National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : J SQUARE CRCS & TEST HOUSE, G2, KOTHARI COLLEGE COMPOUND, 27 ACRE, THANE, 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
Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Admixture, Accelerator, Crystalline water proofing compound, Super plasticizer, Retarder.	Ash content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture, Accelerator, Crystalline water proofing compound, Super plasticizer, Retarder.	Chloride content	IS 6925
3	CHEMICAL- BUILDING MATERIAL	Admixture, Accelerator, Crystalline water proofing compound, Super plasticizer, Retarder.	Dry material content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture, Accelerator, Crystalline water proofing compound, Super plasticizer, Retarder.	PH	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture, Accelerator, Crystalline Water proofing compound, Super plasticizer, Retarder.	Relative Density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Bonding Product	Dry Material content	IS 9103
7	CHEMICAL- BUILDING MATERIAL	Cement - OPC, PSC	Sulphuric Anhydride	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Cement - OPC, PSC	Alumina	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement - OPC, PSC	Chloride	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement - OPC, PSC	Insoluble Residue	Is 4032
11	CHEMICAL- BUILDING MATERIAL	Cement - OPC, PSC	Iron Oxide	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement - OPC, PSC	Lime	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement - OPC, PSC	Loss on ignition	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement - OPC, PSC	Magnesia	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement - OPC, PSC	Silica	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Deleterious Material - Clay Lumps	IS 2386 Part 2
17	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Deleterious Material - Coal and lignite	IS 2386 Part 2
18	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Deleterious Material - Finer than 75 micron sieve	IS 2386 Part 2

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19	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Soundness with MgSO4	IS 2386 Part:5
20	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Soundness with Na2SO4	IS 2386 Part:5
21	CHEMICAL- BUILDING MATERIAL	Concrete	Chloride content	IS 14959 Part 2 & BS 1881 Part 124
22	CHEMICAL- BUILDING MATERIAL	Concrete	Sulphate as SO3	BS 1881 Part 124
23	CHEMICAL- BUILDING MATERIAL	Fine Aggregate (Manufactured crush sand, Manufactured wash sand, River sand, VSI crush sand) and Coarse Aggregate	Organic impurities	IS 2386 Part 2
24	CHEMICAL- BUILDING MATERIAL	Fine Aggregate (Manufactured crush sand, Manufactured wash sand, River sand, VSI crush sand)	Deleterious Material- Coal and lignite	IS 2386 Part 2
25	CHEMICAL- BUILDING MATERIAL	Fine Aggregate (Manufactured crush sand, Manufactured wash sand, River sand, VSI crush sand)	Deleterious Material- Finer than 75 micron sieve	IS 2386 Part 1
26	CHEMICAL- BUILDING MATERIAL	Fine Aggregate (Manufactured crush sand, Manufactured wash sand, River sand, VSI crush sand)	Soundness with Na2SO4	IS 2386 Part:5
27	CHEMICAL- BUILDING MATERIAL	Fine Aggregate (Manufactured crush sand, Manufactured wash sand, River sand, VSI crush sand) & Coarse aggregate	Alkali aggregate Reactivity - Dissolve silica	IS 2386: Part 7
28	CHEMICAL- BUILDING MATERIAL	Fine Aggregate (Manufactured crush sand, Manufactured wash sand, River sand, VSI crush sand) & Coarse aggregate	Reduction In Alkalinity	IS 2386: Part 7
29	CHEMICAL- BUILDING MATERIAL	Fine Aggregate (Manufactured crush sand, Manufactured wash sand, River sand, VSI crush sand) & Coarse aggregate	Sulphate	BS EN 1744-1
30	CHEMICAL- BUILDING MATERIAL	Fine Aggregate (Manufactured crushed sand, Manufactured wash sand, River sand, VSI crushed sand) & Coarse aggregate	Chloride	BS EN 1744-1-
31	CHEMICAL- BUILDING MATERIAL	Fine Aggregate (Manufactured crushed sand, Manufactured wash sand, River sand, VSI crushed sand) & Coarse aggregate	Deleterious Material - Clay Lumps	IS 2386 Part 2
32	CHEMICAL- BUILDING MATERIAL	Fine Aggregate(Manufactured crush sand, Manufactured wash sand, River sand, VSI crush sand)	Soundness with MgSO4	IS 2386 Part:5
33	CHEMICAL- BUILDING MATERIAL	Fly Ash , Microfine fly ash	Alumina	IS 1727
34	CHEMICAL- BUILDING MATERIAL	Fly Ash , Microfine fly ash	Calcium	IS 1727
35	CHEMICAL- BUILDING MATERIAL	Fly Ash , Microfine fly ash	Chloride	IS 4032
36	CHEMICAL- BUILDING MATERIAL	Fly Ash , Microfine fly ash	Iron Oxide	IS 1727

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37	CHEMICAL- BUILDING MATERIAL	Fly Ash , Microfine fly ash	Loss on ignition	IS 1727
38	CHEMICAL- BUILDING MATERIAL	Fly Ash , Microfine fly ash	Magnesia	IS 1727
39	CHEMICAL- BUILDING MATERIAL	Fly Ash , Microfine fly ash	Silica	IS 1727
40	CHEMICAL- BUILDING MATERIAL	Fly Ash , Microfine fly ash	Sulphuric Anhydride	IS 1727
41	CHEMICAL- BUILDING MATERIAL	GGBFS , Microfine Slag	Alumina	IS 4032
42	CHEMICAL- BUILDING MATERIAL	GGBFS , Microfine Slag	Chloride	IS 4032
43	CHEMICAL- BUILDING MATERIAL	GGBFS , Microfine Slag	Insoluble Residue	IS 4032
44	CHEMICAL- BUILDING MATERIAL	GGBFS , Microfine Slag	Iron Oxide	IS 4032
45	CHEMICAL- BUILDING MATERIAL	GGBFS , Microfine Slag	Lime	IS 4032
46	CHEMICAL- BUILDING MATERIAL	GGBFS , Microfine Slag	Loss on ignition	IS 4032
47	CHEMICAL- BUILDING MATERIAL	GGBFS , Microfine Slag	Magnesia	IS 4032
48	CHEMICAL- BUILDING MATERIAL	GGBFS , Microfine Slag	Silica	IS 4032
49	CHEMICAL- BUILDING MATERIAL	GGBFS , Microfine Slag	Sulphuric Anhydride	IS 4032
50	CHEMICAL- BUILDING MATERIAL	Gypsum & Gypsum Plaster	Free Lime	IS 2547 Part 1 App-C
51	CHEMICAL- BUILDING MATERIAL	Gypsum & Gypsum Plaster	Lime	IS 1288
52	CHEMICAL- BUILDING MATERIAL	Gypsum & Gypsum Plaster	Loss on ignition	IS 2547 Part 1 App-B
53	CHEMICAL- BUILDING MATERIAL	Gypsum & Gypsum Plaster	Magnesia	IS 2547 Part 1 App-A
54	CHEMICAL- BUILDING MATERIAL	Gypsum & Gypsum Plaster	Sulphate	IS 1288
55	CHEMICAL- BUILDING MATERIAL	Micro silica / Silica Fumes	Moisture	IS 15388

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56	CHEMICAL- BUILDING MATERIAL	Micro silica / Silica Fumes	Loss on ignition	IS 1727
57	CHEMICAL- BUILDING MATERIAL	Micro silica / Silica Fumes	Silica	IS 1727
58	CHEMICAL- BUILDING MATERIAL	Shuttering Oil	Colour	IS 9103
59	CHEMICAL- BUILDING MATERIAL	Shuttering Oil	Relative Density	IS 9103
60	CHEMICAL- METALS & ALLOYS	Alloy steel, TMT Bar, Rebar coupler, Steel Plate, Uncoated Stress Relieved low Relaxation Seven wire (Ply) Strand for prestressed concrete.	Carbon	IS 228 Part 1
61	CHEMICAL- METALS & ALLOYS	Alloy steel, TMT Bar, Rebar coupler, Steel Plate, Uncoated Stress Relieved low Relaxation Seven wire (Ply) Strand for prestressed concrete.	Chromium	IS 228 Part 6
62	CHEMICAL- METALS & ALLOYS	Alloy steel, TMT Bar, Rebar coupler, Steel Plate, Uncoated Stress Relieved low Relaxation Seven wire (Ply) Strand for prestressed concrete.	Manganese	IS 228 Part 2
63	CHEMICAL- METALS & ALLOYS	Alloy steel, TMT Bar, Rebar coupler, Steel Plate, Uncoated Stress Relieved low Relaxation Seven wire (Ply) Strand for prestressed concrete.	Nickel	IS 228 Part 5
64	CHEMICAL- METALS & ALLOYS	Alloy steel, TMT Bar, Rebar coupler, Steel Plate, Uncoated Stress Relieved low Relaxation Seven wire (Ply) Strand for prestressed concrete.	Phosphorous	IS 228 Part 3
65	CHEMICAL- METALS & ALLOYS	Alloy steel, TMT Bar, Rebar coupler, Steel Plate, Uncoated Stress Relieved low Relaxation Seven wire (Ply) Strand for prestressed concrete.	Silicon	IS 228 Part 8
66	CHEMICAL- METALS & ALLOYS	Alloy steel, TMT Bar, Rebar coupler, Steel Plate, Uncoated Stress Relieved low Relaxation Seven wire (Ply) Strand for prestressed concrete.	Sulphur	IS 228 Part 9
67	CHEMICAL- WATER	Construction water	Acidity	IS 3025 Part 22
68	CHEMICAL- WATER	Construction Water	Acidity	IS 456
69	CHEMICAL- WATER	Construction water	Alkalinity	IS 3025 Part 25
70	CHEMICAL- WATER	Construction water	Alkalinity	IS 456
71	CHEMICAL- WATER	Construction water	Chlorides	IS 3025 Part 32
72	CHEMICAL- WATER	Construction water	Inorganic solids (Fixed solids)	IS 3025 Part 18
73	CHEMICAL- WATER	Construction Water	Organic Solids (Volatile solids)	IS 3025 Part 18
74	CHEMICAL- WATER	Construction water	PH value	IS 3025 Part 11
75	CHEMICAL- WATER	Construction water	Sulphate content as SO4	IS 3025 Part 24

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76	CHEMICAL- WATER	Construction water	Suspended Matter	IS 3025 Part 17
77	CHEMICAL- WATER	Construction water	TDS	IS 3025 Part 16
78	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Compressive Strength	IS 6441 part-5
79	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Density Test	IS 6441 Part-1
80	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension Test (Thickness)	IS 2185 Part-3
81	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension Test (Width)	IS 2185 Part-3
82	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimention Test (Length)	IS 2185 Part-3
83	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Drying Shrinkage Test	IS 6441 Part-2
84	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Water Absorption	NFP 1406:
85	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	10% Fines VAlue	IS 2386 Part-4
86	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Agg. Crushing Value	IS 2386 Part-4
87	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Agg. Impact Value	IS 22386 Part-4
88	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Dry Loose Bulk Density	IS 2386 Part-3
89	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 Part-1
90	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 Part-1
91	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Los Angeles Abrasion Value	IS 2386 Part-4
92	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Rodded Bulk Density	IS 2386 Part 3
93	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Seive Analysis	IS 2386 Part-1
94	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 Part-3
95	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 Part-3

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96	MECHANICAL- BUILDINGS MATERIALS	Concrete Design Mix	Density	IS 1199 part 3
97	MECHANICAL- BUILDINGS MATERIALS	Concrete Design Mix	Density	IS 456
98	MECHANICAL- BUILDINGS MATERIALS	Concrete Design Mix	Density	IS 10262
99	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates (Manufactured crush sand, Manufactured wash sand, River sand, VSI crush sand)	Dry Loose Bulk Density	IS 2386 Part-3
100	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates (Manufactured crush sand, Manufactured wash sand, River sand, VSI crush sand)	Rodded Bulk Density	IS 2386 part-3
101	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates (Manufactured crush sand, Manufactured wash sand, River sand, VSI crush sand)	Sieve Analysis	IS 2386 part-1
102	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates (Manufactured crush sand, Manufactured wash sand, River sand, VSI crush sand)	Specific Gravity	IS 2386 part-3
103	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates(Manufactured crush sand, Manufactured wash sand, River sand, VSI crush sand)	Water Absorption	IS 2386 Part-3
104	MECHANICAL- BUILDINGS MATERIALS	Flyash	Compressive Strength	IS 1727
105	MECHANICAL- BUILDINGS MATERIALS	Flyash	Final Setting Time	IS 1727
106	MECHANICAL- BUILDINGS MATERIALS	Flyash	Fineness by Blaine air Permiability Method	IS 1727
107	MECHANICAL- BUILDINGS MATERIALS	Flyash	Initial Setting Time	IS 1727
108	MECHANICAL- BUILDINGS MATERIALS	Flyash	Lime Reactivity	IS 1727
109	MECHANICAL- BUILDINGS MATERIALS	Flyash	Residue On 45 micron IS Sieve	IS 1727
110	MECHANICAL- BUILDINGS MATERIALS	Flyash	Specific Gravity	IS 1727
111	MECHANICAL- BUILDINGS MATERIALS	Flysh	Soundness By Le-Chatelier Method	IS 4031 Part-3
112	MECHANICAL- BUILDINGS MATERIALS	GGBFS	Consistency	IS 4031 Part-4
113	MECHANICAL- BUILDINGS MATERIALS	GGBFS	Final Setting Time	BSEN 196-01
114	MECHANICAL- BUILDINGS MATERIALS	GGBFS	Final Setting Time	IS 1727

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115	MECHANICAL- BUILDINGS MATERIALS	GGBFS	Fineness by Blaine air permiability Method	Clouse 4 of BSEN 196-
116	MECHANICAL- BUILDINGS MATERIALS	GGBFS	Initial Setting Time	BSEN 196-01
117	MECHANICAL- BUILDINGS MATERIALS	GGBFS	Initial Setting time	IS 1727
118	MECHANICAL- BUILDINGS MATERIALS	GGBFS	Slag Activity index	BSEN 196-01
119	MECHANICAL- BUILDINGS MATERIALS	GGBFS	Slag Activity index	IS 1614
120	MECHANICAL- BUILDINGS MATERIALS	GGBFS	Soundness by Le-Chatelier Method	BSEN 196-3
121	MECHANICAL- BUILDINGS MATERIALS	GGBFS	Specific Gravity	IS 4031 Part-11
122	MECHANICAL- BUILDINGS MATERIALS	Hardened concrete	Compressive Strength ,conrete cube, Concrete core , Conrete cylinder.	IS 516 -Part -1/Sec-1
123	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive strength by ACT by Boiling Method	IS 9013
124	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Concrete Density	IS 516
125	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Concrete water Absorption	BS :1881 Part 122
126	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Dry Shrinkage test , Length Change.	ASTM C157/
127	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	E-Value	IS 516 Part 8/Sec. 1
128	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	E-Value Test	ASTM C469
129	MECHANICAL- BUILDINGS MATERIALS	Hardened concrete	Flexural Strength	IS 516: Part-1,Sec-1
130	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Initial Surface absorption test	BS 1881 Part-208
131	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	RCPT Test	ASTMC 1202-
132	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Split tensile strength	IS 516 Part: 1/sec.1

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133	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water Permiability Test	IS 516:Part-2/Sec1)
134	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC), Cement Mortar, Integral Water Proofing Compound.	Compressive Strength	IS 4031Part-6
135	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC), Cement Mortar, Integral Water Proofing Compound.	Consistency	IS 4031 Part-4
136	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC), Cement Mortar, Integral Water Proofing Compound.	Density/Specific Gravity	IS 4031 Part-11
137	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC), Cement Mortar, Integral Water Proofing Compound.	Final Setting Time	IS 4031(Part-5)
138	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC), Cement Mortar, Integral Water Proofing Compound.	Finenes By dry Seiving	IS 4031 Part- 1
139	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC), Cement Mortar, Integral Water Proofing Compound.	Fineness by air permeability (Blains)	IS 4031 Part-2
140	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC), Cement Mortar, Integral Water Proofing Compound.	Initial Setting Time	IS 4031 Part-5
141	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC), Cement Mortar, Integral Water Proofing Compound.	Soundness by Le-Chatelier Test	IS 4031Part-3
142	MECHANICAL- BUILDINGS MATERIALS	Micro silica / Silica Fume / Microfine Slag/ Microfine Fly ash	Compressive Strength	IS 1727
143	MECHANICAL- BUILDINGS MATERIALS	Micro silica / Silica Fume / Microfine Slag/ Microfine Fly ash	Density	IS 1727
144	MECHANICAL- BUILDINGS MATERIALS	Micro silica / Silica Fume / Microfine Slag/ Microfine Fly ash	Residue on 45 micron IS Sieve	IS 1727
145	MECHANICAL- BUILDINGS MATERIALS	Micro silica / Silica Fume / Microfine Slag/ Microfine Fly ash	Specific Gravity	IS 1727
146	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Material, High Strength Deformed Steel Bars/ Reinforced Coupler, Uncoated Stress Relieved low Relaxation Seven wire (Ply) Strand for prestressed concrete.	Bend Test	IS 1786
147	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Material, High Strength Deformed Steel Bars/ Reinforced Coupler, Uncoated Stress Relieved low Relaxation Seven wire (Ply) Strand for prestressed concrete.	Percentage Elongation	IS 1608 Part-1
148	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Material, High Strength Deformed Steel Bars/ Reinforced Coupler, Uncoated Stress Relieved low Relaxation Seven wire (Ply) Strand for prestressed concrete.	Rebend Test	IS 1786

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149	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Material, High Strength Deformed Steel Bars/ Reinforced Coupler, Uncoated Stress Relieved low Relaxation Seven wire (Ply) Strand for prestressed concrete.	Reduction in Area	IS 1786
150	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Material, High Strength Deformed Steel Bars/ Reinforced Coupler, Uncoated Stress Relieved low Relaxation Seven wire (Ply) Strand for prestressed concrete.	Ultimate Tensile Test	IS 1608 Part-1
151	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Material, High Strength Deformed Steel Bars/ Reinforced Coupler, Uncoated Stress Relieved low Relaxation Seven wire (Ply) Strand for prestressed concrete.	Weight per Meter	IS 1786
152	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Material, High Strength Deformed Steel Bars/ Reinforced Coupler, Uncoated Stress Relieved low Relaxation Seven wire (Ply) Strand for prestressed concrete.	Yield Stress	IS 1608 Part-1
153	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plate, Chequered Plate, Hollow Section , Steel Tube ,GI Pipe ,Steel Beam, Steel Column, Steel Channel, Steel Angle.	Bend test	IS 1599:
154	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plate, Chequered Plate, Hollow Section , Steel Tube ,GI Pipe ,Steel Beam, Steel Column, Steel Channel, Steel Angle.	Percentage Elongation	IS 1608 Part: 1
155	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plate, Chequered Plate, Hollow Section , Steel Tube ,GI Pipe ,Steel Beam, Steel Column, Steel Channel, Steel Angle.	Ultimate Tensile Test	IS 1608 Part:1
156	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plate, Chequered Plate, Hollow Section , Steel Tube ,GI Pipe ,Steel Beam, Steel Column, Steel Channel, Steel Angle.	Yield Stress	IS 1608 Part 1
157	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio Test	IS 2720 Part - 16
158	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 Part-40
159	MECHANICAL- SOIL AND ROCK	Soil	Grain Size analysis	IS 2720 Part 4
160	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 Part-8
161	MECHANICAL- SOIL AND ROCK	Soil	Heavy compaction (OMC)	IS 2720 part-8
162	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 Part-7

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163	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 Part-7
164	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 Part-5
165	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 Part-2
166	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 Part-5
167	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Rebound Hammer	Rebound Hammer	IS 516 part 5 sec. 4
168	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Ultrasonic Pulse Velocity	Ultrasonic Pulse Velocity	IS 516 part 5 sec. 1

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Laboratory Name :	J SQUARE CRCS & TEST HOUSE, G2, KOTHARI COLLEGE COMPOUND, 27 ACRE, THANE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8587	**Page No**	11 of 11
Validity	11/01/2023 to 10/01/2025	**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	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Rebound Hammer	Rebound Hammer	IS:13311 Part-2
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Ultrasonic Pulse Velocity	Ultrasonic Pulse Velocity	IS 13311 Part-1