National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : STEDRANT TECHNOCLINIC PRIVATE LIMITED, SHED NO. F-3/A, ROAD NO.10, IDA NACHARAM, HYDERABAD, TELANGANA, 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 9013
2	CHEMICAL- BUILDING MATERIAL	ADMIXTURE	Chloride Content	IS 6925
3	CHEMICAL- BUILDING MATERIAL	ADMIXTURE	Dry Material Content	IS 9013
4	CHEMICAL- BUILDING MATERIAL	ADMIXTURE	pH	IS 9103
5	CHEMICAL- BUILDING MATERIAL	ADMIXTURE	Relative Density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Coarse & Fine	Alkali Aggregate Reactivity - Dissolved Silica	IS 2386 (Part-7)
7	CHEMICAL- BUILDING MATERIAL	Coarse & Fine	Alkali Aggregate Reactivity - Reduction in Alkalinity	IS 2386 (Part-7)
8	CHEMICAL- BUILDING MATERIAL	Coarse & Fine	Chloride	EN 1744-1
9	CHEMICAL- BUILDING MATERIAL	Coarse & Fine	Organic Impurities	IS 2386 (Part-2)
10	CHEMICAL- BUILDING MATERIAL	Coarse & Fine	Soundness	IS 2386 (Part-5)
11	CHEMICAL- BUILDING MATERIAL	Coarse & Fine	Sulphate	EN 1744-1
12	CHEMICAL- BUILDING MATERIAL	Fly Ash	Available Alkalies - Potassium Oxide (K2O)	IS 3812 (Part-1)
13	CHEMICAL- BUILDING MATERIAL	Fly Ash	Available Alkalies - Sodium Oxide (Na2O)	IS 3812 (Part-1)
14	CHEMICAL- BUILDING MATERIAL	Fly Ash	CaO Content	IS 1727
15	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chloride	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Fly Ash	Iron Oxide	IS 1727
17	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss on Ignition	IS 1727
18	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesia (MgO)	IS 1727

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19	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica Content (SiO2)	IS 1727
20	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silicon dioxide + Aluminum Oxide + Ferric Oxide	IS 1727
21	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphuric Anhydride (SO3)	IS 1727
22	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace	Alumina (Al2O3)	IS 4032
23	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Insoluble Residue	IS 4032
24	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Iron Oxide (Fe2O3)	IS 4032
25	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Lime (CaO)	IS 4032
26	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Magnesia (MgO)	IS 4032
27	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Manganese Oxide	IS 4032
28	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Silica Content (SiO2)	IS 4032
29	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Sulphide Sulphur	IS 4032
30	CHEMICAL- BUILDING MATERIAL	HARDENED CONCRETE / MORTAR	Chloride	IS 14959 (Part-2)
31	CHEMICAL- BUILDING MATERIAL	HARDENED CONCRETE / MORTAR	pH	IS 2720 (Part-26)
32	CHEMICAL- BUILDING MATERIAL	HARDENED CONCRETE / MORTAR	Sulphates	BS: 1881 (Part-124)
33	CHEMICAL- BUILDING MATERIAL	OPC 33, 43 & 53 Grade	Alkalies - Sodium Oxide(Na2O)	IS 4032
34	CHEMICAL- BUILDING MATERIAL	OPC 33, 43 & 53 Grade	Alkalis - Potassium Oxide(K2O)	IS 4032
35	CHEMICAL- BUILDING MATERIAL	OPC 33, 43 & 53 Grade	Aluminum Oxide	IS 4032
36	CHEMICAL- BUILDING MATERIAL	OPC 33, 43 & 53 Grade	Calcium oxide Content	IS 4032
37	CHEMICAL- BUILDING MATERIAL	OPC 33, 43 & 53 Grade	Chloride	IS 4032

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38	CHEMICAL- BUILDING MATERIAL	OPC 33, 43 & 53 Grade	Ferric Oxide	IS 4032
39	CHEMICAL- BUILDING MATERIAL	OPC 33, 43 & 53 Grade	Insoluble Residue	IS 4032
40	CHEMICAL- BUILDING MATERIAL	OPC 33, 43 & 53 Grade	Loss on Ignition	IS 4032
41	CHEMICAL- BUILDING MATERIAL	OPC 33, 43 & 53 Grade	Magnesia (MgO)	IS 4032
42	CHEMICAL- BUILDING MATERIAL	OPC 33, 43 & 53 Grade	Silica Content as Si02	IS 4032
43	CHEMICAL- BUILDING MATERIAL	OPC 33, 43 & 53 Grade	Sulphuric Anhydride (SO3)	IS 4032
44	CHEMICAL- BUILDING MATERIAL	PPC	Chloride	IS 4032
45	CHEMICAL- BUILDING MATERIAL	PPC	Insoluble Residue	IS 4032
46	CHEMICAL- BUILDING MATERIAL	PPC	Loss on Ignition	IS 4032
47	CHEMICAL- BUILDING MATERIAL	PPC	Magnesia (MgO)	IS 4032
48	CHEMICAL- BUILDING MATERIAL	PPC	Sulphuric Anhydride (SO3)	IS 4032
49	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Aluminium	IS 8811
50	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Carbon	IS 8811
51	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Chromium	IS 8811
52	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Copper	IS 8811
53	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Manganese	IS 8811
54	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Molybdenum	IS 8811
55	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Nickel	IS 8811
56	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Phosphorus	IS 8811

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57	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Silicon	IS 8811
58	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Sulphur	IS 8811
59	CHEMICAL- WATER	Water for construction purpose	Chloride Content as CL	IS 3025 (Part-32)
60	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids(Fixed Residue)	IS 3025 (Part-18)
61	CHEMICAL- WATER	Water for construction purpose	Organic Solids (Volatile Residue)	IS 3025 (Part-18)
62	CHEMICAL- WATER	Water for construction purpose	pH	IS 3025 (Part-11)
63	CHEMICAL- WATER	Water for construction purpose	Sulphate content as SO3	IS 3025 (Part-24)
64	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solids	IS 3025 (Part-17)
65	CHEMICAL- WATER	Water for construction purpose	Volume of 0.02N H2SO4 to neutralize 100ml of sample (Alkalinity)	IS 3025 (Part-23)
66	CHEMICAL- WATER	Water for construction purpose	Volume of 0.02N NaOH to neutralize 100 ml of sample (Acidity)	IS 3025 (Part-22)
67	MECHANICAL- BUILDINGS MATERIALS	AUTOCLAVED AREATED CONCRETE BLOCKS	BLOCK DENSITY	IS 6441 (PART 1)
68	MECHANICAL- BUILDINGS MATERIALS	AUTOCLAVED AREATED CONCRETE BLOCKS	COMPRESSIVE STRENGTH	IS 6441 (PART 5)
69	MECHANICAL- BUILDINGS MATERIALS	BITUMEN EMULSION	COAGULATION OF EMULSION	IS 8887
70	MECHANICAL- BUILDINGS MATERIALS	BITUMEN EMULSION	MISCIBILITY WITH WATER	IS 8887
71	MECHANICAL- BUILDINGS MATERIALS	BITUMEN EMULSION	RESIDUE BY EVAPORATION	IS 8887
72	MECHANICAL- BUILDINGS MATERIALS	BITUMEN EMULSION	RESIDUE ON 600 MICRONS	IS 8887
73	MECHANICAL- BUILDINGS MATERIALS	BITUMINOUS MIX	BINDER CONTENT	ASTM D 2172/ D2172M
74	MECHANICAL- BUILDINGS MATERIALS	BITUMINOUS MIX	DENSITY	ASTM D 2726
75	MECHANICAL- BUILDINGS MATERIALS	BITUMINOUS MIX	MARSHAL STABILITY	ASTM D 6927
76	MECHANICAL- BUILDINGS MATERIALS	BRICKS	COMPRESSIVE STRENGTH	IS 3495 (PART 1)

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77	MECHANICAL- BUILDINGS MATERIALS	BRICKS	EFFLORESCENCE	IS 3495 (PART 3)
78	MECHANICAL- BUILDINGS MATERIALS	BRICKS	WATER ABSORPTION	IS 3495 (PART 2)
79	MECHANICAL- BUILDINGS MATERIALS	BURNT CLAY HOLLOW BRICKS AND BLOCKS	COMPRESSIVE STRENGTH	IS 3952 (ANNEXURE A)
80	MECHANICAL- BUILDINGS MATERIALS	BURNT CLAY HOLLOW BRICKS AND BLOCKS	WATER ABSORPTION	IS 3952 (ANNEXURE B)
81	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	10 % FINE'S VALUE	IS 2386 (PART 4)
82	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	BULK DENSITY (LOOSE)	IS 2386 (PART 3)
83	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	BULK DENSITY (RODDED)	IS 2386 (PART 3)
84	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	CRUSHING VALUE	IS 2386 (PART 4)
85	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	ELONGATION INDEX	IS 2386 (PART 1)
86	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	FLAKINESS INDEX	IS 2386 (PART 1)
87	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	IMPACT VALUE	IS 2386 (PART 4)
88	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	LOS ANGELES ABRASION VALUE	IS 2386 (PART 4)
89	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	MATERIAL FINER THAN 75 MICRONS	IS 2386 (PART 1)
90	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	SIEVE ANALYSIS	IS 2386 (PART 1)
91	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	SPECIFIC GRAVITY	IS 2386 (PART 3)
92	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	WATER ABSORPTION	IS 2386 (PART 3)
93	MECHANICAL- BUILDINGS MATERIALS	CONCRETE BEAMS	FLEXURAL STRENGTH	IS 516 (Part 1/ Sec. 1)
94	MECHANICAL- BUILDINGS MATERIALS	CONCRETE CORES	COMPRESSIVE STRENGTH	IS 516 (PART 4)
95	MECHANICAL- BUILDINGS MATERIALS	CONCRETE CUBES	COMPRESSIVE STRENGTH	IS 516 (Part 1/ Sec. 1)

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96	MECHANICAL- BUILDINGS MATERIALS	CONCRETE CYLINDERS	MODULUS OF ELASTICITY	IS 516
97	MECHANICAL- BUILDINGS MATERIALS	CONCRETE CYLINDERS	SPLITTING TENSILE STRENGTH	IS 516 (Part 1/ Sec. 1)
98	MECHANICAL- BUILDINGS MATERIALS	CONCRETE MIX	CONSISTENCY	IS 1199 PART 2
99	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	BULK DENSITY (LOOSE)	IS 2386 (PART 3)
100	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	BULK DENSITY (RODDED)	IS 2386 (PART 3)
101	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	BULKING	IS 2386 (PART 3)
102	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	MATERIAL FINER THAN 75 MICRONS	IS 2386 (PART 1)
103	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	SIEVE ANALYSIS	IS 2386 (PART 1)
104	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	SPECIFIC GRAVITY	IS 2386 (PART 3)
105	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	WATER ABSORPTION	IS 2386 (PART 3)
106	MECHANICAL- BUILDINGS MATERIALS	HOLLOW / SOLID CONCRETE BLOCKS	BLOCK DENSITY	IS 2185 (PART 1) Annexure E
107	MECHANICAL- BUILDINGS MATERIALS	HOLLOW / SOLID CONCRETE BLOCKS	COMPRESSIVE STRENGTH	IS 2185 (PART 1) Annexure D
108	MECHANICAL- BUILDINGS MATERIALS	HOLLOW / SOLID CONCRETE BLOCKS	DIMENSIONAL ANALYSIS	IS 2185 (PART 1) Annexure B
109	MECHANICAL- BUILDINGS MATERIALS	HOLLOW / SOLID CONCRETE BLOCKS	WATER ABSORPTION	IS 2185 (PART 1)
110	MECHANICAL- BUILDINGS MATERIALS	HYDRAULIC CEMENT	COMPRESSIVE STRENGTH	IS 4031 (PART 6)
111	MECHANICAL- BUILDINGS MATERIALS	HYDRAULIC CEMENT	CONSISTENCY	IS 4031 (PART 4)
112	MECHANICAL- BUILDINGS MATERIALS	HYDRAULIC CEMENT	DENSITY	IS 4031 (PART 11)
113	MECHANICAL- BUILDINGS MATERIALS	HYDRAULIC CEMENT	FINAL SETTING TIME	IS 4031 (PART 5)
114	MECHANICAL- BUILDINGS MATERIALS	HYDRAULIC CEMENT	FINENESS (BLAINE'S METHOD)	IS 4031 (PART 2)

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115	MECHANICAL- BUILDINGS MATERIALS	HYDRAULIC CEMENT	INITIAL SETTING TIME	IS 4031 (PART 5)
116	MECHANICAL- BUILDINGS MATERIALS	HYDRAULIC CEMENT	SOUNDNESS (By Autoclave method)	IS 4031 (PART 3)
117	MECHANICAL- BUILDINGS MATERIALS	HYDRAULIC CEMENT	SOUNDNESS (By Le-Chatelier method)	IS 4031 (PART 3)
118	MECHANICAL- BUILDINGS MATERIALS	PAVER BLOCKS	COMPRESSIVE STRENGTH	IS 15658
119	MECHANICAL- BUILDINGS MATERIALS	PAVER BLOCKS	WATER ABSORPTION	IS 15658
120	MECHANICAL- BUILDINGS MATERIALS	POZZOLANA-FLY ASH, SILICA FUME, GGBS, ALCCOFINE	SPECIFIC GRAVITY	IS 1727
121	MECHANICAL- BUILDINGS MATERIALS	POZZOLANA-FLYASH, GGBS	FINENESS (BLAINE'S METHOD)	IS 1727
122	MECHANICAL- BUILDINGS MATERIALS	POZZOLANA-FLYASH, SILICA FUME, ALCCOFINE, GGBS	RESIDUE ON 45 MICRON SIEVE	IS 1727
123	MECHANICAL- BUILDINGS MATERIALS	SELF COMPACTING CONCRETE MIX	FLOW TEST	IS 1199 PART 6
124	MECHANICAL- BUILDINGS MATERIALS	SELF COMPACTING CONCRETE MIX	V FUNNEL	IS 1199 PART 6
125	MECHANICAL- BUILDINGS MATERIALS	VISCOSITY GRADE BITUMEN, CRUMB RUBBER MODIFIED BITUMEN, POLYMER MODIFIED BITUMEN, NATURAL RUBBER MODIFIED BITUMEN	KINEMATIC VISCOSITY @ 135°C and 150 °C	IS 1206 (Part 3)
126	MECHANICAL- BUILDINGS MATERIALS	VISCOSITY GRADE BITUMEN, CRUMB RUBBER MODIFIED BITUMEN, POLYMER MODIFIED BITUMEN, NATURAL RUBBER MODIFIED BITUMEN	LOSS ON HEATING	IS 1212
127	MECHANICAL- BUILDINGS MATERIALS	VISCOSITY GRADE BITUMEN, CRUMB RUBBER MODIFIED BITUMEN, POLYMER MODIFIED BITUMEN, NATURAL RUBBER MODIFIED BITUMEN	Specific Gravity	IS 1202
128	MECHANICAL- BUILDINGS MATERIALS	VISCOSITY GRADE BITUMEN, CRUMB RUBBER MODIFIED BITUMEN, POLYMER MODIFIED BITUMEN, NATURAL RUBBER MODIFIED BITUMEN	ABSOLUTE VISCOSITY @ 60°C	IS 1206 (PART 2)
129	MECHANICAL- BUILDINGS MATERIALS	VISCOSITY GRADE BITUMEN, CRUMB RUBBER MODIFIED BITUMEN, POLYMER MODIFIED BITUMEN, NATURAL RUBBER MODIFIED BITUMEN	DUCTILITY	IS 1208
130	MECHANICAL- BUILDINGS MATERIALS	VISCOSITY GRADE BITUMEN, CRUMB RUBBER MODIFIED BITUMEN, POLYMER MODIFIED BITUMEN, NATURAL RUBBER MODIFIED BITUMEN	ELASTIC RECOVERY	IS 15462 ANNEX A

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131	MECHANICAL- BUILDINGS MATERIALS	VISCOSITY GRADE BITUMEN, CRUMB RUBBER MODIFIED BITUMEN, POLYMER MODIFIED BITUMEN, NATURAL RUBBER MODIFIED BITUMEN	FLASH POINT	IS 1209
132	MECHANICAL- BUILDINGS MATERIALS	VISCOSITY GRADE BITUMEN, CRUMB RUBBER MODIFIED BITUMEN, POLYMER MODIFIED BITUMEN, NATURAL RUBBER MODIFIED BITUMEN	MATTER SOLUBLE IN TCE	IS 1216
133	MECHANICAL- BUILDINGS MATERIALS	VISCOSITY GRADE BITUMEN, CRUMB RUBBER MODIFIED BITUMEN, POLYMER MODIFIED BITUMEN, NATURAL RUBBER MODIFIED BITUMEN	PENETRATION	IS 1203
134	MECHANICAL- BUILDINGS MATERIALS	VISCOSITY GRADE BITUMEN, CRUMB RUBBER MODIFIED BITUMEN, POLYMER MODIFIED BITUMEN, NATURAL RUBBER MODIFIED BITUMEN	SOFTENING POINT	IS 1205
135	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED STEEL BARS AND WIRES FOR CONCRETE REINFORCEMENT	0.2 % PROOF STRESS	IS 1608-Part I
136	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED STEEL BARS AND WIRES FOR CONCRETE REINFORCEMENT	BEND TEST	IS 1599
137	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED STEEL BARS AND WIRES FOR CONCRETE REINFORCEMENT	ELONGATION	IS 1608 - Part I
138	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED STEEL BARS AND WIRES FOR CONCRETE REINFORCEMENT	MASS / METER	IS 1786
139	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED STEEL BARS AND WIRES FOR CONCRETE REINFORCEMENT	RE-BEND TEST	IS 1786
140	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED STEEL BARS AND WIRES FOR CONCRETE REINFORCEMENT	TENSILE STRENGTH	IS 1608 - Part -1
141	MECHANICAL- MECHANICAL PROPERTIES OF METALS	STEEL TUBES	ELONGATION	IS 1608 (PART 1)
142	MECHANICAL- MECHANICAL PROPERTIES OF METALS	STEEL TUBES	MASS PER METER RUN	IS 1239 / IS 1161
143	MECHANICAL- MECHANICAL PROPERTIES OF METALS	STEEL TUBES	TENSILE STRENGTH	IS 1608 (PART 1)
144	MECHANICAL- MECHANICAL PROPERTIES OF METALS	STEEL TUBES	YIELD STRESS	IS 1608 (PART 1)

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145	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STRUCTURAL STEEL	BEND TEST	IS 1599
146	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STRUCTURAL STEEL	ELONGATION	IS 1608 - Part - I
147	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STRUCTURAL STEEL	TENSILE STRENGTH	IS 1608 - Part -I
148	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STRUCTURAL STEEL	WEIGHT / METER	IS 808
149	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STRUCTURAL STEEL	YIELD STRESS	IS 1608 - Part - I
150	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation 7-ply Strand for Prestressed concrete	0.2 % PROOF LOAD	is 14268
151	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation 7-ply Strand for Prestressed concrete	BREAKING LOAD	IS 14268
152	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation 7-ply Strand for Prestressed concrete	Elongation	is 14268
153	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation 7-ply Strand for Prestressed concrete	Lay Length	IS 14268
154	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation 7-ply Strand for Prestressed concrete	NOMINAL AREA	IS 14268
155	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation 7-ply Strand for Prestressed concrete	UNIT WEIGHT	IS 14268
156	MECHANICAL- SOIL AND ROCK	NATURAL BUILDING STONE	COMPRESSIVE STRENGTH	IS 1121 (PART 1)
157	MECHANICAL- SOIL AND ROCK	NATURAL BUILDING STONE	TRUE SPECIFIC GRAVITY	IS 1122
158	MECHANICAL- SOIL AND ROCK	NATURAL BUILDING STONE	WATER ABSORPTION	IS 1124
159	MECHANICAL- SOIL AND ROCK	ROCK	DENSITY	IS 13030

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160	MECHANICAL- SOIL AND ROCK	ROCK	UNCONFINED COMPRESSIVE STRENGTH	IS 9143
161	MECHANICAL- SOIL AND ROCK	ROCK	WATER CONTENT	IS 13030
162	MECHANICAL- SOIL AND ROCK	SOIL / GRANULAR SUB BASE / WET MIX MACADAM	FREE SWELL INDEX	IS 2720 (PART 40)
163	MECHANICAL- SOIL AND ROCK	SOIL / GRANULAR SUB BASE / WET MIX MACADAM	LIGHT COMPACTION (MDD)	IS 2720 (PART 7)
164	MECHANICAL- SOIL AND ROCK	SOIL / GRANULAR SUB BASE / WET MIX MACADAM	LIGHT COMPACTION (OMC)	IS 2720 (PART 7)
165	MECHANICAL- SOIL AND ROCK	SOIL / GRANULAR SUB BASE / WET MIX MACADAM	MOISTURE CONTENT	IS 2720 (PART 2)
166	MECHANICAL- SOIL AND ROCK	SOIL / GRANULAR SUB BASE / WET MIX MACADAM	SPECIFIC GRAVITY	IS 2720 (PART 3 / SECTION 1)
167	MECHANICAL- SOIL AND ROCK	SOIL / GRANULAR SUB BASE / WET MIX MACADAM/BLANKET	CALIFORNIA BEARING RATIO (CBR)	IS 2720 (PART 16)
168	MECHANICAL- SOIL AND ROCK	SOIL / GRANULAR SUB BASE / WET MIX MACADAM/BLANKET	GRAIN SIZE ANALYSIS	IS 2720 (PART 4)
169	MECHANICAL- SOIL AND ROCK	SOIL / GRANULAR SUB BASE / WET MIX MACADAM/BLANKET	HEAVY COMPACTION (MDD)	IS 2720 (PART 8)
170	MECHANICAL- SOIL AND ROCK	SOIL / GRANULAR SUB BASE / WET MIX MACADAM/BLANKET	HEAVY COMPACTION (OMC)	IS 2720 (PART 8)
171	MECHANICAL- SOIL AND ROCK	SOIL / GRANULAR SUB BASE / WET MIX MACADAM/BLANKET	LIQUID LIMIT	IS 2720 (PART 5)
172	MECHANICAL- SOIL AND ROCK	SOIL / GRANULAR SUB BASE / WET MIX MACADAM/BLANKET	PARTICLE SIZE ANALYSIS (By Hydrometer method)	IS 2720 (PART 4)
173	MECHANICAL- SOIL AND ROCK	SOIL / GRANULAR SUB BASE / WET MIX MACADAM/BLANKET	PLASTIC LIMIT	IS 2720 (PART 5)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : STEDRANT TECHNOCLINIC PRIVATE LIMITED, SHED NO. F-3/A, ROAD NO.10, IDA NACHARAM, HYDERABAD, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7523 **Page No** 11 of 11

Validity 04/07/2022 to 03/07/2024 **Last Amended on** -

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 / GRANULAR SUB BASE / WET MIX MACADAM	FIELD DENSITY (By Core Cutter method)	IS 2720 (PART 29)
2	MECHANICAL- SOIL AND ROCK	SOIL / GRANULAR SUB BASE / WET MIX MACADAM	FIELD DENSITY (By Sand Replacement Method)	IS 2720 (PART 28)
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation	BS EN 14630
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Cover Meter	BS 1881 (Part 204)
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Deflection Measurement Data (Load Test)	IS 456, Clause 17.6
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half-Cell Potential Difference	ASTM C 876
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 13311 (Part 2)
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity	IS 516 (Part 5 / Sec 1)