National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHREE GOBIND DAMODAR LABORATORY PRIVATE LIMITED, WARD NO. 56, SADAR, KARMALICHAK, PATNA, BIHAR, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride Ion Content	IS 6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Bentonite	pH	IS 6186
7	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Alkali Content (K2O)	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Alkali Content (Na2O)	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Calcium Oxide	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Insoluble Residue	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Iron Oxide	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Los on Ignition	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Magnesium Oxide	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Silica	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Sulphuric Anhydride	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Total Chloride Content	IS 4032
17	CHEMICAL- BUILDING MATERIAL	Fly ash	Alkali Content (K2O)	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Fly ash	Alkali Content (Na2O)	IS 4032

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19	CHEMICAL- BUILDING MATERIAL	Fly ash	Calcium Oxide	IS 1727
20	CHEMICAL- BUILDING MATERIAL	Fly ash	Iron Oxide	IS 1727
21	CHEMICAL- BUILDING MATERIAL	Fly ash	Los on Ignition	IS 1727
22	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesium Oxide	IS 1727
23	CHEMICAL- BUILDING MATERIAL	Fly ash	Moisture Content	IS 3812 (Part 1)
24	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica	IS 1727
25	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphuric Anhydride	IS 1727
26	CHEMICAL- BUILDING MATERIAL	Fly ash	Total Chloride Content	IS 12423/ IS 4032
27	CHEMICAL- BUILDING MATERIAL	Micro Silica	Alkali Content	IS 4032
28	CHEMICAL- BUILDING MATERIAL	Micro Silica	Los on Ignition	IS 15388
29	CHEMICAL- BUILDING MATERIAL	Micro Silica	Silica	IS 1727
30	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Plain Carbon Steel, Stainless Steel	Carbon	IS 228 (Part 1)
31	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Plain Carbon Steel, Stainless Steel	Manganese	IS 228 (Part 2)
32	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Plain Carbon Steel, Stainless Steel	Phosphorus	IS 228 (Part 3)
33	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Plain Carbon Steel, Stainless Steel	Silicon	IS 228 (Part 8)
34	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Plain Carbon Steel, Stainless Steel	Sulphur	IS 228 (Part 9)
35	CHEMICAL- WATER	Construction Water	Acidity	IS 3025 (Part 22)
36	CHEMICAL- WATER	Construction Water	Alkalinity	IS 3025 (Part 23)
37	CHEMICAL- WATER	Construction Water	Chloride	IS 3025 (Part 32)
38	CHEMICAL- WATER	Construction Water	Inorganic Material	IS 3025 (Part 18)
39	CHEMICAL- WATER	Construction Water	Organic Material	IS 3025 (Part 18)

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40	CHEMICAL- WATER	Construction Water	pH	IS 3025 (Part 11)
41	CHEMICAL- WATER	Construction Water	Sulphate	IS 3025 (Part 24)
42	CHEMICAL- WATER	Construction Water	Total Dissolved Solid	IS 3025 (Part 16)
43	CHEMICAL- WATER	Construction Water	Total Suspended Solid	IS 3025 (Part 17)
44	CHEMICAL- WATER	Drinking Water/ Packaged Drinking Water	Chloride	IS 3025 (Part 32)
45	CHEMICAL- WATER	Drinking Water/ Packaged Drinking Water	Iron	IS 3025 (Part 53)
46	CHEMICAL- WATER	Drinking Water/ Packaged Drinking Water	Odour	IS 3025 (Part 5)
47	CHEMICAL- WATER	Drinking Water/ Packaged Drinking Water	pH	IS 3025 (Part 11)
48	CHEMICAL- WATER	Drinking Water/ Packaged Drinking Water	Sulphate	IS 3025 (Part 24)
49	CHEMICAL- WATER	Drinking Water/ Packaged Drinking Water	Taste	IS 3025 (Part 7 & 8)
50	CHEMICAL- WATER	Drinking Water/ Packaged Drinking Water	Total Alkalinity	IS 3025 (Part 23)
51	CHEMICAL- WATER	Drinking Water/ Packaged Drinking Water	Total Hardness	IS 3025 (Part 21)
52	CHEMICAL- WATER	Drinking Water/Packaged Drinking Water	Total Dissolved Solid	IS 3025 (Part 16)
53	MECHANICAL- BUILDINGS MATERIALS	Aggregate/ Natural Stone	Petrography	IS 2386 (Part 8, Method 1)
54	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen/ CRMB/ PMB/ NRMB/ Emulsion/ Bituminous Mix/ Mastic Asphalt/ Seal Coat	Bituminous Core Density	ASTM D2041
55	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen/ CRMB/ PMB/ NRMB/ Emulsion/ Bituminous Mix/ Mastic Asphalt/ Seal Coat	Effect Heat and Air by Thin Film Oven Test	IS 9382
56	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen/ CRMB/ PMB/ NRMB/ Emulsion/ Bituminous Mix/ Mastic Asphalt/ Seal Coat	Marshal Stability	ASTM D6927
57	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen/ CRMB/ PMB/ NRMB/ Emulsion/ Bituminous Mix/ Mastic Asphalt/ Seal Coat	Specific Gravity of Bitumen	IS 1202
58	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen/ CRMB/ PMB/ NRMB/ Emulsion/ Bituminous Mix/ Mastic Asphalt/ Seal Coat	Stripping Value	IS 6241
59	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Bitumen Content	IRC SP-11
60	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Dimension (L*B*H)	IS 1077
61	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick/ Flyash Brick/ Lime Brick	Compressive Strength	IS 3495 (Part 1)
62	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick/ Flyash Brick/ Lime Brick	Efflorescence	IS 3495 (Part 3)
63	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick/ Flyash Brick/ Lime Brick	Water Absorption	IS 3495 (Part 2)

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64	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC/ OPC/ PSC)	Compressive Strength (3, 7, 28 Days)	IS 4031 (Part 6)
65	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC/ OPC/ PSC)	Density	IS 4031 (Part 11)
66	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC/ OPC/ PSC)	Fineness by Blaine Air Permeability	IS 4031 (Part 2)
67	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC/ OPC/ PSC)	Setting Time (Final)	IS 4031 (Part 5)
68	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC/ OPC/ PSC)	Setting Time (Initial)	IS 4031 (Part 5)
69	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC/ OPC/ PSC)	Soundness by Autoclave	IS 4031 (Part 3)
70	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC/ OPC/ PSC)	Soundness by Le-chatelier	IS 4031 (Part 3)
71	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC/ OPC/ PSC)	Standard Consistency	IS 4031 (Part 4)
72	MECHANICAL- BUILDINGS MATERIALS	Ceramic/ Glazed/ Unglazed/ Vitrified/ Chequer Tiles	Breaking Strength	IS 13630 (Part 6)
73	MECHANICAL- BUILDINGS MATERIALS	Ceramic/ Glazed/ Unglazed/ Vitrified/ Chequer Tiles	Crazing Rsistance	IS 13630 (Part 9)
74	MECHANICAL- BUILDINGS MATERIALS	Ceramic/ Glazed/ Unglazed/ Vitrified/ Chequer Tiles	Dimension (Length*Width*Thickness)	IS 13630 (Part 1)
75	MECHANICAL- BUILDINGS MATERIALS	Ceramic/ Glazed/ Unglazed/ Vitrified/ Chequer Tiles	Modulus of Rupture	IS 13630 (Part 6)
76	MECHANICAL- BUILDINGS MATERIALS	Ceramic/ Glazed/ Unglazed/ Vitrified/ Chequer Tiles	Resistance to Acid/ Alkali	IS 13630 (Part 8)
77	MECHANICAL- BUILDINGS MATERIALS	Ceramic/ Glazed/ Unglazed/ Vitrified/ Chequer Tiles	Resistance to Household Chemical	IS 13630 (Part 8)
78	MECHANICAL- BUILDINGS MATERIALS	Ceramic/ Glazed/ Unglazed/ Vitrified/ Chequer Tiles	Resistance to Staining	IS 13630 (Part 8)
79	MECHANICAL- BUILDINGS MATERIALS	Ceramic/ Glazed/ Unglazed/ Vitrified/ Chequer Tiles	Scratch Hardness	IS 13630 (Part 13)
80	MECHANICAL- BUILDINGS MATERIALS	Ceramic/ Glazed/ Unglazed/ Vitrified/ Chequer Tiles	Water Absorption	IS 13630 (Part 2)
81	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/ GSB/ WMM/ Blanket/ WBM	Aggregate Impact Value	IS 2386 (Part 4)
82	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/ GSB/ WMM/ Blanket/ WBM	Bulk Density	IS 2386 (Part 3)

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83	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/ GSB/ WMM/ Blanket/ WBM	Clay Lump	IS 2386 (Part 2)
84	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/ GSB/ WMM/ Blanket/ WBM	Coal & Lignite	IS 2386 (Part 2)
85	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/ GSB/ WMM/ Blanket/ WBM	Crushing Value	IS 2386 (Part 4)
86	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/ GSB/ WMM/ Blanket/ WBM	Elongation Index	IS 2386 (Part 1)
87	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/ GSB/ WMM/ Blanket/ WBM	Flakiness Index	IS 2386 (Part 1)
88	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/ GSB/ WMM/ Blanket/ WBM	Los Angeles Abrasion Value	IS 2386 (Part 4)
89	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/ GSB/ WMM/ Blanket/ WBM	Material Finer than 75 Micron	IS 2386 (Part 1)
90	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/ GSB/ WMM/ Blanket/ WBM	Sieve Analysis (Sieve Size: 80, 63, 50, 40, 25, 20, 12.5, 10, 4.75, 2.36 mm)	IS 2386 (Part 1)
91	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/ GSB/ WMM/ Blanket/ WBM	Soundness by Na2SO4 & MgSO4	IS 2386 (Part 5)
92	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/ GSB/ WMM/ Blanket/ WBM	Specific Gravity	IS 2386 (Part 3)
93	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/ GSB/ WMM/ Blanket/ WBM	Ten Percent Fines Value	IS 2386 (Part 4)
94	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/ GSB/ WMM/ Blanket/ WBM	Water Absorption	IS 2386 (Part 3)
95	MECHANICAL- BUILDINGS MATERIALS	Concrete Beam	Flexural Strength	IS 516 (Part 1, Section 1)
96	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 (Part 4)
97	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516 (Part 1, Section 1)
98	MECHANICAL- BUILDINGS MATERIALS	Concrete Reinforcement	Nominal Mass	IS 1786
99	MECHANICAL- BUILDINGS MATERIALS	Concrete Reinforcement	Re-bend Test	IS 1786
100	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Coagulation of Emulsion	IS 8887

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101	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Coating Ability and Resistance	IS 8887
102	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Miscibility with Water	IS 8887
103	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Residue by Evaporation	IS 8887
104	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Residue on 600 Micron IS Sieve	IS 8887
105	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Stability to the Mixing with Cement	IS 8887
106	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Storage Stability after 24 Hours	IS 8887
107	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Viscosity by Say bolt Fural	IS 3117
108	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
109	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of Sand	IS 2386 (Part 3)
110	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Clay Lump	IS 2386 (Part 2)
111	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Coal & Lignite	IS 2386 (Part 2)
112	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 Micron	IS 2386 (Part 1)
113	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS 2386 (Part 2)
114	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (Sieve Size: 10, 4.75, 2.36, 1.18, 0.6, 0.3, 0.15, 0.075 mm)	IS 2386 (Part 1)
115	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content	CPWD Specification
116	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Na2 So4 & MgSO4	IS 2386 (Part 5)
117	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
118	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)

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119	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by Blaine Air Permeability	IS 1727
120	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Soundness by Autoclave	IS 1727
121	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific Gravity	IS 1727
122	MECHANICAL- BUILDINGS MATERIALS	Fly ash/ Micro Silica	Compressive Strength	IS 1727
123	MECHANICAL- BUILDINGS MATERIALS	Fly ash/ Micro Silica	Retained on 45 Micron (Wet Sieving)	IS 1727
124	MECHANICAL- BUILDINGS MATERIALS	Lime Brick	Dimension (L*B*H)	IS 12894
125	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Abrasion Resistance	IS 15658
126	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
127	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension/ Thickness	IS 15658
128	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Flexural Strength	IS 15658
129	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
130	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Bitumen Penetration	IS 1203
131	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Ductility	IS 1208
132	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Flash Point	IS 1209
133	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Softening Point	IS 1205
134	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Viscosity (Absolute at 60 °C)	IS 1206 (Part 2)
135	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Viscosity (Kinematic at 135 °C)	IS 1206 (Part 3)
136	MECHANICAL- BUILDINGS MATERIALS	Rock/ Natural Stone/ Marble/ Granite	Compressive Strength	IS 1121 (Part 1)
137	MECHANICAL- BUILDINGS MATERIALS	Rock/ Natural Stone/ Marble/ Granite	Moisture/ Water Absorption	IS 1124

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138	MECHANICAL- BUILDINGS MATERIALS	Rock/ Natural Stone/ Marble/ Granite	Scratch Hardness	IS 13630 (Part 13)
139	MECHANICAL- BUILDINGS MATERIALS	Rock/ Natural Stone/ Marble/ Granite	Specific Gravity	IS 1122
140	MECHANICAL- BUILDINGS MATERIALS	Seven Wire (Ply) Strand for Pre-stressed Concrete	0.2 % Proof Load	IS 1608 (Part 1)
141	MECHANICAL- BUILDINGS MATERIALS	Seven Wire (Ply) Strand for Pre-stressed Concrete	Breaking Load	IS 14268
142	MECHANICAL- BUILDINGS MATERIALS	Seven Wire (Ply) Strand for Pre-stressed Concrete	Elongation	IS 14268
143	MECHANICAL- BUILDINGS MATERIALS	Seven Wire (Ply) Strand for Pre-stressed Concrete	Nominal Mass	IS 14268
144	MECHANICAL- BUILDINGS MATERIALS	Structural Steel/ Concrete Reinforcement	Percentage of Elongation	IS 1608 (Part 1)
145	MECHANICAL- BUILDINGS MATERIALS	Structural Steel/ Concrete Reinforcement	Yield Stress	IS 1608 (Part 1)
146	MECHANICAL- BUILDINGS MATERIALS	Structural Steel/ Concrete Reinforcement Bar/ Coupler	Tensile Strength	IS 1608 (Part 1)
147	MECHANICAL- BUILDINGS MATERIALS	Structural Steel/ TMT Bar	Bend Test	IS 1599
148	MECHANICAL- BUILDINGS MATERIALS	Wood/ Timber	Density	IS 1708 (Part 2)
149	MECHANICAL- BUILDINGS MATERIALS	Wood/ Timber	Moisture Content	IS 1708 (Part 1)
150	MECHANICAL- SOIL AND ROCK	Bentonite	Dry Fineness by 75 micron IS Sieve	IS 6186
151	MECHANICAL- SOIL AND ROCK	Bentonite	Liquid Limit	IS 2720 (Part 5)
152	MECHANICAL- SOIL AND ROCK	Bentonite	Marsh Cone Viscosity	ASTM D6910
153	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture Content	IS 6186
154	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content	IS 6186
155	MECHANICAL- SOIL AND ROCK	Bentonite	Swelling Power	IS 6186
156	MECHANICAL- SOIL AND ROCK	Soil/ GSB/ WMM/ Morrum	Plasticity Index	IS 2720 (Part 5)

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157	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	CBR	IS 2720 (Part 16)
158	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Consolidation Test	IS 2720 (Part 15)
159	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Direct Shear Test (Cohesion & Angle)	IS 2720 (Part 13)
160	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Dry Shrinkage	IS 2720 (Part 6)
161	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Free Swell Index	IS 2720 (Part 40)
162	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Grain Size Analysis with Hydrometer Analysis	IS 2720 (Part 4)
163	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Liquid Limit	IS 2720 (Part 5)
164	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Moisture Content	IS 2720 (Part 2)
165	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Permeability Test (Constant & Falling Head)	IS 2720 (Part 17)
166	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Plastic Limit	IS 2720 (Part 5)
167	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Proctor (Heavy Compaction) - MDD	IS 2720 (Part 8)
168	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Proctor (Heavy Compaction) - OMC	IS 2720 (Part 8)
169	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Proctor (Light Compaction) - MDD	IS 2720 (Part 7)
170	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Proctor (Light Compaction) - OMC	IS 2720 (Part 7)
171	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Sand Equivalent	IS 2720 (Part 37)
172	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Specific Gravity	IS 2720 (Part 3)
173	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Swelling Pressure	IS 2720 (Part 41)
174	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Triaxial Shear Test	IS 2720 (Part 11)

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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
Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Density by Core-Cutter Method	IS 2720 (Part 29)
2	MECHANICAL- SOIL AND ROCK	Soil/ Rock/ Blanket/ GSB/ WMM/ Sand/ Morrum	Density by Sand Replacement Method	IS 2720 (Part 28)
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Rebound Hammer Test	IS 516 (Part 5, Section 4)
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Ultrasonic Pulse Velocity	IS 516 (Part 5, Section 1)
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile	Pile integrity	ASTM D5882