077
82	MECHANICAL- BUILDINGS MATERIALS	CBC/Burnt clay fly ash bricks/fly ash/Burnt clay perforated bricks	Dimension (Length)	IS 1077
83	MECHANICAL- BUILDINGS MATERIALS	CBC/Burnt clay fly ash bricks/fly ash/Burnt clay perforated bricks	Dimension (Width)	IS 1077
84	MECHANICAL- BUILDINGS MATERIALS	CBC/Burnt clay fly ash bricks/fly ash/Burnt clay perforated bricks	Efflorescence Test	IS 3495 (Part - 3)
85	MECHANICAL- BUILDINGS MATERIALS	CBC/Burnt clay fly ash bricks/fly ash/Burnt clay perforated bricks	Water Absorption	IS 3495 (Part - 2)
86	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRPC/GGBS)/ Integral Water Proofing Compound	Compressive Strength (28 Days)	IS 4031 (Part-6)
87	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRPC/GGBS)/ Integral Water Proofing Compound	Compressive Strength (3 Days)	IS 4031 (Part-6)
88	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRPC/GGBS)/ Integral Water Proofing Compound	Compressive Strength (7 Days)	IS 4031 (Part-6)
89	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRPC/GGBS)/ Integral Water Proofing Compound	Density	IS 4031 (Part - 11)
90	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRPC/GGBS)/ Integral Water Proofing Compound	Drying Shrinkage	IS 4031 (Part - 10)
91	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRPC/GGBS)/ Integral Water Proofing Compound	Final Setting Time	IS 4031 (Part-5)
92	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRPC/GGBS)/ Integral Water Proofing Compound	Fineness by Blain Air Permeability	IS 4031 (Part-2)
93	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRPC/GGBS)/ Integral Water Proofing Compound	Initial Setting Time	IS 4031 (Part-5)
94	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRPC/GGBS)/ Integral Water Proofing Compound	Soundness By Le-Chatelier	IS 4031 (Part 3)

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95	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRPC/GGBS)/ Integral Water Proofing Compound	Standard Consistency	IS 4031 (Part 4)
96	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension (Length)	IS 1237
97	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension (Thickness)	IS 1237
98	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension (Width)	IS 1237
99	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Flatness	IS 1237
100	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Perpendicularity	IS 1237
101	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Straightness	IS 1237
102	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Thickness of wearing layer	IS 1237
103	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS 1237
104	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Wet Transverse Strength	IS 1237
105	MECHANICAL- BUILDINGS MATERIALS	Ceramic/Pressed Ceramic/Vitrified Tiles	Breaking Strength	IS 13630 (Part-6)
106	MECHANICAL- BUILDINGS MATERIALS	Ceramic/Pressed Ceramic/Vitrified Tiles	Bulk Density	IS 13630 (Part-2)
107	MECHANICAL- BUILDINGS MATERIALS	Ceramic/Pressed Ceramic/Vitrified Tiles	Determination of Chemical Resistance (Glazed Tiles)	IS 13630 (Part-8)
108	MECHANICAL- BUILDINGS MATERIALS	Ceramic/Pressed Ceramic/Vitrified Tiles	Determination of Chemical Resistance (Unglazed Tiles)	IS 13630 (Part-7)
109	MECHANICAL- BUILDINGS MATERIALS	Ceramic/Pressed Ceramic/Vitrified Tiles	Dimension (Length)	IS 13630 (Part-1)
110	MECHANICAL- BUILDINGS MATERIALS	Ceramic/Pressed Ceramic/Vitrified Tiles	Dimension (Thickness	IS 13630 (Part-1)
111	MECHANICAL- BUILDINGS MATERIALS	Ceramic/Pressed Ceramic/Vitrified Tiles	Dimension (Width)	IS 13630 (Part-1)
112	MECHANICAL- BUILDINGS MATERIALS	Ceramic/Pressed Ceramic/Vitrified Tiles	Modulus of Rupture	IS 13630 (Part-6)
113	MECHANICAL- BUILDINGS MATERIALS	Ceramic/Pressed Ceramic/Vitrified Tiles	Scratch Resistance	IS 13630 (Part-13)

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114	MECHANICAL- BUILDINGS MATERIALS	Ceramic/Pressed Ceramic/Vitrified Tiles	Water Absorption	IS 13630 (Part-2)
115	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Dimension (Length)	IS 13801
116	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Dimension (Thickness)	IS 13801
117	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Dimension (Width)	IS 13801
118	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Flatness	IS 13801
119	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Perpendicularity	IS 13801
120	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Straightness	IS 13801
121	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Thickness of wearing layer	IS 13801
122	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Water Absorption	IS 13801
123	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Wet Transverse Strength	IS 13801
124	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/GSB/WMM/WBM/Stone	10 % Fines Value	IS 2386 (Part – 4)
125	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/GSB/WMM/WBM/Stone Metal	Bulk Density (Compacted)	IS : 2386 (Part -3)
126	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/GSB/WMM/WBM/Stone Metal	Bulk Density (Loose)	IS 2386 (Part -3)
127	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/GSB/WMM/WBM/Stone Metal	Clay lumps	IS 2386 Part-2
128	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/GSB/WMM/WBM/Stone Metal	Coal and Lignite	IS 2386 Part-2
129	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/GSB/WMM/WBM/Stone Metal	Crushing Value	IS 2386 (Part-4)
130	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/GSB/WMM/WBM/Stone Metal	Elongation index	IS : 2386 (Part I)
131	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/GSB/WMM/WBM/Stone Metal	Flakiness index	IS : 2386 (Part I)
132	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/GSB/WMM/WBM/Stone Metal	Gradation (4.75 mm to 80 mm)	IS 2386 (Part-1)

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133	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/GSB/WMM/WBM/Stone Metal	Impact value	IS : 2386 (Part-4)
134	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/GSB/WMM/WBM/Stone Metal	Los Abrasion Test	IS : 2386 (Part-4)
135	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/GSB/WMM/WBM/Stone Metal	Material Finer 75 micron	IS 2386 (Part I)
136	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/GSB/WMM/WBM/Stone Metal	Organic Impurities	IS 2386 Part-2
137	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/GSB/WMM/WBM/Stone Metal	Soft particles	IS 2386 Part-2
138	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/GSB/WMM/WBM/Stone Metal	Soundness	IS 2386 (Part – 5)
139	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/GSB/WMM/WBM/Stone Metal	Specific Gravity	IS 2386 (Part -3)
140	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/GSB/WMM/WBM/Stone Metal	Water Absorption	IS 2386 (Part -3)
141	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 (Part-4)
142	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Compacted)	IS 2386 (Part -3)
143	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose)	IS 2386 (Part -3)
144	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking	IS 2386 (Part -3)
145	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Clay Lumps	IS 2386 Part-2
146	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Coal and Lignite	IS 2386 Part-2
147	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Gradation (150 Micron to 10 mm)	IS 2386 (Part-1)
148	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer 75 micron	IS 2386 (Part I)
149	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS 2386 Part-2
150	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content	IS 2386 (Part-2)
151	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness	IS 2386 (Part – 5)

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152	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part -3)
153	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Surface Moisture	IS 2386 (Part -3)
154	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part -3)
155	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Compressive Strength	IS 1727
156	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Drying Shrinkage	IS 1727
157	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by Blain permeability	IS 1727
158	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Lime Reactivity	IS 1727
159	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Particle retained on 150 micron Dry IS Sieve	IS 1727
160	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Particle retained on 45 micron Dry IS Sieve	IS 1727
161	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Soundness By Le-Chatelier	IS 1727
162	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific Gravity	IS 1727
163	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Brick	Dimension (Height)	IS 12894
164	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Brick	Dimension (Length)	IS 12894
165	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Brick	Dimension (Width)	IS 12894
166	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump	IS 1199
167	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Weight Per Cubic Meter	IS 1199
168	MECHANICAL- BUILDINGS MATERIALS	Granite (Structural & Polished) / Marble / Kota Stone)	Apparent porosity	IS 1124
169	MECHANICAL- BUILDINGS MATERIALS	Granite (Structural & Polished) / Marble / Kota Stone)	Apparent Specific Gravity	IS 1124
170	MECHANICAL- BUILDINGS MATERIALS	Granite (Structural & Polished) / Marble / Kota Stone)	Compressive Strength (Dry)	IS 1121 (Part-1)

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171	MECHANICAL- BUILDINGS MATERIALS	Granite (Structural & Polished) / Marble / Kota Stone)	Split Tensile Test (Dry)	IS 1121 (Part-3)
172	MECHANICAL- BUILDINGS MATERIALS	Granite (Structural & Polished) / Marble / Kota Stone)	Split Tensile Test (Wet)	IS 1121 (Part-3)
173	MECHANICAL- BUILDINGS MATERIALS	Granite (Structural & Polished) / Marble / Kota Stone)	Transverse Strength (Dry)	IS 1121 (Part-2)
174	MECHANICAL- BUILDINGS MATERIALS	Granite (Structural & Polished) / Marble / Kota Stone)	Transverse Strength (Wet)	IS 1121 (Part-2)
175	MECHANICAL- BUILDINGS MATERIALS	Granite (Structural & Polished) / Marble / Kota Stone)	True Porosity	IS 1124
176	MECHANICAL- BUILDINGS MATERIALS	Granite (Structural & Polished) / Marble / Kota Stone)	True Specific Gravity	IS 1122
177	MECHANICAL- BUILDINGS MATERIALS	Granite (Structural & Polished) / Marble / Kota Stone)	Water Absorption	IS 1124
178	MECHANICAL- BUILDINGS MATERIALS	Granite (Structural & Polished) /Marble /Kota Stone)	Compressive Strength (Wet)	IS 1121 (Part-1)
179	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516 (part1/sec 1)
180	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive strength by Accelerated curing Tank	IS 9013
181	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Density	IS 516
182	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Density	IS 516 Part-2 (Sec-1)
183	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Drying Shrinkage Test	IS 516 (Part-6)
184	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Flexural Strength	IS 516 (Part 1/Sec 1)
185	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Moisture Movement	IS 516 (Part-6)
186	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Split Tensile Test	IS 516 (Part 1/Sec 1)
187	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Block Density	IS 2185 (Part 1)
188	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Compressive Strength	IS 2185 (Part 1)
189	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension (Height)	IS 2185 (Part 1)

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190	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension (Length)	IS 2185 (Part 1)
191	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension (Width)	IS 2185 (Part 1)
192	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Drying Shrinkage	IS 2185 (Part 1)
193	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Moisture Movement	IS 2185 (Part 1)
194	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Water Absorption	IS 2185 (Part 1)
195	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
196	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Length)	IS 15658
197	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Thickness)	IS 15658
198	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Width)	IS 15658
199	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Flexural Strength	IS 15658
200	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Plain Area	IS 15658
201	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Tensile Strength	IS 15658
202	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Thickness of wearing layer	IS 15658
203	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
204	MECHANICAL- BUILDINGS MATERIALS	Perforated Brick	Dimension (Height)	IS 2222:
205	MECHANICAL- BUILDINGS MATERIALS	Perforated Brick	Dimension (Length)	IS 2222:
206	MECHANICAL- BUILDINGS MATERIALS	Perforated Brick	Dimension (Width)	IS 2222:
207	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MS Plate	% Elongation	IS 1608 (Part-1)

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208	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MS Plate	Ultimate Tensile Strength	IS 1608 (Part-1)
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MS Plate	Yield Strength	IS 1608 (Part-1)
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Coupler	% Elongation at maximum force	IS 16172
211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Coupler	Distance of Fracture from Coupler	IS 16172
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Coupler	Tensile Strength	IS 16172
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	% Elongation	IS 1608 (Part-1)
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Bend Test	IS 1599
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Mass Per Meter	IS 1786
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Re-bend Test	IS 1786
217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Tensile Strength/ Yield Stress Ratio	IS 1786
218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Ultimate Tensile Strength	IS 1608 (Part-1)
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Yield Strength	IS 1608 (Part-1)
220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube	% Elongation	IS 1608 (Part-1)
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube	Mass per meter	IS 1161

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222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube	Outside Diameter	IS 1161
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube	Tensile Strength	IS 1608 (Part-1)
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube	Thickness	IS 1161
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube	Yield Strength	IS 1608 (Part-1)
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress relieved Strand	% Elongation(Total elongation)	IS 14268
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress relieved Strand	0.2 % proof Load	IS 14268
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress relieved Strand	Breaking Strength	IS 14268
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress relieved Strand	Lay Length	IS 14268
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress relieved Strand	Nominal Diameter of Strand	IS 14268
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress relieved Strand	Nominal Mass of Strand	IS 14268
232	MECHANICAL- SOIL AND ROCK	Bentonite	Differential Free Swelling	IS 2720 (Part - 40)
233	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness Dry	IS 6186
234	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness Wet	IS 6186
235	MECHANICAL- SOIL AND ROCK	Bentonite	Gel Formation Index	IS 6186
236	MECHANICAL- SOIL AND ROCK	Bentonite	Liquid Limit	IS 2720 (Part-5)

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237	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture Content	IS 6186
238	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content	IS 6186
239	MECHANICAL- SOIL AND ROCK	Bentonite	Specific Gravity	IS 2720 (Part-3)
240	MECHANICAL- SOIL AND ROCK	Kerb Stone	Dimension (Length)	IS 5758
241	MECHANICAL- SOIL AND ROCK	Kerb Stone	Dimension (Thickness)	IS 5758
242	MECHANICAL- SOIL AND ROCK	Kerb Stone	Dimension (Width)	IS 5758
243	MECHANICAL- SOIL AND ROCK	Kerb Stone	Surface layer thickness	IS 5758
244	MECHANICAL- SOIL AND ROCK	Kerb Stone	Transverse Strength	IS 5758
245	MECHANICAL- SOIL AND ROCK	Kerb Stone	Water Absorption (10 minute)	IS 5758
246	MECHANICAL- SOIL AND ROCK	Kerb Stone	Water Absorption (24 hrs)	IS 5758
247	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
248	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index	IS 8764
249	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
250	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compression Strength	IS 9143
251	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS 13030
252	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	California Bearing Ratio (CBR)	IS 2720 (Part -16)
253	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Consolidation (Av)	IS 2720 (Part - 15)
254	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Consolidation (Cv)	IS 2720 (Part - 15)
255	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Direct Shear Test- Angle of internal friction	IS 2720 (Part -13)

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256	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Direct Shear Test- cohesion	IS 2720 (Part -13)
257	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Free Swell Index	IS 2720 (Part - 40)
258	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Grain Size Analysis (Dry Analysis)	IS 2720 (Part-IV)
259	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Grain Size Analysis (Wet Analysis)	IS 2720 (Part-IV)
260	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Heavy Compaction (MDD)	IS 2720 (Part-8)
261	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Heavy Compaction (OMC)	IS 2720 (Part-8)
262	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Light Compaction (MDD)	IS 2720 (Part -7)
263	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Light Compaction (OMC)	IS 2720 (Part -7)
264	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Liquid Limit	IS 2720 (Part-5)
265	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Plastic Limit	IS 2720 (Part-5)
266	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Shrinkage Limit	IS 2720 (Part - 41)
267	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Specific Gravity	IS 2720(Part-3)
268	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Swelling Pressure	IS 2720 (Part - 41)
269	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Tri-axial Shear Test (cohesion)	IS 2720 (Part - 11)
270	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Tri-axial Shear Test Angle of internal friction	IS 2720 (Part - 11)
271	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Unconfined Compressive Strength	IS 2720 (Part–10)
272	MECHANICAL- SOIL AND ROCK	Soil / GSB/WMM/WBM/Stone Metal	Water Content	IS 2720 (Part-2)
273	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Acid & Alkalinity Resistance Test	IS 1734 (Part-20)
274	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Density	IS 1734 (Part-1)

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275	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Moisture Content	IS 1734 (Part-1)
276	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Resistance to Dry Heat	IS 1734 (Part-2)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil Filed Test	Dry Density (Core Cutter Method)	IS 2720 (Part-29)
2	MECHANICAL- SOIL AND ROCK	Soil Filed Test	Dry Density (Sand Replacement Method)	IS 2720 (Part-28)
3	MECHANICAL- SOIL AND ROCK	Soil Filed Test	Field Moisture Content	IS 2720 (Part-2)
4	MECHANICAL- SOIL AND ROCK	Soil Filed Test	Standard Penetration	IS 2131
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half-cell potential difference test	ASTM C 876
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound hammer test	ASTM C 805
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound hammer test	IS 516(Part-5),Sec4
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity	ASTM C 597
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity	IS 516 (Part-5) Sec.1