National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ISO-LABS, NO.22, GROUND AND 2ND FLOOR, 13TH CROSS, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9906 **Page No** 1 of 8

Validity 27/09/2021 to 26/09/2023 **Last Amended on** 20/02/2023

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	Acid Resistant Bricks	Acid Resistance	IS 4860
2	CHEMICAL- BUILDING MATERIAL	Acid Resistant Tiles	Resistance to chemicals [1) Resistance to low concentrations of acids and alkalies 2) Resistance to high concentrations of acids and alkalies 3) Resistance to household chemicals and swimming pool salts	IS 4457 (Annex F)
3	CHEMICAL- BUILDING MATERIAL	Acid Resistant Tiles	Resistance to concentrated (Nitric acid) HN03and (Sulphuric acid) H2SO4 (Acid Resistance)	IS 4457 (Annex G)
4	CHEMICAL- BUILDING MATERIAL	Building Lime	Alumina (Al2O3)	IS 6932 (Part 1, Clause 7.5)
5	CHEMICAL- BUILDING MATERIAL	Building Lime	Ca(OH)2	IS 6932 (Part 1)
6	CHEMICAL- BUILDING MATERIAL	Building Lime	CaCO3	IS 2333
7	CHEMICAL- BUILDING MATERIAL	Building Lime	CaO Content	IS 6932 (Part 1, Clause 8.3)
8	CHEMICAL- BUILDING MATERIAL	Building Lime	Insoluble residue	IS 6932 (Part 1, Clause 3)
9	CHEMICAL- BUILDING MATERIAL	Building Lime	Iron Oxide (Fe2O3)	IS 6932 (Part 1, Clause 7.4)
10	CHEMICAL- BUILDING MATERIAL	Building Lime	Loss on Ignition	IS 6932 (Part 1, Clause 4)
11	CHEMICAL- BUILDING MATERIAL	Building Lime	MgO Content	IS 6932 (Part 1, Clause 9.4)
12	CHEMICAL- BUILDING MATERIAL	Building Lime	Silica Content (SiO2)	IS 6932 (Part 1, Clause 6)
13	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Calcium Oxide (CaO) Content	IS 4032 (Clause 4.7.2)
14	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Alkalies- Potassium oxide(K2O)	IS 4032 (Clause 4.11)
15	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Alkalies- Sodium oxide (Na2O)	IS 4032 (Clause 4.11)

SCOPE OF ACCREDITATION

Laboratory Name :	ISO-LABS, NO.22, GROUND AND 2ND FLOOR, 13TH CROSS, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9906	**Page No**	2 of 8
Validity	27/09/2021 to 26/09/2023	**Last Amended on**	20/02/2023

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
16	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Aluminium Oxide (Al2O3)	IS 4032 (Clause 4.6.2)
17	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Chloride (Cl)	IS 4032, Amnd. 2
18	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Insoluble Residue	IS 4032 (Clause 4.10)
19	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Iron Oxide (Fe2O3)	IS 4032 (Clause 4.5.2)
20	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Loss on Ignition	IS 4032 (Clause 4.2)
21	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Magnesia (MgO)	IS 4032 (Clause 4.8.2)
22	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Silica Content (SiO2)	IS 4032 (Clause 4.3)
23	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Sulphuric Anhydride (SO3)	IS 4032 (Clause 4.9)
24	CHEMICAL- BUILDING MATERIAL	Ceramic Tiles (Glazed)	Chemical Resistance	IS 13630 (Part 8)
25	CHEMICAL- BUILDING MATERIAL	Ceramic Tiles (Unglazed)	Chemical Resistance	IS 13630 (Part 7)
26	CHEMICAL- BUILDING MATERIAL	Chemical Admixture	Ash Content	IS 9103 (Annex E2, Clause 10.1)
27	CHEMICAL- BUILDING MATERIAL	Chemical Admixture	Chloride Content	IS 6925 (Clause 3)
28	CHEMICAL- BUILDING MATERIAL	Chemical Admixture	Dry Material Content	IS 9103 (Annex E1, Clause 10.1)
29	CHEMICAL- BUILDING MATERIAL	Chemical Admixture	pH	IS 9103 (Annex E5, Clause 10.1)
30	CHEMICAL- BUILDING MATERIAL	Chemical Admixture	Relative density	IS 9103 (Annex E3, Clause 10.1)
31	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Alkali aggregate Reactivity-Dissolved Silica	IS 2386 (Part 7)
32	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Chloride (Cl)	IS 4032, Amnd. 2
33	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Sulphate (SO3)	IS 4032

SCOPE OF ACCREDITATION

Laboratory Name :	ISO-LABS, NO.22, GROUND AND 2ND FLOOR, 13TH CROSS, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9906	**Page No**	3 of 8
Validity	27/09/2021 to 26/09/2023	**Last Amended on**	20/02/2023

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
34	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Alkali aggregate Reactivity-Reduction in Alkalinity (Chemical)	IS 2386 (Part 7)
35	CHEMICAL- BUILDING MATERIAL	Concrete / Mortar	Chloride	IS 14959 (Part 2)
36	CHEMICAL- BUILDING MATERIAL	Concrete / Mortar	Sulphuric Anhydride (SO3)	BS 1881 (Part 124)
37	CHEMICAL- BUILDING MATERIAL	Concrete Coating Products	Effect of Household Chemicals on Clear and Pigmented Organic Finishes	ASTM D1308
38	CHEMICAL- BUILDING MATERIAL	Concrete Sample	Electrical indication of concrete's ability to resist chloride ion penetration (Rapid Chloride Permeability Test)	ASTM C1202
39	CHEMICAL- BUILDING MATERIAL	Corrosion Inhibiting Admixture	Accelerated corrosion test	JIS Z 1535
40	CHEMICAL- BUILDING MATERIAL	Corrosion Inhibiting Admixture	1% pH Value	IS 9103 (Annex E5)
41	CHEMICAL- BUILDING MATERIAL	Curing Compound	Non-Volatile Organic Compound	ASTM D2369
42	CHEMICAL- BUILDING MATERIAL	Curing Compound	Relative density	ASTM C494
43	CHEMICAL- BUILDING MATERIAL	Curing Compound	Volatile Organic Compound	ASTM D2369
44	CHEMICAL- BUILDING MATERIAL	Filtration Media -Sand & gravel	Loss on Ignition	IS 8419 (Part 1, Appendix C, Clause 3.1.4)
45	CHEMICAL- BUILDING MATERIAL	Filtration Media-Sand & gravel	Acid Solubility	IS 8419 (Part 1, Appendix B, Clause 3.1.3 & 4.1.3)
46	CHEMICAL- BUILDING MATERIAL	Filtration media-sand & gravel	Determining Impurities, such as Clay, Loam, Silt , etc.	IS 8419 (Part 1)
47	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Alkali aggregate Reactivity ii) Dissolved Silica	IS 2386 (Part 7)
48	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Alkali aggregate Reactivity-Reduction in Alkalinity (Chemical)	IS 2386 (Part 7)
49	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Chloride (Cl)	IS 4032
50	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Organic Impurities	IS 2386 (Part 5)

SCOPE OF ACCREDITATION

Laboratory Name : ISO-LABS, NO.22, GROUND AND 2ND FLOOR, 13TH CROSS, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9906 **Page No** 4 of 8

Validity 27/09/2021 to 26/09/2023 **Last Amended on** 20/02/2023

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
51	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Sulphate (SO3)	IS 4032
52	CHEMICAL- BUILDING MATERIAL	Fly ash (PFA)	Available Alkalies	IS 3812 (Part 1)
53	CHEMICAL- BUILDING MATERIAL	Fly ash (PFA)	Loss on Ignition	IS 1727 (Clause 5.3)
54	CHEMICAL- BUILDING MATERIAL	Fly ash (PFA)	Moisture content	IS 3812 (Part 1, Annex D, Clause 6.2)
55	CHEMICAL- BUILDING MATERIAL	Fly ash (PFA)	Silica Content (SiO2)	IS 1727 (Clause 5.4)
56	CHEMICAL- BUILDING MATERIAL	Fly Ash (PFA)	Sulphuric Anhydride (SO3)	IS 1727 (Clause 5.10)
57	CHEMICAL- BUILDING MATERIAL	Fly Ash(PFA)	Chloride	IS 4032, Amnd. 2
58	CHEMICAL- BUILDING MATERIAL	Ground Granulated blast furnace Slag/Ultra Fine Ground Granulated blast furnace Slag	Alumina (Al2O3)	IS 4032 (Clause 4.6.2)
59	CHEMICAL- BUILDING MATERIAL	Ground Granulated blast furnace Slag/Ultra Fine Ground Granulated blast furnace Slag	Chloride (Cl-)	IS 4032, Amnd. 2
60	CHEMICAL- BUILDING MATERIAL	Ground Granulated blast furnace Slag/Ultra Fine Ground Granulated blast furnace Slag	Insoluble residue	IS 4032 (Clause 4.10)
61	CHEMICAL- BUILDING MATERIAL	Ground Granulated blast furnace Slag/Ultra Fine Ground Granulated blast furnace Slag	Iron oxide (Fe2O3)	IS 4032 (Clause 4.5.2)
62	CHEMICAL- BUILDING MATERIAL	Ground Granulated blast furnace Slag/Ultra Fine Ground Granulated blast furnace Slag	Lime (CaO)	IS 4032 (Clause 4.7.2)
63	CHEMICAL- BUILDING MATERIAL	Ground Granulated blast furnace Slag/Ultra Fine Ground Granulated blast furnace Slag	Loss/Gain on Ignition	IS 4032 (Clause 4.2)
64	CHEMICAL- BUILDING MATERIAL	Ground Granulated blast furnace Slag/Ultra Fine Ground Granulated blast furnace Slag	Magnesia (MgO)	IS 4032 (Clause 4.8.2)
65	CHEMICAL- BUILDING MATERIAL	Ground Granulated blast furnace Slag/Ultra Fine Ground Granulated blast furnace Slag	Moisture content	IS 16714 (Annex B, Clause 5.2)
66	CHEMICAL- BUILDING MATERIAL	Ground Granulated blast furnace Slag/Ultra Fine Ground Granulated blast furnace Slag	Silica Content (SiO2)	IS 4032 (Clause 4.3)
67	CHEMICAL- BUILDING MATERIAL	Ground Granulated blast furnace Slag/Ultra Fine Ground Granulated blast furnace Slag	Sulphate (as SO3)	IS 4032 (Clause 4.9)
68	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Free Lime Content	IS 2547 (Part 1, Appendix C)
69	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Loss on Ignition	IS 2547 (Part 1, Appendix B)

SCOPE OF ACCREDITATION

Laboratory Name : ISO-LABS, NO.22, GROUND AND 2ND FLOOR, 13TH CROSS, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9906 **Page No** 5 of 8

Validity 27/09/2021 to 26/09/2023 **Last Amended on** 20/02/2023

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
70	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Soluble Magnesium as MgO	IS 2547 (Part 2, Appendix A)
71	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Soluble Salts as Sodium oxide (Na2O)	IS 2547 (Appendix A)
72	CHEMICAL- BUILDING MATERIAL	High Alumina Cement	Aluminium Oxide (Al2O3)	IS 4032 (Clause 4.6.2)
73	CHEMICAL- BUILDING MATERIAL	High Alumina Cement	Iron Oxide (Fe2O3)	IS 4032 (Clause 4.5.2)
74	CHEMICAL- BUILDING MATERIAL	LD/Steel/Copper Slag Aggregate	Calcium Oxide	IS 4032 (Clause 4.7.2)
75	CHEMICAL- BUILDING MATERIAL	LD/Steel/Copper Slag Aggregate	Iron unsoundness	IS 383 (Annex D, Claus 5.5.2 (a))
76	CHEMICAL- BUILDING MATERIAL	LD/Steel/Copper Slag Aggregate	Magnesium Oxide	IS 4032 (Clause 4.8.2)
77	CHEMICAL- BUILDING MATERIAL	LD/Steel/Copper Slag Aggregate	Sulphuric Anhydride (SO3)	IS 4032 (Clause 4.9)
78	CHEMICAL- BUILDING MATERIAL	Mineral Gypsum	Calcium Sulphate dihydrate (CaSO4.2H2O)	IS 1288 (Clause 12)
79	CHEMICAL- BUILDING MATERIAL	Mineral Gypsum	Combined Water	IS 1288 (Clause 6)
80	CHEMICAL- BUILDING MATERIAL	Mineral Gypsum	Free Water	IS 1288 (Clause 4)
81	CHEMICAL- BUILDING MATERIAL	Mineral Gypsum	Iron and Aluminium Oxides	IS 1288 (Clause 9)
82	CHEMICAL- BUILDING MATERIAL	Mineral Gypsum	Magnesium Oxide	IS 1288 (Clause 11.2)
83	CHEMICAL- BUILDING MATERIAL	Mineral Gypsum	Silica and Acid Insolubles	IS 1288 (Clause 8)
84	CHEMICAL- BUILDING MATERIAL	Mineral Gypsum	Sodium Chloride (NaCl)	IS 1288 (Clause 14)
85	CHEMICAL- BUILDING MATERIAL	Mineral Gypsum /Gypsum Plaster	Calcium Oxide	IS 1288 (Clause 10.2)
86	CHEMICAL- BUILDING MATERIAL	Mineral Gypsum /Gypsum Plaster	Sulphuric Anhydride (SO3)	IS 1288 (Clause 12)
87	CHEMICAL- BUILDING MATERIAL	OPC/ PPC/ PSC/ SRPC/ White Cement	Loss on Ignition	IS 4032 (Clause 4.2)
88	CHEMICAL- BUILDING MATERIAL	OPC/ PSC/ SRPC	Ferric Oxide (Fe2O3)	IS 4032 (Clause 4.5.2)

SCOPE OF ACCREDITATION

Laboratory Name :	ISO-LABS, NO.22, GROUND AND 2ND FLOOR, 13TH CROSS, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9906	**Page No**	6 of 8
Validity	27/09/2021 to 26/09/2023	**Last Amended on**	20/02/2023

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
89	CHEMICAL- BUILDING MATERIAL	OPC/PPC/PSC/ SRPC/White Cement	Alkalies Sodium oxide (Na2O)	IS 4032
90	CHEMICAL- BUILDING MATERIAL	OPC/PPC/PSC/ SRPC/White Cement	. Alkalies Potassium oxide (K2O)	IS 4032
91	CHEMICAL- BUILDING MATERIAL	OPC/PPC/PSC/ SRPC/White Cement	Chloride	IS 4032, Amnd. 2
92	CHEMICAL- BUILDING MATERIAL	OPC/PPC/PSC/ SRPC/White Cement	Sulphuric Anhydride (SO3)	IS 4032 (Clause 4.9)
93	CHEMICAL- BUILDING MATERIAL	OPC/PSC/ SRPC/White Cement	Silica Content (as SiO2)	IS 4032 (Clause 4.3)
94	CHEMICAL- BUILDING MATERIAL	OPC/PSC/SRPC/White Cement	Aluminium Oxide (Al2O3)	IS 4032 (Clause 4.6.2)
95	CHEMICAL- BUILDING MATERIAL	OPC/PSC/SRPC/White Cement	Insoluble Residue	IS 4032 (Clause 4.10)
96	CHEMICAL- BUILDING MATERIAL	OPC/PSC/SRPC/White Cement	Magnesia (MgO)	IS 4032 (Clause 4.8.2)
97	CHEMICAL- BUILDING MATERIAL	OPC/SRPC/White Cement	CaO content	IS 4032 (Clause 4.7.2)
98	CHEMICAL- BUILDING MATERIAL	PPC	Insoluble Residue	IS 4032
99	CHEMICAL- BUILDING MATERIAL	PPC	Magnesia (MgO)	IS 4032 (Clause 7.2)
100	CHEMICAL- BUILDING MATERIAL	PSC	CaO content	IS 4032 (Clause 6.7.2)
101	CHEMICAL- BUILDING MATERIAL	Quick Lime & Hydrated Lime	Alumina (Al2O3)	IS 6932 (Clause 7.5)
102	CHEMICAL- BUILDING MATERIAL	Quick Lime & Hydrated Lime	Iron Oxide (Fe2O3)	IS 1514 (Clause 11)
103	CHEMICAL- BUILDING MATERIAL	Quick Lime & Hydrated Lime	Loss on Ignition	IS 1514 (Clause 8.2)
104	CHEMICAL- BUILDING MATERIAL	Quick Lime & Hydrated Lime	MgO Content	IS 1514 (Clause 13.2)
105	CHEMICAL- BUILDING MATERIAL	Quick Lime & Hydrated Lime	Moisture Content	IS 1514 (Clause 18)
106	CHEMICAL- BUILDING MATERIAL	Quick Lime & Hydrated Lime	Silica Content (SiO2)	IS 6932 (Part 1, Clause 6)
107	CHEMICAL- BUILDING MATERIAL	Quick Lime & Hydrated Lime	Sulphate as SO4	IS 1514 (Clause 14)

SCOPE OF ACCREDITATION

Laboratory Name :	ISO-LABS, NO.22, GROUND AND 2ND FLOOR, 13TH CROSS, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9906	**Page No**	7 of 8
Validity	27/09/2021 to 26/09/2023	**Last Amended on**	20/02/2023

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
108	CHEMICAL- BUILDING MATERIAL	Quick Lime & Hydrated Lime	Total Calcium Oxide (CaO) Content	IS 1514 (Clause 12)
109	CHEMICAL- BUILDING MATERIAL	Road Marking Paints	pH	IS 101 (Part 1, Section 8)
110	CHEMICAL- BUILDING MATERIAL	Road Marking Paints	Volatile matter	IS 101 (Part 2, Section 2)
111	CHEMICAL- BUILDING MATERIAL	Silica Fume/ Micro Silica	Loss on ignition	IS 1727 (Clause 5.3)
112	CHEMICAL- BUILDING MATERIAL	Silica Fume/ Micro Silica	Moisture content	IS 15388
113	CHEMICAL- BUILDING MATERIAL	Silica Fume/ Micro Silica	Silica Content (SiO2)	IS 1727 (Clause 5.4)
114	CHEMICAL- BUILDING MATERIAL	Water Proofing Compound	Chloride	IS 6925 (Clause 3.4)
115	CHEMICAL- BUILDING MATERIAL	Water Proofing Compound	pH	IS 9103 (Annex E5, Clause 10.1)
116	CHEMICAL- BUILDING MATERIAL	White Cement	Ferric Oxide (Fe2O3)	IS 4032 (Clause 4.5.2)
117	CHEMICAL- SOIL AND ROCK	Bentonite	Gel formation index	IS 6186 (Appendix A4, Clause 4.2 & Table 1 & 2)
118	CHEMICAL- SOIL AND ROCK	Bentonite	Loss on Ignition	IS 6186 (Appendix A10, Clause 4.2 & Table 1 & 2)
119	CHEMICAL- SOIL AND ROCK	Bentonite	Matter Soluble in Water	IS 6186 (Appendix A11, Clause 4.2 & Table 1 & 2)
120	CHEMICAL- SOIL AND ROCK	Bentonite	Moisture	IS 6186 (Appendix A2, Clause 4.2 & Table 1 & 2)
121	CHEMICAL- SOIL AND ROCK	Bentonite	pH value	IS 6186 (Appendix A3, Clause 4.2 & Table 1 & 2)
122	CHEMICAL- SOIL AND ROCK	Soil	Chloride	California Test 422 April 2000
123	CHEMICAL- SOIL AND ROCK	Soil	Determination of calcium carbonate	IS 2720 (Part 23)
124	CHEMICAL- SOIL AND ROCK	Soil	Determination of Total Soluble Solids	IS 2720 (Part 21)
125	CHEMICAL- SOIL AND ROCK	Soil	Organic matter content	IS 2720 (Part 22)
126	CHEMICAL- SOIL AND ROCK	Soil	pH value	IS 2720 (Part 26)

SCOPE OF ACCREDITATION

Laboratory Name :	ISO-LABS, NO.22, GROUND AND 2ND FLOOR, 13TH CROSS, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9906	**Page No**	8 of 8
Validity	27/09/2021 to 26/09/2023	**Last Amended on**	20/02/2023

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
127	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Sulphate	IS 2720 (Part 27)
128	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solids	IS 3025 (Part 17)
129	CHEMICAL- WATER	Water for construction purpose	Acidity (To neutralize 100 mL of water, 0.02N NaOH required)	IS 456 (Clause 5.4,a)
130	CHEMICAL- WATER	Water for construction purpose	Alkalinity (To neutralize 100 mL water, 0.02N H_2SO_4 required)	IS 456 (Clause 5.4,b)
131	CHEMICAL- WATER	Water for construction purpose	Chloride content as Cl^-	IS 3025 (Part 32, Section 2)
132	CHEMICAL- WATER	Water for construction purpose	Hardness of $CaCO_3$	IS 3025 (Part 21)
133	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids (Fixed Residue)	IS 3025 (Part 18)
134	CHEMICAL- WATER	Water for construction purpose	Organic Solids (Volatile Residue)	IS 3025 (Part 18)
135	CHEMICAL- WATER	Water for construction purpose	pH value	IS 3025 (Part 11)
136	CHEMICAL- WATER	Water for construction purpose	Sulphate content	IS 3025 (Part 24, Section 2)
137	CHEMICAL- WATER	Water for construction purpose	Total Dissolved Solids	IS 3025 (Part 16)