National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : E CUBE CONCRETE CONSULTANTS LLP, 18, VARDHAMAN INDUSTRIAL PREMISES, GOKUL NAGAR, LBS MARG, THANE WEST, 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	Coarse Aggregate	Soundness By MgSO4	IS 2386 Part V
2	CHEMICAL- BUILDING MATERIAL	Coarse aggregate	Soundness By Na2SO4	IS 2386 Part V
3	CHEMICAL- BUILDING MATERIAL	Concrete Admixture	Ash Content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Concrete Admixtures	pH	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Corrosion Inhibitor	Practice for preparing, Cleaning and evaluating corrosion test specimen	ASTM G1-03
6	CHEMICAL- BUILDING MATERIAL	Corrosion Inhibitor (Liquid / Solid)	Volatile Corrosion Inhibitor	JIS Z 1519
7	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Methylene Blue Test For Fine Aggregate/ Mineral Filler	BS-EN 933-Part IX
8	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Methylene BlueTest For Fine Aggregate/ Mineral Filler	ASTM C 1777
9	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Soundness by MgSo4	IS 2386 Part V
10	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Soundness by Na2So4	IS 2386 Part V
11	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Electrical Indication Of Concrete's Ability To Resist Chloride Ion Penetration	ASTM C-1202
12	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Non Steady state Chloride Migration (Diffusion Coefficient)	NT Build 492
13	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	pH of Aqueous Solutions With The Glass Electrode	ASTM E-70
14	CHEMICAL- BUILDING MATERIAL	Liquid Membrane Forming Compuond	Water loss (From a mortar specimen) Through Liquid membrane - forming curing compounds for concrete	ASTM C156
15	CHEMICAL- BUILDING MATERIAL	Mortar, Grout, polymer concrete	Chemical Resistance of Mortars, Grout, and Monolithic surfacings and polymer concretes	ASTM C 267
16	CHEMICAL- BUILDING MATERIAL	Silica Fumes	Loss Of Ignition	IS 15388

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17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 Part III
18	MECHANICAL- BUILDINGS MATERIALS	(OPC/PPC/PSC)	Compressive Test	IS 4031 Part VI
19	MECHANICAL- BUILDINGS MATERIALS	(OPC/PPC/PSC)	Density	IS 4031 Part XI
20	MECHANICAL- BUILDINGS MATERIALS	(OPC/PPC/PSC)	Drying Shrinkage	IS 4031 Part X
21	MECHANICAL- BUILDINGS MATERIALS	(OPC/PPC/PSC)	Fineness By Blaine's Air Permeability Method	IS 4031 Part II
22	MECHANICAL- BUILDINGS MATERIALS	(OPC/PPC/PSC)	Setting Time (Final)	IS 4031 Part V
23	MECHANICAL- BUILDINGS MATERIALS	(OPC/PPC/PSC)	Setting Time (Initial)	IS 4031 Part V
24	MECHANICAL- BUILDINGS MATERIALS	(OPC/PPC/PSC)	Soundness- Le Chatelier Method	IS 4031 Part III
25	MECHANICAL- BUILDINGS MATERIALS	(OPC/PPC/PSC)	Standard Consistency	IS 4031 Part IV
26	MECHANICAL- BUILDINGS MATERIALS	(OPC/PPC/PSC/Supplementry Cements)	Chemical shrinkage of Cement Paste	ASTM C 1608
27	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Bulk Density or Unit Weight	IS 6441 Part I
28	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Compressive Strength	IS 6441 Part V
29	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension (Height)	IS 2185 Part III
30	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension (Length)	IS 2185 Part III
31	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension (Width)	IS 2185 Part III
32	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Drying Shrinkage	IS 6441 Part II
33	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Moisture Content	IS 6441 Part I
34	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension (Height)	IS 13630 Part IX
35	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension (Length)	IS 13630 Part IX

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36	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension (Width)	IS 13630 Part IX
37	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Hardness by MOH's Scale	IS 13630 Part XIII
38	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Modulus Of Rupture	IS 13630 Part VI
39	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630 Part II
40	MECHANICAL- BUILDINGS MATERIALS	Coarse & Fine Aggregate	Alkali Aggregate Reactivity (Mortar Bar Method)	IS 2386 Part VII
41	MECHANICAL- BUILDINGS MATERIALS	Coarse & Fine Aggregate	Length Change Of Concrete Due To Alkali Silica Reaction	ASTM C 1293
42	MECHANICAL- BUILDINGS MATERIALS	Coarse & Fine Aggregate	Potential alkali reactivity of aggregates (Mortar bar methods)	ASTM C1260
43	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Crushing Value	IS 2386 Part IV
44	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS 2386 Part IV
45	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Angularity Number For Coarse Aggregate	IS 2386 Part I
46	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose & Rodded)	IS 2386 Part III
47	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion Value	IS 2386 Part IV
48	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Material Finer Than 75 Mic.	IS 2386 Part I
49	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Ten Percent Fines Value	IS 2386 Part IV
50	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 Part I
51	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 Part I
52	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (40mm to 2.36mm)	IS 2386 Part I
53	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 Part III

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54	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 Part III
55	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Dry Material Content	IS 9103
56	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Relative Density	IS 9103
57	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density(Loose & Rodded)	IS 2386 Part III
58	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Compressive Strength (For plaster sand compatibility)	IS 1542
59	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (10mm to 150 microns)	IS 2386 Part I
60	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Material Finer Than 75 Mic.	IS 2386 Part I
61	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Organic Impurities (By Colour test)	IS 2386 Part II
62	MECHANICAL- BUILDINGS MATERIALS	Fine Agregate	Specfic Gravity	IS 2386 Part III
63	MECHANICAL- BUILDINGS MATERIALS	FlyAsh	Compressive Strength	IS 1727
64	MECHANICAL- BUILDINGS MATERIALS	FlyAsh	Fineness By Blaine's Air Permeability	IS 1727
65	MECHANICAL- BUILDINGS MATERIALS	FlyAsh	Lime Reactivity	IS 1727
66	MECHANICAL- BUILDINGS MATERIALS	FlyAsh	Moisture Content	IS 16714
67	MECHANICAL- BUILDINGS MATERIALS	FlyAsh	Particles Retained on 45 Microns	IS 1727
68	MECHANICAL- BUILDINGS MATERIALS	FlyAsh	Specific Gravity	IS 1727
69	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Air Content Of Fresh Concrete	IS 1199 Part IV
70	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Bleeding	IS 9103 Annex D
71	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Density	IS 1199 Part III
72	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Final Setting Time Of Concrete By Penetration Resistance	IS 1199 Part VII

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73	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Initial Setting Time Of Concrete By Penetration Resistance	IS 1199 Part VII
74	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	L box Test	IS 1199 Part VI
75	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Sieve Segregation resistance Test	IS 1199 Part VI
76	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Flow Test	IS 1199 Part VI
77	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Test	IS 1199 Part II
78	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	T-500 Test	IS 1199 Part VI
79	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	V Funnel Test	IS 1199 Part VI
80	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Workability: Flow	IS 1199 Part II
81	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Fineness by Blaine's Air Permeability method	IS 4031 Part II
82	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Moisture Content	IS 16714
83	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Slag Activity Index	ASTM C989
84	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Slag Activity Index	IS 16714
85	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plaster (Including Light Weight Premix)	Residue On 1.18 mm Sieve	IS 2542 Part I: Sec 8
86	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plaster (Including Light Weight Premix)	Compressive Strength	IS 2542 Part I: Sec 5
87	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plaster (Including Light Weight Premix)	Dry Bulk Density	IS 2542 Part I: Sec 12
88	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plaster (Including Light Weight Premix)	Dry Set Density	IS 2542 Part I: Sec 5
89	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plaster (Including Light Weight Premix)	Normal Consistency Of Gypsum Plaster	IS 2542 Part I: Sec 1
90	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plaster (Including Light Weight Premix)	Setting Time (Initial)	IS 2542 Part I: Sec 3
91	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plaster (Including Light Weight Premix)	Soundness	IS 2542 Part I: Sec 6

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92	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plaster (Including Light Weight Premix)	Transverse Strength	IS 2542 Part I: Sec 4
93	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516 Part 1: Sec 1
94	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Density of Hardened Concrete	IS 516 Part II: Sec 1
95	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Depth Of Water Penetration Under Pressure	BS EN 12390 Part VIII
96	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Depth Of Water Penetration Under Pressure	DIN 1048
97	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Depth Of water Penetration Under Pressure	IS 516 Part II: Sec 1
98	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Drying Shrinkage	IS 516 : Part VI
99	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	E-Value Of Concrete	ASTM C469
100	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	E-Value Of Concrete	IS 516 : Part VIII : Sec 1
101	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Flexural Strength	IS 516 Part 1 : Sec 1
102	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Initial Surface water Absorption Test	BS 1881 Part 208
103	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Initial Surface water Absorption Test	IS 516 Part II: Sec 2
104	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Length change of Hydraulic-Cement mortars exposed to a sulfate solution	ASTM C1012
105	MECHANICAL- BUILDINGS MATERIALS	Hardened concrete	Measurement Of Rate Of Absorption Of Water By Hydraulic cement Concretes	ASTM C1585
106	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Split Tensile Strength	IS 516 Part 1 : Sec 1
107	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water Absorption Test	BS 1881 Part 122
108	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Block	Water Absorption	IS 2185 Part I
109	MECHANICAL- BUILDINGS MATERIALS	Hollow/ Solid / Lightweight Concrete Block	Water Absorption	IS 2185 Part II

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110	MECHANICAL- BUILDINGS MATERIALS	Hollow/ Solid Concrete Block	Drying Shrinkage & Moisture Movement	IS 2185 Part I
111	MECHANICAL- BUILDINGS MATERIALS	Hollow/ Solid Concrete Blocks	Block Density	IS 2185 Part I
112	MECHANICAL- BUILDINGS MATERIALS	Hollow/ Solid Concrete Blocks	Compressive Strength	IS 2185 Part I
113	MECHANICAL- BUILDINGS MATERIALS	Hollow/ Solid Concrete Blocks	Dimension (Height)	IS 2185 Part I
114	MECHANICAL- BUILDINGS MATERIALS	Hollow/ Solid Concrete Blocks	Dimension (Length)	IS 2185 Part I
115	MECHANICAL- BUILDINGS MATERIALS	Hollow/ Solid Concrete Blocks	Dimension (Width)	IS 2185 Part I
116	MECHANICAL- BUILDINGS MATERIALS	Hollow/ Solid Lightweight Concrete Block	Block Density	IS 2185 Part II
117	MECHANICAL- BUILDINGS MATERIALS	Hollow/ Solid Lightweight Concrete Block	Compressive Strength	IS 2185 Part II
118	MECHANICAL- BUILDINGS MATERIALS	Hollow/ Solid Lightweight Concrete Block	Dimension (Height)	IS 2185 Part II
119	MECHANICAL- BUILDINGS MATERIALS	Hollow/ Solid Lightweight Concrete Block	Dimension (Length)	IS 2185 Part II
120	MECHANICAL- BUILDINGS MATERIALS	Hollow/ Solid Lightweight Concrete Block	Dimension (Width)	IS 2185 Part II
121	MECHANICAL- BUILDINGS MATERIALS	Hollow/ Solid Lightweight Concrete Block	Drying Shrinkage & Moisture Movement	IS 2185 Part II
122	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Binder Mortar/ Grout	Adhesive Strength Of Hardened Rendering And Plastering Mortars On Substrates	BS EN 1015 Part XII
123	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Binder Mortar/ Grout	Bond Strength Of Epoxy Resin Systems Used With Concrete By Slant Shear	ASTM C882M
124	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Binder Mortar/ Grout	Compressive Strength	BS EN 1015 Part XI
125	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Binder Mortar/ Grout	Compressive Strength	IS 4031 Part VIII
126	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Binder Mortar/ Grout	Compressive strength of Hydraulic cement mortar	ASTM C 109
127	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Binder Mortar/ Grout	Consistency of fresh mortar (By flow table)	BS EN 1015 Part VI

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128	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Binder Mortar/ Grout	Density Of Fresh Mortar	BS EN 1015 Part VI
129	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Binder Mortar/ Grout	Determination Of Fluidity Of Grout Slurry Marsh Cone	ASTM D6910
130	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Binder Mortar/ Grout	Flexural Strength	BS EN 1015 Part XI
131	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Binder Mortar/ Grout	Flexural Strength	IS 4031 Part 8
132	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Binder Mortar/ Grout	Flexural strength of Hydraulic cement mortar	ASTM C 348
133	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Binder Mortar/ Grout	Sand column Injection Test In Wet & Dry Atmosphere	NF P 18-891
134	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Binder Mortar/ Grout	Setting Time Of Hydraulic Cement Mortar By Modified Vicat Needle	ASTM C807
135	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Binder Mortar/ Grout	Thin Bed Mortar For Autoclave Aerated Cocrete Masonry	ASTM C1660-10
136	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Binder Mortar/ Grout	Water Absorption Coefficient Due To Capillary Action Of Hardened Mortar	BS EN 1015 Part 18
137	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Binder Mortar/ Grout	Workable Life Of Fresh Mortar	BS 1015 Part IX
138	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Binder Mortar/Grout	Water Retentivity Of Masonary Moartar	IS 2250-1981 appendix C
139	MECHANICAL- BUILDINGS MATERIALS	Metakaoline	Compressive Strength at 7 days as percent of control	IS 16354
140	MECHANICAL- BUILDINGS MATERIALS	Metakaoline	Retention on 45 micron	IS 1727
141	MECHANICAL- BUILDINGS MATERIALS	Microfine Cement	Bleeding	IS 16993
142	MECHANICAL- BUILDINGS MATERIALS	Microfine Cement	Compressive Strength	IS 16993
143	MECHANICAL- BUILDINGS MATERIALS	Microfine Cement	Marsh Cone flow	IS 14343
144	MECHANICAL- BUILDINGS MATERIALS	Microfine Cement	Setting Time	IS 16993
145	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658

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146	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Breaking Load	IS 15658
147	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Flexural Strength	IS 15658
148	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Split Tensile Strength	IS 15658
149	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Water Absorption	IS 15658
150	MECHANICAL- BUILDINGS MATERIALS	Silica Fumes	Activity Index	ASTM C1240
151	MECHANICAL- BUILDINGS MATERIALS	Silica Fumes	Particles Retained on 45 Microns	IS 1727
152	MECHANICAL- BUILDINGS MATERIALS	Silicafumes	Compressive strength at 7 days as percent of control sample	IS 15388
153	MECHANICAL- BUILDINGS MATERIALS	Spacers For Steel Reinforcement To RCC	Load Deflection Test	BS 7973 Part I
154	MECHANICAL- BUILDINGS MATERIALS	Ultrafine ground granulated blast furnace slag	Moisture Content	IS 16715
155	MECHANICAL- BUILDINGS MATERIALS	Ultrafine ground granulated blast furnace slag	Slag Activity Index	IS 16715
156	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete / NDT	Surface resistivity indication of Concrete's ability to resist Chloride Ion Penetration	AASHTO 358
157	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete/NDT	Bulk electrical conductivity of hardened concrete	ASTM C1876
158	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Carbonation Depth	BS EN 14630
159	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Carbonation depth	IS 516 : Part 5 : Sec 3
160	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Cover Thickness	BS 1881-204 Amend No.:1

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161	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Crack Depth Measurement-UPV Method	IS 516 Part V: Sec 1
162	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Half cell Potential reading	IS 516 : Part 5 : Sec 2
163	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Half Cell Potential Reading (mV)	ASTM C876
164	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer	IS 516 : Part 5 : Sec 4
165	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse Velocity	IS 516 (Part 5 : Sec 1)