National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : STTAR TECHNOLOGIES, B-6, PLOT NO 6,G-20 TO 24, PLATINUM SPRINGS,TALOJA MIDC, TAL PANVEL, NAVI MUMBAI, MAHARASHTRA, INDIA

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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 Facility				
1	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
3	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride	IS 6925
6	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Appearance	Ref.-MCM-1706 (RDSO Specfication)
7	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Appearance	STTAR/CHEM/SOP/05
8	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Chloride Migration Profile Properties of Concrete With and Without CPCIA	AASTHO T-259 & ASTM C-1202
9	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Immersion Test For 720 Hrs	ASTM G1-03
10	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Odour	Ref.-MCM-1706 (RDSO Specification)
11	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Odour	STTAR/CHEM/SOP/15
12	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	PH	IS 9103
13	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Skin Irritation	Ref.-MCM-1706 (RDSO Specification)
14	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Skin Irritation	STTAR/CHEM/SOP/19
15	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Specific Gravity	STTAR/CHEM/SOP/25
16	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Viscosity	STTAR/CHEM/SOP/30
17	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Viscosity By Ford Cup	IS 101-1-5
18	CHEMICAL- BUILDING MATERIAL	Cement opc/ppc/psc	water soluble alkali as Na2O	IS 4032

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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
19	CHEMICAL- BUILDING MATERIAL	Ceramic Tile (Unglazed)	Chemical Resistance	IS 13630 Part 7
20	CHEMICAL- BUILDING MATERIAL	Ceramics Tile (Glazed)	Chemical Resistance	IS 13630 (Part 8)
21	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate/ Fine Aggregate	Alkali Aggregate Reactivity - Dissolved Silica	IS 2386 Part 7
22	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate/ Fine Aggregate	Alkali Aggregate Reactivity - Reduction in Alkalinity	IS 2386 Part 7
23	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate/ Fine Aggregate	Chloride	IS 14959 Part 1
24	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate/ Fine Aggregate	Chloride	BS EN 1744 Part 1
25	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate/ Fine Aggregate	pH	STTAR/CHEM/SOP/16
26	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate/ Fine Aggregate	Sulphate	BS EN 1744 Part 1
27	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate/ Fine Aggregate	Water Soluble Sulphate	STTAR/CHEM/SOP/07
28	CHEMICAL- BUILDING MATERIAL	Concrete/Mortar	Chloride	ASTM C 1218
29	CHEMICAL- BUILDING MATERIAL	Crushed Sand/Natural sand/Manufactured sand	Water Soluble Sulphate	STTAR/CHEM/SOP/07
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 Part 1
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	STTAR/CHEM/SOP/16
35	CHEMICAL- BUILDING MATERIAL	Crushed Sand/Natural sand/Manufactured sand	Sulphate	BS EN 1744 Part 1
36	CHEMICAL- BUILDING MATERIAL	Curing Compound	pH	STTAR/CHEM/SOP/18
37	CHEMICAL- BUILDING MATERIAL	Curing Compound	Relative Density	STTAR/CHEM/SOP/20

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38	CHEMICAL- BUILDING MATERIAL	Curing Compound	Water Retention	ASTM C156
39	CHEMICAL- BUILDING MATERIAL	Fine Aggregates	Organic Impurities	IS 2386 Part 2
40	CHEMICAL- BUILDING MATERIAL	Fly Ash	Combined Ferric Oxide and Alumina	IS 1727
41	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss on ignition	IS 1727
42	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesia(MgO)	IS 1727
43	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica (SiO2)	IS 1727
44	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphuric Anhydride (SO3)	IS 1727
45	CHEMICAL- BUILDING MATERIAL	Flyash	Calcium Oxide	IS 1727
46	CHEMICAL- BUILDING MATERIAL	Flyash	Chloride	STTAR/CHEM/SOP/11
47	CHEMICAL- BUILDING MATERIAL	GGBS	Alumina	IS 4032
48	CHEMICAL- BUILDING MATERIAL	GGBS	Calcium Oxide(CaO)	IS 4032
49	CHEMICAL- BUILDING MATERIAL	GGBS	Insoluble Residue	IS 4032
50	CHEMICAL- BUILDING MATERIAL	GGBS	Iron Oxide	IS 4032
51	CHEMICAL- BUILDING MATERIAL	GGBS	Loss on Ignition	IS 4032
52	CHEMICAL- BUILDING MATERIAL	GGBS	Magnesia	IS 4032
53	CHEMICAL- BUILDING MATERIAL	GGBS	Moisture	IS 16714
54	CHEMICAL- BUILDING MATERIAL	GGBS	Silica	IS 4032
55	CHEMICAL- BUILDING MATERIAL	GGBS	Sulphuric Anhydride(SO3)	IS 4032
56	CHEMICAL- BUILDING MATERIAL	Gypsum& Gypsum plaster	Calcium Oxide	IS 1288

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57	CHEMICAL- BUILDING MATERIAL	Gypsum& Gypsum plaster	Calcium Sulphate	IS 1288
58	CHEMICAL- BUILDING MATERIAL	Gypsum& Gypsum plaster	Combined Water	IS 1288
59	CHEMICAL- BUILDING MATERIAL	Gypsum& Gypsum plaster	Free Lime	IS 2547 Part 1
60	CHEMICAL- BUILDING MATERIAL	Gypsum& Gypsum plaster	Free Water	IS 1288
61	CHEMICAL- BUILDING MATERIAL	Gypsum& Gypsum plaster	Iron & aluminium Oxide	IS 1288
62	CHEMICAL- BUILDING MATERIAL	Gypsum& Gypsum plaster	Loss On Ignition	IS 2547 Part 1
63	CHEMICAL- BUILDING MATERIAL	Gypsum& Gypsum plaster	Silica and Acid Insoluble	IS 1288
64	CHEMICAL- BUILDING MATERIAL	Gypsum& Gypsum plaster	Sulphur Trioxide	IS 1288
65	CHEMICAL- BUILDING MATERIAL	Gypsum& Gypsum plaster	Magnesium Oxide	STTAR/CHEM/SOP/13
66	CHEMICAL- BUILDING MATERIAL	Harden Concrete	Acid Soluble Chloride	BS 1881 (Part 124)
67	CHEMICAL- BUILDING MATERIAL	Harden Concrete	Acid Soluble Sulphate	BS 1881 (Part 124)
68	CHEMICAL- BUILDING MATERIAL	Hardened Concrete / Mortar	Chloride	IS 14959 Part 2
69	CHEMICAL- BUILDING MATERIAL	OPC / PPC / PSC Cement	Alumina (Al2O3)	IS 4032
70	CHEMICAL- BUILDING MATERIAL	OPC / PPC / PSC Cement	Calcium Oxide (CaO)	IS 4032
71	CHEMICAL- BUILDING MATERIAL	OPC / PPC / PSC Cement	Chloride Content	IS 4032
72	CHEMICAL- BUILDING MATERIAL	OPC / PPC / PSC Cement	Ferric Oxide (Fe2O3)	IS 4032
73	CHEMICAL- BUILDING MATERIAL	OPC / PPC / PSC Cement	Insoluble Residue	IS 4032
74	CHEMICAL- BUILDING MATERIAL	OPC / PPC / PSC Cement	Loss on Ignition	IS 4032
75	CHEMICAL- BUILDING MATERIAL	OPC / PPC / PSC Cement	Magnesia oxide (MgO)	IS 4032

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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	CHEMICAL- BUILDING MATERIAL	OPC / PPC / PSC Cement	Silica (SiO2)	IS 4032
77	CHEMICAL- BUILDING MATERIAL	OPC / PPC / PSC Cement	Sulphuric Anhydride(SO3)	IS 4032
78	CHEMICAL- BUILDING MATERIAL	Plywood	pH	IS 1734 Part 8
79	CHEMICAL- BUILDING MATERIAL	Silica Fume	Loss on Ignition	IS 1727
80	CHEMICAL- BUILDING MATERIAL	Silica Fume	Moisture Content	IS 15388
81	CHEMICAL- BUILDING MATERIAL	Silica Fume	SiO2	IS 1727
82	CHEMICAL- BUILDING MATERIAL	Silicafume/Microsilica/Flyash	Loss on Ignition	ASTM C 311
83	CHEMICAL- BUILDING MATERIAL	Silicafume/Microsilica/Flyash	Moisture Content	ASTM C 311
84	CHEMICAL- BUILDING MATERIAL	Silicafume/Microsilica/Flyash/Cement	SiO2	ASTM C 114
85	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Aluminium	ASTM E 415
86	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Aluminium	IS 8811
87	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Carbon	ASTM E415
88	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Carbon	IS 8811
89	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Chromium	ASTM E415
90	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Chromium	IS 8811
91	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Copper	ASTM E415
92	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Copper	IS 8811
93	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Manganese	ASTM E415
94	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Manganese	IS 8811

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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
95	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Molybdenum	ASTM E415
96	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Molybdenum	IS 8811
97	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Nickel	ASTM E415
98	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Nickel	IS 8811
99	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Niobium	IS 8811
100	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Phosphorus	ASTM E415
101	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Phosphorus	IS 8811
102	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Silicon	ASTM E415
103	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Silicon	IS 8811
104	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Sulphur	ASTM E415
105	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Sulphur	IS 8811
106	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Titanium	ASTM E 415
107	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Titanium	IS 8811
108	CHEMICAL- METALS & ALLOYS	Iron alloy steel & Carbon steel	Carbon	IS 228 Part 1
109	CHEMICAL- METALS & ALLOYS	Iron alloy steel & Carbon steel	Phosphorous	IS 228 Part 3
110	CHEMICAL- METALS & ALLOYS	Iron alloy steel &Carbon steel	Sulphur	STTAR/CHEM/SOP/02
111	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
112	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon	IS 9879
113	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E 1086

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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
114	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	IS 9879
115	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper	ASTM E 1086
116	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper	IS 9879
117	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	ASTM E 1086
118	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	IS 9879
119	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E 1086
120	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	IS 9879
121	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	ASTM E 1086
122	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	IS 9879
123	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorous	IS 9879
124	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorus	ASTM E 1086
125	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	ASTM E1086
126	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	IS 9879
127	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur	ASTM E 1086
128	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur	IS 9879
129	CHEMICAL- SOIL AND ROCK	Bentonite	pH test	IS 6186
130	CHEMICAL- SOIL AND ROCK	Soil	Chloride (Acid soluble)	BS 1377 Part 3
131	CHEMICAL- SOIL AND ROCK	Soil	Chloride (Water Soluble)	BS 1377 Part 3
132	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 Part 22

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133	CHEMICAL- SOIL AND ROCK	Soil	pH Value	IS 2720 Part 26
134	CHEMICAL- SOIL AND ROCK	Soil	Total soluble Sulphate	IS 2720 Part 27
135	CHEMICAL- WATER	Water for construction purpose	Acidity	IS 3025 Part 22
136	CHEMICAL- WATER	Water for construction purpose	Alkalinity	IS 3025 Part 23
137	CHEMICAL- WATER	Water for construction purpose	Chloride	IS 3025 Part 32
138	CHEMICAL- WATER	Water for construction purpose	Inorganic Impurities(Fixed Solids)	IS 3025 Part 18
139	CHEMICAL- WATER	Water for construction purpose	Organic Impurities (Volatile Solids)	IS 3025 Part 18
140	CHEMICAL- WATER	Water for construction purpose	pH	IS 3025 Part 11
141	CHEMICAL- WATER	Water for construction purpose	Sulphate (So3)	IS 3025 : Part 24 : Sec 1
142	CHEMICAL- WATER	Water for construction purpose	Total Hardness (CaCo3)	IS 3025 Part 21
143	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solid	IS 3025 Part 17
144	MECHANICAL- BUILDINGS MATERIALS	Admixture	Bleeding	IS 9103
145	MECHANICAL- BUILDINGS MATERIALS	Admixture	Water Content	IS 9103
146	MECHANICAL- BUILDINGS MATERIALS	Admixture	Compressive strength	IS 516
147	MECHANICAL- BUILDINGS MATERIALS	Admixture	Flexural Strength	IS 516
148	MECHANICAL- BUILDINGS MATERIALS	Admixture Cement Compatibility test	Marsh cone.	IS 10262 (Annex G)
149	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Block Density	IS 6441 Part 1
150	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Compressive Strength	IS 6441 Part 5
151	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Dimension	IS 2185 Part 3
152	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Drying Shrinkage	IS 6441 Part 2
153	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Moisture Content	IS 6441 Part 1

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154	MECHANICAL- BUILDINGS MATERIALS	Bentonite	Marsh Viscosity	ASTM D 6910
155	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Binder Content	IRC SP-11
156	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Bitumen Penetration Test	IS 1203
157	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Ductility Test	IS 1201
158	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Fire and Flash Point test	IS 1209
159	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Softening Point Test	IS 1205
160	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Solubility in Trichloroethylene test	IS 1202
161	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Specific Gravity of Bitumen test	IS 1202
162	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Test on Residue from rolling thin flim oven Test	IS 9382
163	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Viscosity (Absolute at 60'C Poise)test	IS 1201
164	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Viscosity (Kinematic at 135'C CST) test	IS 1201
165	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Hardness Test of Bitumen Mastic Asphalt Test	IS 1195
166	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete	Bituminous Core Density Test	MORTH 5th rev
167	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete	Impact Value test	IS 2386 Part 4
168	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete	Marshal Stability test	ASTM D 6927
169	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete	Sieve Analysis BM (37.5mm at Sieve) test	MORTH 5th rev
170	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete	Sieve Analysis DBM (37.5MM Sieve) test	MORTH 5th rev
171	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete	Soundness By Na2 So4 test	IS 2386 Part 5
172	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete	Specific Gravity of Filer test	IS 2720 : Part 3 : Sec 2

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173	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete	Water Absorption test	IS 2386 Part 3
174	MECHANICAL- BUILDINGS MATERIALS	Bituminous concrete	Marshall Flow	ASTM D6927
175	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete	Sieve Analysis BC test	IS 2386(P-1)
176	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick & Flyash Bricks	Compressive strength	IS 3495 Part 1
177	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick & Flyash Bricks	Dimension	IS 1077
178	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick & Flyash Bricks	Efflorescence	IS 3495 Part 3
179	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick & Flyash Bricks	Water Absorption	IS 3495 Part 2
180	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension	IS:1237
181	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Flatness	IS:1237 (Annex-B)
182	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Perpendicularity	IS:1237 (Annex-C)
183	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Straightness	IS:1237 (Annex-D)
184	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS:1237 (Annex-E)
185	MECHANICAL- BUILDINGS MATERIALS	Cement Mortar and Concrete	Integral Waterproofing (Liquid & Powder) Determination of permeability to water	IS 2645
186	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Scratch Hardness by Moh’s scale	IS 13630 Part 13
187	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Breaking Strength	IS 13630(P-6)
188	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension	IS 13630 : Part 1
189	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Rectangularity	IS 13630(P-1)
190	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Straightness	IS 13630(P-1)

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191	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630 Part 2
192	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Dimension	IS 13801
193	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Flatness	IS 13801
194	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Straightness	IS 13801
195	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Water Absorption	IS 13801
196	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Perpendicularity	IS 13801
197	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 Part 3
198	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% fine value	IS 2386 Part 4
199	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS 2386 Part 4
200	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose & Rodded)	IS 2386 Part 3
201	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 Part 4
202	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious content- 75um / Fine Slit /Fine Dust	IS 2386 Part 1
203	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material - Coal & Lignite	IS 2386 part 2
204	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material - Soft Particles	IS 2386 part 2
205	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 Part 1
206	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 part 1
207	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 part 4
208	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Size & Grading (4.75 mm to 80 mm)	IS 2386 Part 1
209	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness - MgSO4	IS 2386 part 5

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210	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness - Na2SO4	IS 2386 Part 5
211	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 Part 3
212	MECHANICAL- BUILDINGS MATERIALS	Concrete	Initial surface absorption of concrete (ISAT)	BS 1881-208
213	MECHANICAL- BUILDINGS MATERIALS	Concrete	Rapid Chloride Penetration (RCPT)	ASTM C 1202
214	MECHANICAL- BUILDINGS MATERIALS	Concrete	Alkali Silica Reaction (ASR)	ASTM C 1293
215	MECHANICAL- BUILDINGS MATERIALS	Concrete	Chloride Diffusion Coefficient	ASTM C-1556
216	MECHANICAL- BUILDINGS MATERIALS	Concrete	Chloride Migration Coefficient (RCMT)	NT Build 492
217	MECHANICAL- BUILDINGS MATERIALS	Concrete	Curing Efficiency Index	BS 7542
218	MECHANICAL- BUILDINGS MATERIALS	Concrete	Initial Surface Absorption Test	IS 516 Part 2:Sec 2
219	MECHANICAL- BUILDINGS MATERIALS	Concrete	Length Change	ASTM C1012
220	MECHANICAL- BUILDINGS MATERIALS	Concrete	Non Volatile Content	ASTM C156
221	MECHANICAL- BUILDINGS MATERIALS	Concrete	Reduction Shrinkage Cracks	ISO 1920 Part 8
222	MECHANICAL- BUILDINGS MATERIALS	Concrete /Concrete Beam	Flexural Strength	IS 516 Part 1:Sec 1
223	MECHANICAL- BUILDINGS MATERIALS	Concrete Core /Concrete Cylinder	Compressive Strength	IS 516 Part 4
224	MECHANICAL- BUILDINGS MATERIALS	Concrete Core/Concrete Cylinder	Water Permeability	IS 3085
225	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength by ACT	IS 9013
226	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube /Concrete Cylinder	Water Absorption	ASTM C 642
227	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube/Concrete Core/Concrete Cylinder	Water Absorption	BS 1881-122
228	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube/Concrete Core/Concrete Cylinder	Depth of Penetration of water under Pressure	BS EN 12390-8

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229	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube/Concrete Core/Concrete Cylinder	Water Permeability	IS 516 Part 2/Sec 1
230	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube/Concrete Cylinder	Water Permeability	EN14891
231	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube/Concrete Cylinder/Concrete Core	Compressive Strength	IS 516
232	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube/Cylinder	Compressive Strength	IS 516 Part 1 :Sec 1
233	MECHANICAL- BUILDINGS MATERIALS	Concrete Cylinder	E -Value	IS 456
234	MECHANICAL- BUILDINGS MATERIALS	Concrete Cylinder	Modulus of Elasticity	IS 516 Part 8 :Sec 1
235	MECHANICAL- BUILDINGS MATERIALS	Concrete Cylinder	Modulus of Elasticity	ASTM C469
236	MECHANICAL- BUILDINGS MATERIALS	Concrete Cylinder /Concrete Cube	Split tensile strength	IS 5816
237	MECHANICAL- BUILDINGS MATERIALS	Concrete Cylinder/Cube	Tensile Splitting Strength	BS EN 12390 -6
238	MECHANICAL- BUILDINGS MATERIALS	Concrete Prism	Drying Shrinkage	BS 1881 Part 5
239	MECHANICAL- BUILDINGS MATERIALS	Concrete Prism	Drying Shrinkage	IS 1199
240	MECHANICAL- BUILDINGS MATERIALS	Concrete Prism	Moisture Movement	IS 1199
241	MECHANICAL- BUILDINGS MATERIALS	Concrete Prism	Drying Shrinkage	IS 516 Part 6
242	MECHANICAL- BUILDINGS MATERIALS	Concrete Prism	Moisture Movement	: BS 1881 Part 5
243	MECHANICAL- BUILDINGS MATERIALS	Concrete Prism	Moisture Movement	IS 516 Part 6
244	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose & Rodded)	IS 2386 Part 3
245	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material - Clay Lumps	IS 2386 Part 2
246	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material - Lightweight Pieces (Coal & Lignite)	IS 2386 Part 2

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247	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material - Soft Particles	IS 2386 Part 2
248	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Finer than 75 micron	IS 2386 Part 1
249	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Moisture Content	IS 2386 Part 3
250	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (0.15 mm to 10 mm)	IS 2386 Part 1
251	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness - MgSO4	IS 2386 Part 5
252	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness - Na2SO4	IS 2386 Part 5
253	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 Part 3
254	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 Part 3
255	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Air Content	IS 1199 Part 4
256	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Test	IS 1199 Part 2
257	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete / Harden Concrete	Density	IS 1199 (P-3)
258	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete / Harden Concrete	Flow of Concrete of High Workability	IS 9103
259	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete / Harden Concrete	Setting Time of Concrete By Penetration Resistance	IS 1199 Part 7
260	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete /Harden Concrete	Flow	IS 1199 (P-2)
261	MECHANICAL- BUILDINGS MATERIALS	Fusion bond Epoxy coating	Adhesion of coating	IS 13620
262	MECHANICAL- BUILDINGS MATERIALS	Fusion bond Epoxy coating	Coating Thickness	IS 13620
263	MECHANICAL- BUILDINGS MATERIALS	Fusion bond Epoxy coating	Continuity of Coating	IS 13620
264	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	10 percent Fines Value	IS 2386 Part 4
265	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Abrasion Value - Los Angeles	IS 2386 Part 4

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266	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Crushing Value	IS 2386 Part 4
267	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Elongation Index	IS 2386 Part 1
268	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Flakiness Index	IS 2386 Part 1
269	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Impact Value	IS 2386 Part 4
270	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Water Absorption	IS 2386 Part 3
271	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Sieve Analysis	IS 2386 Part 1
272	MECHANICAL- BUILDINGS MATERIALS	Granulated Glass Blast Furnace Slag (GGBS)	Slag Activity Index	IS 4031 : Part 6
273	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Dry bulk density	IS : 2542 (Part I/Sec 5)
274	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Freedom From Coarse Particles	IS : 2542 (Part I/Sec 8)
275	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Setting time	IS : 2542 (Part I/Sec 3)
276	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Compressive Strength	IS 2542(Part 1/Sec 5)
277	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Normal Consistency	IS 2542(Part 1)Sec 2
278	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Block Density	IS 2185 Part 1 (ANNEX-C)
279	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Compressive Strength	IS 2185 Part 1 (ANNEX-D)
280	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension	IS 2185 Part 1 (ANNEX-B)
281	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Drying Shrinkage	IS 2185 : Part 1 (ANNEX-F)
282	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Water Absorption	IS 2185 : Part 1 (ANNEX-E)
283	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC-33G, 43G, 53G / PSC / PPC / White Cement	Density	IS 4031 Part 11

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284	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC-33G, 43G, 53G / PSC / PPC / White Cement / Cement Mortar / Integral Water Proofing Compound / Cement Base Wall Putty	Setting Time (Final)	IS 4031 Part 5
285	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC-33G, 43G, 53G / PSC / PPC / White Cement / Cement Mortar / Integral Water Proofing Compound / Cement Base Wall Putty	Setting Time (Initial)	IS 4031 Part 5
286	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC-33G, 43G, 53G / PSC / PPC / White Cement / Cement Mortar / Integral Water Proofing Compound / Cement Base Wall Putty	Consistency	IS 4031 Part 4
287	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC-33G, 43G, 53G / PSC / PPC / White Cement / Cement Mortar / Integral Water Proofing Compound/ Cement Base Wall Putty	Compressive Strength	IS 4031 Part 6
288	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC-33G,43G,53G / PSC / PPC / White Cement	Soundness (Le-Chatelier)	IS 4031 Part 3
289	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC-33G,43G,53G / PSC / PPC /GGBS / White Cement	Fineness (by Blaine's Method)	IS 4031 Part 2
290	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC-33G,43G,53G / PSC / PPC /GGBS / White Cement	Drying Shrinkage	IS 4031 Part 10
291	MECHANICAL- BUILDINGS MATERIALS	Man Hole frame & Cover (Cast Iron)	Load test	IS 1726
292	MECHANICAL- BUILDINGS MATERIALS	Man Hole frame & Cover (Concrete)	Load Test	IS 12592
293	MECHANICAL- BUILDINGS MATERIALS	Masonary /Concrete Cube /Concrete Cylinder	Resistance to Hydrostatic Pressure for Coatings	ASTM D 7088
294	MECHANICAL- BUILDINGS MATERIALS	Microsilica	Percent retained on 45-µm	ASTM C 1240
295	MECHANICAL- BUILDINGS MATERIALS	Microsilica/Silica Fume	Compressive strength at 7 days	IS 1727
296	MECHANICAL- BUILDINGS MATERIALS	Microsilica/Silica Fume	Particle retained on 45micron IS: Sieve (wet sieving)	IS 1727
297	MECHANICAL- BUILDINGS MATERIALS	Microsilica/Silica Fume	Specific Gravity	IS 1727
298	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658 (Annex-D)
299	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension - Length	IS 15658 (Annex-B)
300	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension - Thickness	IS 15658 (Annex-B)

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301	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension - Width	IS 15658(Annex-B)
302	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Split tensile test	IS 15658 (Annex-F)
303	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Plan Area	IS 15658 (Annex-B)
304	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658 (Annex-C)
305	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic materials	Compressive Strength	IS 1727
306	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic materials	Fineness (Specific Surface) (by Blaine's Method)	IS 1727
307	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic materials	Lime reactivity	IS 1727
308	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic materials	Particle retained on 45 micron IS Sieve (wet Sieving)	IS 1727
309	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic materials	Setting Time (Final)	IS 1727
310	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic materials	Setting Time (Initial)	IS 1727
311	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic materials	Soundness (Le-Chatelier)	IS 1727
312	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic materials	Specific Gravity	IS 1727
313	MECHANICAL- BUILDINGS MATERIALS	PRECAST CONCRETE KERBS, CHANNELS, EDGINGS, QUADRANTS AND GUTTER APRONS	Water Absorption	IS 5758
314	MECHANICAL- BUILDINGS MATERIALS	PRECAST CONCRETE KERBS, CHANNELS, EDGINGS, QUADRANTS AND GUTTER APRONS	Transvers Strength	IS 5758
315	MECHANICAL- BUILDINGS MATERIALS	Silicafume/Microsilica	Accelerated Pozzolanic Strength Activity Index with Portland Cement	ASTM C 311
316	MECHANICAL- BUILDINGS MATERIALS	Silicafume/Microsilica	Bulk Density	ASTM C1240
317	MECHANICAL- BUILDINGS MATERIALS	Silicafume/Microsilica/Flyash/Cement	Compressive strength	ASTM C109
318	MECHANICAL- BUILDINGS MATERIALS	Stone (Marble)	Dimension	IS 1130

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319	MECHANICAL- BUILDINGS MATERIALS	Stone (Marble)	Moh's hardness (Scratch Hardness)	IS 13630 (Part 13)
320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High strength Steel Bar	Weight per meter length	IS 1786
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrus Metal-Tensile Test	Yield Stress 0.2% Proof Test	IS 1608 Part 1
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrus Metal-Tensile Test	Elongation	IS 1608 Part 1
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrus Metal-Tensile Test	Ultimate Tensile Strnegth	IS 1608 Part 1
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforced Bar	Re bend test	IS 1786
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforced Bar	Yield Stress	IS 1608 Part 1
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Steel (Reduction in Area)	IS 1608 Part 1
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plates, Chequered Plates, Dowel Bars, Hollow Section, High strength Steel Bar, Steel tubes, GI Pipes, Steel Beam, Steel Column, Steel Channel, Steel Angles, Reinforced Coupler& Bar	Reduction in Area	IS 1608 Part 1
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plates, Chequered Plates, Dowel Bars, Hollow Section, High strength Steel Bar, Steel tubes, GI Pipes, Steel Beam, Steel Column, Steel Channel, Steel Angles, Reinforced Coupler& Bar	Bend test	IS 1599
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plates, Chequered Plates, Dowel Bars, Hollow Section, High strength Steel Bar, Steel tubes, GI Pipes, Steel Beam, Steel Column, Steel Channel, Steel Angles, Reinforced Coupler& Bar	Ultimate Tensile Strength	IS 1608 Part 1
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plates, Chequered Plates, Dowel Bars, Hollow Section, High strength Steel Bar, Steel tubes, GI Pipes, Steel Beam, Steel Column, Steel Channel, Steel Angles, Reinforced Coupler& Bar	Elongation	IS 1608 Part 1

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331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plates, Chequered Plates, Dowel Bars, Prestressing Steel, Hollow Section, High strength Steel Bar, Steel tubes, GI Pipes, Steel Beam, Steel Column, Steel Channel, Steel Angles,	Yield Stress	IS 1608 Part 1
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes & Pipe	Flattening Test	IS 2328
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	Average diameter of surrounding wires	IS 14268
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	Breaking Strength	IS 1608 Part 1
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	Diameter of the center wire	IS 14268
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	Difference in Diameter of center wire & surrounding wire	IS 14268
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	Dimension (Lay length)	IS 14268
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	Dimension (Nominal area)	IS 14268
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	Dimension (Nominal diameter)	IS 14268
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	NOMINAL MASS PER UNIT LENGTH	IS 14268
341	MECHANICAL- SOIL AND ROCK	Bentonite	liquid limit test	IS 2720 Part 5
342	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture Content test	IS 6186
343	MECHANICAL- SOIL AND ROCK	Bentonite	Plastic Limit test	IS 2720 Part 5
344	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content Test	IS 6186
345	MECHANICAL- SOIL AND ROCK	Bentonite	Swelling Power test	IS 6186

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346	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	California Bearing Ratio	IS 2720 Part 16
347	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Heavy Compaction OMC	IS 2720 Part 7
348	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Heavy Compaction-MDD	IS 2720 Part 8
349	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Light Compaction MDD	IS 2720 Part 7
350	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Light Compaction OMC	IS 2720 Part 7
351	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Liquid Limit	IS 2720 Part 5
352	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Plastic Limit	IS 2720 Part 5
353	MECHANICAL- SOIL AND ROCK	Natural Building stone	Porosity	IS 1124
354	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Scratch Hardness	IS 13630 Part 13
355	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Specific Gravity	IS 1124
356	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Water Absorption	IS 1124
357	MECHANICAL- SOIL AND ROCK	Rock	Dry Density	IS 13030
358	MECHANICAL- SOIL AND ROCK	Rock	Saturated Specific Gravity	IS 13030
359	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength (UCS)	IS 9143
360	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS 13030
361	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
362	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 Part 16
363	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 Part 40
364	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction -MDD	IS 2720 Part 8

SCOPE OF ACCREDITATION

Laboratory Name : STTAR TECHNOLOGIES, B-6, PLOT NO 6,G-20 TO 24, PLATINUM SPRINGS,TALOJA MIDC, TAL PANVEL, NAVI MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
365	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction -OMC	IS 2720 : Part 7
366	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 Part 5
367	MECHANICAL- SOIL AND ROCK	Soil	Moisture content	IS 2720 Part 2
368	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 Part 5
369	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Dry analysis)	IS 2720 Part 4
370	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction -OMC	IS 2720 Part 8
371	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction -MDD	IS 2720 : Part 7
372	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Moisture Content	IS 1734 Part 1
373	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Density	IS 1734 Part 1
374	MECHANICAL- WOOD AND WOOD PRODUCTS	Shutter Door	Dimension - Length	IS 4020 part 2
375	MECHANICAL- WOOD AND WOOD PRODUCTS	Shutter Door	Dimension - Thickness	IS 4020 Part 2
376	MECHANICAL- WOOD AND WOOD PRODUCTS	Shutter Door	Dimension - Width	IS 4020 Part 2
377	MECHANICAL- WOOD AND WOOD PRODUCTS	Shutter Door	End Immersion Test	IS 4020 Part 13
378	MECHANICAL- WOOD AND WOOD PRODUCTS	Shutter Door	Glue Adhesion Test	IS 4020 Part 15
379	MECHANICAL- WOOD AND WOOD PRODUCTS	Shutter Door	Impact Indentation	IS 4020 Part 5
380	MECHANICAL- WOOD AND WOOD PRODUCTS	Shutter Door	Knife Test	IS 4020 Part 14
381	MECHANICAL- WOOD AND WOOD PRODUCTS	Shutter Door	Moisture Content	IS 1708 Part 1
382	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood (Timber)	Moisture	IS 1708 Part-1
383	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood (Timber)	Specific Gravity	IS 1708 Part 2

SCOPE OF ACCREDITATION

Laboratory Name :	STTAR TECHNOLOGIES, B-6, PLOT NO 6,G-20 TO 24, PLATINUM SPRINGS,TALOJA MIDC, TAL PANVEL, NAVI MUMBAI, MAHARASHTRA, INDIA		
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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
384	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Carbonation Depth Test	BS EN 14630
385	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Carbonation Depth Test	IS 516 Part 5:Sec 3

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : STTAR TECHNOLOGIES, B-6, PLOT NO 6,G-20 TO 24, PLATINUM SPRINGS,TALOJA MIDC, TAL PANVEL, NAVI MUMBAI, MAHARASHTRA, INDIA

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Validity 28/12/2022 to 27/12/2024 **Last Amended on** 27/04/2023

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
Site Facility				
1	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Dry Density by Sand Replacement method	IS 2720 Part 28
2	MECHANICAL- SOIL AND ROCK	Soil	Field determination of California Bearing Ratio	IS 2720 : Part 31
3	MECHANICAL- SOIL AND ROCK	Soil – at Field	Dry Density by Sand Replacement method	IS 2720 Part 28
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Cover Depth	BS 1881 Part 204
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Crack depth Measurement by Ultrasonic Pulse Velocity Test	IS 516 Part 5: Sec 1
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound Hammer Test	IS 13311 Part 2
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Ultrasonic Pulse Velocity test	IS 516 : Part 5 : Sec 1
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Rebound Hammer Test	IS 516 Part 5:Sec 4
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half Cell Potential	ASTM C-876
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half-Cell Potentiometer Test	IS 516 Part 5:Sec 2