National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB, UNIT NO 31 & 32, SETHIA INDUSTRIAL PARK, SURVEY NO-39, SATIVALI, VASAI-E, VASAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 07/10/2022 to 06/10/2024 **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
LOCATION 1-UNIT NO 31 & 32, SETHIA INDUSTRIAL PARK, SURVEY NO-39, SATIVALI, VASAI-E, VASAI, THANE, MAHARASHTRA, INDIA Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Cement	Loss on Ignition	IS 4032 Clause no 4.2, 6.2 & 7.1
2	CHEMICAL- BUILDING MATERIAL	Cement / GGBS	Alumina Content (Al2O3)	IS 4032 Clause no 4.4, 4.6.1, 4.6.2 & 6.6
3	CHEMICAL- BUILDING MATERIAL	Cement / GGBS	Insoluble Residue	IS 4032
4	CHEMICAL- BUILDING MATERIAL	Cement / GGBS	Iron Oxide Content (Fe2O3)	IS 4032 Clause no 4.4, 4.5.2 & 6.5
5	CHEMICAL- BUILDING MATERIAL	Cement / GGBS	Alkalies as K2O	IS 4032
6	CHEMICAL- BUILDING MATERIAL	Cement / GGBS	Alkalies as Na2O	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Cement / GGBS	Calcium Oxide (CaO)	IS 4032 Clause No 4.7.2 & 6.7.2
8	CHEMICAL- BUILDING MATERIAL	Cement / GGBS	MnO	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement / GGBS	Sulphur Trioxide (SO3)	IS 4032 Clause no 6.11
10	CHEMICAL- BUILDING MATERIAL	Cement / GGBS / Aggregate	Silica Content (SiO2)	IS 4032 Clause No 4.3 & 6.3
11	CHEMICAL- BUILDING MATERIAL	Cement / GGBS / Integral Water Proofing Compound	Chloride Content	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement/ GGBS / Aggregate	Magnesium Oxide (MgO)	IS 4032 Clause No 4.8.2, 6.8.2 & 7.2.2
13	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	Chloride	BS EN 1744 PART-1
14	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	Sulphate	BS EN 1744 PART-1
15	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate / Rock	Alkali Aggregate Reactivity - Reduction in Alkalinity (RC)	IS 2386 Part-07
16	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate / Rock	Alkali Aggregate Reactivity - Silica Released (SC)	IS 2386 Part-07
17	CHEMICAL- BUILDING MATERIAL	Construction Admixture / Construction Chemical / Water proofing Compound	pH Value	IS 9103
18	CHEMICAL- BUILDING MATERIAL	Construction Admixture / Construction Chemical / Water proofing Compound	Soluble Chloride Content	IS 6925

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19	CHEMICAL- BUILDING MATERIAL	Construction Admixture / Construction Chemical / Water proofing Compound / Shuttering Oil	Relative density	IS 9103
20	CHEMICAL- BUILDING MATERIAL	Construction Admixture / Construction Chemical / Water proofing Compound / Bonding Products	Ash content	IS 9103
21	CHEMICAL- BUILDING MATERIAL	Construction Admixture / Construction Chemical / Water proofing Compound / Bonding Products	Dry Material Content	IS 9103
22	CHEMICAL- BUILDING MATERIAL	GGBS	Loss on Ignition	IS 4032 Clause no 4.2, 6.2 & 7.1
23	CHEMICAL- BUILDING MATERIAL	GGBS	Sulphide Sulphur	IS 4032
24	CHEMICAL- BUILDING MATERIAL	Gypsum Building Plaster	Calcium Oxide (CaO)	IS 1288
25	CHEMICAL- BUILDING MATERIAL	Gypsum Building Plaster	Free Lime	IS 2547 Part 1
26	CHEMICAL- BUILDING MATERIAL	Gypsum Building Plaster	Loss on Ignition	IS 2547 Part 1
27	CHEMICAL- BUILDING MATERIAL	Gypsum Building Plaster	Sulphur Trioxide (SO3)	IS 1288
28	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Soluble Magnesium salt (MgO)	IS 2547 Part 1
29	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Soluble Sodium Salt (Na2O)	IS 2547 Part 1
30	CHEMICAL- BUILDING MATERIAL	Harden Concrete / Mortar	Chloride Content	BS 1881 Part 124
31	CHEMICAL- BUILDING MATERIAL	Harden concrete / Mortar	pH Value	IS 2720 Part 26
32	CHEMICAL- BUILDING MATERIAL	Harden concrete / Mortar	Sulphate	BS 1881 Part 124
33	CHEMICAL- BUILDING MATERIAL	Micro Silica	Moisture Content	IS 15388
34	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials	Aluminum Oxide (Al2O3)	IS 1727
35	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials	Iron Oxide (Fe2O3)	IS 1727
36	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials	Magnesium Oxide (MgO)	IS 1727
37	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials	Sulphur Trioxide(SO3)	IS 1727

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38	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials	Total Chloride	IS 1727
39	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials / Micro Silica	Loss on Ignition	IS 1727
40	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials / Micro Silica	Silicon Dioxide (SiO2)	IS 1727
41	CHEMICAL- BUILDING MATERIAL	Silica Fume	Alkalies as Na2O	IS 4032
42	CHEMICAL- METALS & ALLOYS	Austenitic and Ferritic Stainless Steel	Carbon	IS 9879
43	CHEMICAL- METALS & ALLOYS	Austenitic and Ferritic Stainless Steel	Chromium	IS 9879
44	CHEMICAL- METALS & ALLOYS	Austenitic and Ferritic Stainless Steel	Copper	IS 9879
45	CHEMICAL- METALS & ALLOYS	Austenitic and Ferritic Stainless Steel	Manganese	IS 9879
46	CHEMICAL- METALS & ALLOYS	Austenitic and Ferritic Stainless Steel	Phosphorus	IS 9879
47	CHEMICAL- METALS & ALLOYS	Austenitic and Ferritic Stainless Steel	Silicon	IS 9879
48	CHEMICAL- METALS & ALLOYS	Austenitic and Ferritic Stainless Steel	Sulphur	IS 9879 RA 2015
49	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Carbon	ASTM E 1086
50	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Chromium	ASTM E 1086
51	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Copper	ASTM E 1086
52	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Manganese	ASTM E 1086
53	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Molybdenum	ASTM E 1086
54	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Molybdenum	IS 9879
55	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Nickel	ASTM E 1086
56	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Nickel	IS 9879

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57	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Phosphorus	ASTM E 1086
58	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Silicon	ASTM E 1086
59	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Sulphur	ASTM E 1086
60	CHEMICAL- METALS & ALLOYS	Ferrous Base Carbon Steel / Low Alloy Steel / Steel & Steel Alloy	Carbon (C)	ASTM E 415
61	CHEMICAL- METALS & ALLOYS	Ferrous Base Carbon Steel / Low Alloy Steel / Steel & Steel Alloy	Chromium (Cr)	ASTM E 415
62	CHEMICAL- METALS & ALLOYS	Ferrous Base Carbon Steel / Low Alloy Steel / Steel & Steel Alloy	Copper(Cu)	ASTM E 415
63	CHEMICAL- METALS & ALLOYS	Ferrous Base Carbon Steel / Low Alloy Steel / Steel & Steel Alloy	Manganese (Mn)	ASTM E 415
64	CHEMICAL- METALS & ALLOYS	Ferrous Base Carbon Steel / Low Alloy Steel / Steel & Steel Alloy	Molybdenum(Mo)	ASTM E 415
65	CHEMICAL- METALS & ALLOYS	Ferrous Base Carbon Steel / Low Alloy Steel / Steel & Steel Alloy	Nickel (Ni)	ASTM E 415
66	CHEMICAL- METALS & ALLOYS	Ferrous Base Carbon Steel / Low Alloy Steel / Steel & Steel Alloy	Nitrogen (N)	ASTM E 415
67	CHEMICAL- METALS & ALLOYS	Ferrous Base Carbon Steel / Low Alloy Steel / Steel & Steel Alloy	Phosphorous (P)	ASTM E 415
68	CHEMICAL- METALS & ALLOYS	Ferrous Base Carbon Steel / Low Alloy Steel / Steel & Steel Alloy	Silicon (Si)	ASTM E 415
69	CHEMICAL- METALS & ALLOYS	Ferrous Base Carbon Steel / Low Alloy Steel / Steel & Steel Alloy	Sulphur (S)	ASTM E 415
70	CHEMICAL- METALS & ALLOYS	Ferrous Base Carbon Steel / Low Alloy Steel / Steel & Steel Alloy	Vanadium (V)	ASTM E 415
71	CHEMICAL- WATER	Construction Water	Chloride Content	IS 3025- Part 32
72	CHEMICAL- WATER	Construction Water	Inorganic Impurities	IS 3025 Part 18; Amd-01
73	CHEMICAL- WATER	Construction Water	ml of 0.02N, NaOH used for 100ml Water (Acidity)	IS 3025 Part 22; Amd 2
74	CHEMICAL- WATER	Construction Water	ml of 0.02N,H2SO4 used for 100ml Water(Alkalinity)	IS 3025 Part 23; Amd 2
75	CHEMICAL- WATER	Construction Water	Organic Impurities	IS 3025 Part 18
76	CHEMICAL- WATER	Construction Water	pH Value	IS 3025 Part 11

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77	CHEMICAL- WATER	Construction Water	Sulphate as SO3	IS 3025 Part 24, sec - 1 Gravimetric method
78	CHEMICAL- WATER	Construction Water	Total Suspended Solid	IS 3025 Part 17; Amd 1
79	MECHANICAL- BUILDINGS MATERIALS	Adhesive for Use with Ceramic Mosaic and Stone Tiles	Deformability	IS 15477
80	MECHANICAL- BUILDINGS MATERIALS	Adhesive for Use with Ceramic Mosaic and Stone Tiles	Open Time	IS 15477
81	MECHANICAL- BUILDINGS MATERIALS	Adhesive for Use with Ceramic Mosaic and Stone Tiles	Shear Adhesion Strength (In Dry / Heat / Wet Conditions)	IS 15477
82	MECHANICAL- BUILDINGS MATERIALS	Adhesive for Use with Ceramic Mosaic and Stone Tiles	Slip Test	IS 15477
83	MECHANICAL- BUILDINGS MATERIALS	Adhesive for Use with Ceramic Mosaic and Stone Tiles	Tensile Adhesion Strength (Wet & Dry conditions)	IS 15477
84	MECHANICAL- BUILDINGS MATERIALS	Aggregate	Sieve Analysis (Test Sieves: 80mm, 75mm, 65mm, 63mm, 53mm, 50mm, 45mm, 40mm, 31.5mm, 26.5mm, 25mm, 22.4mm, 20mm, 16mm, 12.5mm, 11.2mm, 10mm, 9.5mm, 6.3mm, 4.75mm, 3.335mm, 2.36mm, 1.7mm, 1.18mm, 0.85mm, 0.6mm, 0,425mm, 0.3mm, 0.15mm, 0.075mm	IS 2386 Part-1
85	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Compressive Strength	IS 6441 Part-5
86	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Dry Density	IS 6441 Part-1
87	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Drying Shrinkage	IS 6441 Part-2
88	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Height	IS 2185 Part-3
89	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Length	IS 2185 Part-3
90	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Moisture Content	IS 6441 Part-1
91	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Width	IS 2185 Part-3
92	MECHANICAL- BUILDINGS MATERIALS	Cement	Density Test	IS 4031 Part-11

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93	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blaine's Air Permeability	IS 4031 Part-02
94	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness (Le-Chatelier Method)	IS 4031 Part-03
95	MECHANICAL- BUILDINGS MATERIALS	Cement / Cement Mortar / Integral Water Proofing Compound / Cement Base Wall Putty	Compressive Strength	IS 4031 Part-06
96	MECHANICAL- BUILDINGS MATERIALS	Cement / Cement Mortar / Integral Water Proofing Compound / Cement Base Wall Putty	Final Setting time	IS 4031 Part-05
97	MECHANICAL- BUILDINGS MATERIALS	Cement / Cement Mortar / Integral Water Proofing Compound / Cement Base Wall Putty	Initial Setting Time	IS 4031 Part-05
98	MECHANICAL- BUILDINGS MATERIALS	Cement / Cement Mortar / Integral Water Proofing Compound / Cement Base Wall Putty	Normal Consistency	IS 4031 Part-04
99	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile	Breaking Strength	IS 13630 (Part-6)
100	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile	Chemical Resistance	IS 13630 (Part-7)
101	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile	Chemical Resistance	IS 13630(Part-8)
102	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile	Length/Width	IS 13630 (Part-01)
103	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile	Modulus of Rapture	IS 13630 (Part-6)
104	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile	Rectangularity	IS 13630 (Part-1)
105	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile	Resistance to Stain	IS 13630 (Part-7)
106	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile	Resistance to Stain	IS 13630 (Part-8)
107	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile	Scratch Hardness	IS 13630 (Part-13)
108	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile	Straightness	IS 13630 (Part-1)
109	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile	Thickness	IS 13630 (Part-1)
110	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile	Water Absorption	IS 13630 (Part-2)
111	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fine Value	IS 2386 Part-4

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112	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose)	IS 2386 Part-3
113	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Rodded)	IS 2386 Part-03
114	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 Part-4
115	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material- Clay Lumps	IS 2386 Part-2
116	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material- Light Weight Particle	IS 2386 Part-2
117	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material- Particle finer than 75µm	IS 2386 Part-1
118	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Test	IS 2386 Part-1
119	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Test	IS 2386 Part-1
120	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 Part-4
121	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Loss Angles Abrasion Test	IS 2386 Part-4
122	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness Test by Na2SO4 / MgSO4	IS 2386 Part-5
123	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Total Deleterious Material	IS 2386 Part-1 & 2
124	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate / Ballast / GSB / WMM	Specific Gravity	IS 2386 part-3
125	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate / WMM / GSB	Combined Flakiness & Elongation	IS 2386 (Part-1)
126	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/ Ballast / GSB/ WMM	Water Absorption	IS 2386 Part-1
127	MECHANICAL- BUILDINGS MATERIALS	Coating on Concrete (Cement base Wall putty / Ready Mix plaster / Jointing Mortar/ Paint)	Pull off Adhesion	ASTM D 7234
128	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (loose)	IS 2386 Part-03
129	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Rodded)	IS 2386 Part-03
130	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material- Particle finer than 75µm	IS 2386 Part-1

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131	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Materials - Clay Lumps	IS 2386 Part-2
132	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Materials -Light Weight Particle	IS 2386 Part-2
133	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS 2386 Part-2
134	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (Test Sieve: 10mm, 4.75mm, 2,36mm, 1.18mm, 0.60mm, 0.30mm, 0.15mm, 0.075mm)	IS 2386 Part-1
135	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Na2SO4/ MgSO4	IS 2386 Part-5
136	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 Part-03
137	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Total Deleterious Material	IS 2386 Part-1&2
138	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 Part-3
139	MECHANICAL- BUILDINGS MATERIALS	GGBS	Fineness by Blaine's permeability	IS 4031 Part-2
140	MECHANICAL- BUILDINGS MATERIALS	GGBS	Slag Activity Index - Compressive Strength	IS 4031 Part-6
141	MECHANICAL- BUILDINGS MATERIALS	GSB / WMM/ Ballast	Impact Value	IS 2386 Part-4
142	MECHANICAL- BUILDINGS MATERIALS	GSB/WMM/ Ballast	Loss Angles Abrasion Test	IS 2386 Part-4
143	MECHANICAL- BUILDINGS MATERIALS	GSB/WMM/Ballast	Crushing Value	IS 2386 Part-4
144	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Compressive Strength	IS 2542 Part-1 Sec-5
145	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Dry Bulk Density	IS 2542 Part-1 Sec 12
146	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Dry Set Density	IS 2542 Part-1 Sec-5
147	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Expansion	IS 2542 Part-1 sec-9
148	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Freedom From Coarse Particles	IS 2542 Part-1 Sec-8

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149	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Mechanical Resistance	IS 2542 Part-1 Sec-7
150	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Normal Consistency	IS 2542 Part-1 Sec-1
151	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Setting Time	IS 2542 Part-1 Sec-3
152	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Soundness Test	IS 2542 Part-1 Sec-6
153	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Transverse Strength	IS 2542 Part-1 Sec-4
154	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516 Part-1 Sec-1
155	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Density Test	IS 516 Part-2 Sec-1
156	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete (Core)	Compressive Strength	IS 516 Part-4
157	MECHANICAL- BUILDINGS MATERIALS	Integral Water Proofing Compound	Water Permeability Test	IS 2645
158	MECHANICAL- BUILDINGS MATERIALS	Mortar Cube	Compressive Strength	ASTM C 109 / C109 M
159	MECHANICAL- BUILDINGS MATERIALS	Mortar, Grout	Flow Test	ASTM C 1437
160	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Final setting Time	IS 1727
161	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Fineness by Blaine's Air Permeability	IS 1727
162	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Initial Setting time	IS 1727
163	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Lime Reactivity	IS 1727
164	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Soundness by Le Chattier Method	IS 1727
165	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material / Micro Silica	Compressive Strength	IS 1727
166	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material / Micro Silica	Fineness by sieving	IS 1727
167	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material / Micro Silica	Specific Gravity	IS 1727

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168	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material / Rebar	% Elongation at Max Force	IS 1608 Part-1
169	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material / Rebar	0.2% Proof Strength	IS 1608 Part-1
170	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material / Rebar	Percentage Elongation after Fracture	IS 1608 Part-01
171	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material / Rebar	Rebend Test	IS 1786; Amd-04
172	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material / Rebar	Tensile Strength	IS 1608 Part-1
173	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material / Rebar	Yield Strength	IS 1608 Part-1
174	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness	ASTM E 10
175	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness	IS 1500 Part-1
176	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness	ISO 6506-1
177	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test (+100 to -196°C)	BS EN ISO 9016
178	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test (+100 to -196°C)	IS 1757 Part-1
179	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test (+100 to -196°C)	ISO 148-1
180	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness	ASTM E18
181	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness	ASTM E18

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182	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRBW)	IS 1586 PART-1
183	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRBW)	ISO 6508-1
184	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRC)	IS 1586 PART-1
185	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRC)	ISO 6508-1
186	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials / Rebar	Bend Test	IS 1599
187	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials / Rebar	Mass Per Meter	IS 1786
188	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nuts	Proof Load	IS 1367 Part-06
189	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Anchor / Bolt / Wire Strand	Pull out Test	IS 11309
190	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Bonding Product	Pull off Adhesion	ASTM D7234
191	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Carbonation	BS EN 14630
192	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Metallic Coatings	Pull-Off Adhesion Strength	ASTM D4541

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LOCATION 1-UNIT NO 31 & 32, SETHIA INDUSTRIAL PARK, SURVEY NO-39, SATIVALI, VASAI-E, VASAI, THANE, MAHARASHTRA, INDIA Site Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Coating on Concrete (Cement base Wall putty / Ready Mix plaster / Jointing Mortar/ Paint)	Pull off Adhesion	ASTM D 7234
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Anchor / Bolt / Wire Strand	Pull out Test	IS 11309
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Bonding Product	Pull off Adhesion	ASTM D7234
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Cast in Situ Piles / Precast Piles	Pile Integrity Test	ASTM 5882
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Carbonation	BS EN 14630
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Carbonation Depth Test	IS 516 (Part 5/Sec 3)
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Cover Depth	BS 1881-204
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound Hammer Test	IS 13311 (Part-2)
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound Hammer Test	IS 516 (Part 5/Sec 4)
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Ultrasonic Pulse velocity / Estimation of the depth of a surface crack using Ultrasonic Pulse Velocity measurement	IS 516 (Part-5/Sec-1)

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11	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Deep Foundation (Piles)	High Strain Dynamic Test	ASTM 4945
12	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Metallic Coatings	Pull-Off Adhesion Strength	ASTM D4541
13	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile	Lateral Load Test	IS 2911 Part-04
14	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile	Pull out Test	IS 2911 Part-04
15	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile	Vertical Load Test	IS 2911 Part-4
16	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Cement Concrete	Half-cell Potential Test	ASTM C 876

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LOCATION 2 - SHOP NO-29 & 30, PLOT NO-D1 & D2, KRISHI INDUSTRIAL ESTATE, TTC INDUSTRIAL AREA, TURBHE, VASAI, THANE, MAHARASHTRA, INDIA Permanent Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Granular Material	California Bearing Ratio	IS 2720 Part-16
2	MECHANICAL- BUILDINGS MATERIALS	Granular Material	Liquid Limit	IS 2720 Part-5
3	MECHANICAL- BUILDINGS MATERIALS	Granular Material	Modified Proctor Density Test	IS 2720 Part-8
4	MECHANICAL- BUILDINGS MATERIALS	Granular Material	Moisture Content	IS 2720 Part-2
5	MECHANICAL- BUILDINGS MATERIALS	Granular Material	Plastic Limit Test / Plasticity Index	IS 2720 Part-5
6	MECHANICAL- BUILDINGS MATERIALS	Granular Material	Standard Proctor Density Test	IS 2720 Part-7
7	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Change In Length	IS 516 (Part-6)
8	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Chloride Migration Test	NT BUILD 492
9	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516 (Part-1/Sec-1)
10	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516 (Part-4)
11	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Density	IS 516 (Part-2/Sec-1)
12	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Depth of Water Penetration Test	IS 516 (Part-2/Sec-1)
13	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Flexural Strength	IS 516 (Part-1/Sec-1)
14	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Initial Surface Water Absorption Test	BS 1881 (Part-208)
15	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Initial Surface Water Absorption Test	IS 516 (Part-2/Sec-2)
16	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Modulus of Elasticity	ASTM C 469
17	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Rapid Chloride Ion Penetration	ASTM C1202
18	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Splitting Tensile Strength	IS 516 (Part-1/Sec-1)

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19	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water Absorption	BS 1881 (Part-122)
20	MECHANICAL- BUILDINGS MATERIALS	Mortar Cube	Compressive Strength	ASTM C 109 / C109 M
21	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Epoxy Coated Prestressed Wire Strand	Thickness of Coating	ASTM A 882 / A 882 M
22	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Epoxy Coated Prestressing Steel Strands	Continuity of Coating/Holiday Detecting	ASTM A 882 / A 882 M
23	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Fusion Bonded Epoxy Coated Reinforce Bar / Ferrous Base Metallic Material	Coating Thickness	IS 13620
24	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Fusion Bonded Epoxy Coated Reinforce Bar / Metallic Material	Continuity of Coating/Holiday Detecting	IS 13620
25	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Stainless Steel Bars and Wires for Concrete Reinforcement	Bend Test	IS 16651
26	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Stainless Steel Bars and Wires for Concrete Reinforcement	Rebend Test	IS 16651
27	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Modulus of Elasticity	IS 1608 Part-01
28	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material / Rebar	Bend Test	IS 1599
29	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material / Rebar	Mass Per Meter	IS 1786
30	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material / Rebar	Percentage Elongation after Fracture	IS 1608 Part-01
31	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material / Rebar	Percentage Elongation at Max Force	IS 1608 Part-01
32	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material / Rebar	Tensile Strength	IS 1608 Part-01

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33	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material / Rebar	Yield Strength	IS 1608 Part-01
34	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material/ Rebar	Rebend Test	IS 1786
35	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials / Rebar	0.2% Proof Strength	IS 1608 Part-01
36	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Products (wire, rods, rivets and pins)	Shear Strength	IS 5242
37	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressed Wire Strand	Length of Lay	IS 14268
38	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressed Wire Strand	Mass Per unit Length	IS 14268
39	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressed Wire Strand	Nominal Area	IS 14268
40	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressed Wire Strand	Nominal Diameter	IS 14268
41	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressed Wire Strand	Percentage Difference in Diameter of Center wire and Surroundings Wires	IS 14268
42	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressed Wire Strand	Percentage Elongation	IS 14268
43	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressed Wire Strand / Wire Rope	Breaking Strength	IS 1608 Part-01
44	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressed Wire Strand / Wire Rope	Proof Load	IS 1608 Part-01
45	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Coupler	Slip Test	IS 16172
46	MECHANICAL- SOIL AND ROCK	Clay / Soil / Stabilised Soil	California Bearing Ratio	IS 2720 : Part 16

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47	MECHANICAL- SOIL AND ROCK	Clay / Soil / Stabilised Soil	Direct Shear Test - Maximum Shear Stress	IS 2720 Part-13
48	MECHANICAL- SOIL AND ROCK	Clay / Soil / Stabilised Soil	Direct Shear Test - Shear Displacement corresponding to Max Shear Stress	IS 2720 Part-13
49	MECHANICAL- SOIL AND ROCK	Clay / Soil / Stabilised Soil	Direct Shear Test : Cohesion Intercept (C-Value)	IS 2720 Part-13
50	MECHANICAL- SOIL AND ROCK	Clay / Soil / Stabilised Soil	Direct Shear Test-Angle	IS 2720 Part-13
51	MECHANICAL- SOIL AND ROCK	Clay / Soil / Stabilised Soil	Free Swell Index	IS 2720 : Part 40
52	MECHANICAL- SOIL AND ROCK	Clay / Soil / Stabilised Soil	Grain Size Analysis (0.075mm to 4.75mm)	IS 2720 Part 4
53	MECHANICAL- SOIL AND ROCK	Clay / Soil / Stabilised Soil	Liquid Limit	IS 2720 Part-05
54	MECHANICAL- SOIL AND ROCK	Clay / Soil / Stabilised Soil	Modified Proctor Density Test	IS 2720 Part 08
55	MECHANICAL- SOIL AND ROCK	Clay / Soil / Stabilised Soil	Moisture Content	IS 2720 Part-02
56	MECHANICAL- SOIL AND ROCK	Clay / Soil / Stabilised Soil	Plastic Limit Test/Plasticity Index	IS 2720 Part 5
57	MECHANICAL- SOIL AND ROCK	Clay / Soil / Stabilised Soil	Specific Gravity Test	IS 2720 Part 3 Sec -1
58	MECHANICAL- SOIL AND ROCK	Clay / Soil / Stabilised Soil	Standard Proctor Density Test	IS 2720 Part-07
59	MECHANICAL- SOIL AND ROCK	Clay / Soil / Stabilised Soil	Unconfined Compressive Strength	IS 2720 Part-10
60	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Apparent Specific Gravity	IS 1124
61	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Compressive Strength	IS 1121 Part 1
62	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Porosity	IS 1124
63	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Specific Gravity	IS 1122
64	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Transverse Strength	IS 1121 Part 2

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65	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Water Absorption	IS 1124
66	MECHANICAL- SOIL AND ROCK	Rock	Density test	IS 13030
67	MECHANICAL- SOIL AND ROCK	Rock	Point Load Strength Index / Point Load Lump Strength Index Test	IS 8764
68	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
69	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
70	MECHANICAL- SOIL AND ROCK	Rock	Uniaxial Compressive Strength	IS 8764
71	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
72	MECHANICAL- SOIL AND ROCK	Soil / Stabilised Soil	Undrained Shear Strength or Cohesion	IS 2720 Part 10

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LOCATION 2 - SHOP NO-29 & 30, PLOT NO-D1 & D2, KRISHI INDUSTRIAL ESTATE, TTC INDUSTRIAL AREA, TURBHE, VASAI, THANE, MAHARASHTRA, INDIA Site Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Granular Material	Field Dry Density - Sand Replacement Method	IS 2720 Part-28
2	MECHANICAL- BUILDINGS MATERIALS	Granular Material	Field Dry Density- Core Cutter Method	IS 2720 Part-29
3	MECHANICAL- BUILDINGS MATERIALS	Granular Material	Modulus of Sub Grade	IS 9214
4	MECHANICAL- BUILDINGS MATERIALS	Granular Material	Plate Load Test	IS 1888
5	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Epoxy Coated Prestressed Wire Strand	Thickness of Coating	ASTM A 882 / A 882 M
6	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Epoxy Coated Prestressing Steel Strands	Continuity of Coating/Holiday Detecting	ASTM A 882 / A 882 M
7	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Fusion Bonded Epoxy Coated Reinforce Bar / Ferrous Base Metallic Material	Coating Thickness	IS 13620
8	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Fusion Bonded Epoxy Coated Reinforce Bar / Metallic Material	Continuity of Coating/Holiday Detecting	IS 13620
9	MECHANICAL- SOIL AND ROCK	Clay / Soil / Stabilised Soil	Field Dry Density (Core Cutter Method)	IS 2720 : Part 29
10	MECHANICAL- SOIL AND ROCK	Clay / Soil / Stabilised Soil	Field Dry Density (Sand Replacement Method)	IS 2720 : Part 28
11	MECHANICAL- SOIL AND ROCK	Clay / Soil / Stabilised Soil	Modulus of Sub-grade	IS 9214
12	MECHANICAL- SOIL AND ROCK	Clay / Soil / Stabilised Soil	Plate Load Test	IS 1888