



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

FALCON INDUSTRIAL TESTING LABORATORY PRIVATE LIMITED, PLOT NO.1, DR.ABDULKALAM ROAD, VANDALUR-KELAMBAKKAM MAIN ROAD, PUDHUPAKKAM, KELAMBAKKAM, TAMIL NADU, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

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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 Testing				
1	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Agar Settle Plate	Bacterial Count	APHA- 5th Edition Chapter 3
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Agar Settle Plate	Coliform	APHA- 5th Edition Chapter 3
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Agar Settle Plate	Yeast and Mould	APHA- 5th Edition Chapter 3
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab Test Environmental Air (Clean room& Non clean room)	E.coli	APHA- 5th Edition Chapter 3
5	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab Test Environmental Air(Clean room& Non clean room)	Coliform	APHA- 5th Edition Chapter 3
6	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab Test Environmental Air(Clean room& Non clean room)	Coliform	ISO 18593/ISO 4832
7	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab Test Environmental Air(Clean room& Non clean room)	E.coli	ISO 18593/IS 5887(Part-I)
8	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab Test Environmental Air(Clean room& Non clean room)	Total Plate Count	APHA- 5th Edition Chapter 3
9	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab Test Environmental Air(Clean room& Non clean room)	Total Plate Count	ISO 18593/ISO 4833(Part-I)
10	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab Test Environmental Air(Clean room& Non clean room)	Yeast and Mould	APHA- 5th Edition Chapter 3
11	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab Test Environmental Air(Clean room& Non clean room)	Yeast and Mould	ISO 18593 / IS 5403



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12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Bacillus cereus	IS 5887(Part 6)
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Clostridium	IS 5887(Part 4)
14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	E.coli	USFDA (CHAPTER 4) (BAM) 8thEdition
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	E.coli by CFU Method	IS 5887 (Part 1)
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	E.coli by Qualitative Method	IS 5887 (Part 1)
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Enterobacteriaceae	IS 17112 (Part 2)
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Listeria monocytogenes	IS 14988 (Part 1)
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Salmonella	IS 5887(Part 3)
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Shigella	IS 5887(Part 7)
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Staphylococcus aureus	IS 5887 (Part 8/Sec 1)
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Sulfite Reducing Bacteria	ISO 15213-1
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Total coliform	IS 5401 (Part 2)



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24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Total Coliform	USFDA (CHAPTER 4) (BAM) 8th Edition
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Total Coliform by CFU Method	IS 5401(Part 1)
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Total Plate Count / Aerobic Plate Count	IS 5402
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Total Plate Count / Aerobic Plate Count	USFDA (CHAPTER 3) (BAM) 8th Edition
28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Vibrio cholerae	IS 5887(Part 5)
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Yeast and Mould	IS 5403
30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Yeast and Mould	USFDA (CHAPTER 18) (BAM) 8th Edition
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Bacillus cereus	IS 5887(Part 6)
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Clostridium	IS 5887(Part 4)
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit products	E.coli	USFDA (CHAPTER 4) (BAM) 8th Edition
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit products	E.coli by CFU Method	IS 5887 (Part 1)
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit products	E.coli by Qualitative Method	IS 5887 (Part 1)



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36	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Enterobacteriaceae	IS 17112 (Part 2)
37	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Listeria monocytogenes	IS 14988 (Part 1) Qualitative Method
38	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Sulfite Reducing Bacteria	ISO 15213-1
39	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit products	E.coli	USFDA (CHAPTER 4) (BAM) 8th Edition
40	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit products	Salmonella	IS 5887(Part 3)
41	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit products	Shigella	IS 5887(Part 7)
42	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit products	Staphylococcus aureus	IS 5887(Part 8) Sec 1
43	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit products	Total Coliform	IS 5401 (Part 2)
44	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit products	Total Coliform	USFDA (BAM) (Chapter 4) 8th Edition
45	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit products	Total Coliform by CFU Method	IS 5401(Part 1)
46	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit products	Total Coliform by Qualitative Method	USFDA (BAM) 8th Edition
47	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit products	Total Plate Count / Aerobic Plate Count	IS 5402



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48	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit products	Total Plate Count / Aerobic Plate Count	USFDA (BAM) 8th Edition
49	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit products	Vibrio cholerae	IS 5887(Part 5)
50	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit products	Yeast and Mould	IS 5403
51	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit products	Yeast and Mould	USFDA (BAM) 8th Edition
52	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Bacillus cereus	IS 5887(Part 6)
53	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Clostridium	IS 5887(Part 4)
54	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy products	E.coli	IS 5887 (Part 1)
55	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy products	E.coli	USFDA (BAM) 8th Edition
56	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Enterobacteriaceae	IS 17112 (Part 2)
57	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Listeria monocytogenes	IS 14988 (Part 1)
58	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy products	Salmonella	IS 5887 (Part 3)
59	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy products	Shigella	IS 5887(Part 7)



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60	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy products	Staphylococcus aureus	IS 5887 (Part 8/ Sec 1)
61	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Sulfite Reducing Bacteria	ISO 15213-1
62	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy products	Total Coliform	IS 5401(Part 1)
63	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy products	Total Coliform	USFDA (BAM) (Chapter 4) 8th Edition
64	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy products	Total Plate Count / Aerobic Plate Count	IS 5402
65	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy products	Total Plate Count / Aerobic Plate Count	USFDA (BAM) (Chapter 3) 8th Edition
66	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy products	Vibrio cholerae	IS 5887(Part 5)
67	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy products	Yeast and Mould	IS 5403
68	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy products	Yeast and Mould	USFDA (BAM) (Chapter 18) 8th Edition
69	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified Food Items (Raw, Cooked and Ready to eat Foods-Hotel & Canteen Foods)	E.coli	IS 5887 (Part 1)
70	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified Food Items (Raw, Frozen, Cooked and Ready to Eat Foods-Hotel & Canteen Foods)	E.coli by CFU Method	IS 5887 (Part 1)
71	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified Food Items (Raw, Frozen, Cooked and Ready to Eat Foods-Hotel & Canteen Foods)	Enterobacteriaceae	IS 17112 (Part 2)



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72	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified Food Items (Raw, Frozen, Cooked and Ready to Eat Foods-Hotel & Canteen Foods)	Salmonella	IS 5887(Part 3)
73	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified Food Items (Raw, Frozen, Cooked and Ready to Eat Foods-Hotel & Canteen Foods)	Shigella	IS 5887(Part 7)
74	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified Food Items (Raw, Frozen, Cooked and Ready to Eat Foods-Hotel & Canteen Foods)	Staphylococcus aureus	IS 5887(Part 8) Sec 1
75	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified Food Items (Raw, Frozen, Cooked and Ready to Eat Foods-Hotel & Canteen Foods)	Total Coliform	IS 5401(Part 1)
76	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified Food Items (Raw, Frozen, Cooked and Ready to Eat Foods-Hotel & Canteen Foods)	Total Coliform	USFDA (CHAPTER 4) (BAM) 8th Edition
77	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified Food Items (Raw, Frozen, Cooked and Ready to Eat Foods-Hotel & Canteen Foods)	Total Coliform by CFU Method	USFDA (CHAPTER 4) (BAM) 8th Edition
78	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified Food Items (Raw, Frozen, Cooked and Ready to Eat Foods-Hotel & Canteen Foods)	Total Plate Count / Aerobic Plate Count	IS 5402
79	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified Food Items (Raw, Frozen, Cooked and Ready to Eat Foods-Hotel & Canteen Foods)	Total Plate Count / Aerobic Plate Count	USFDA(CHAPTER 4)(BAM) 8thEdition
80	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified Food Items (Raw, Frozen, Cooked and Ready to Eat Foods-Hotel & Canteen Foods)	Vibrio cholerae	IS 5887 (Part 5)
81	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified Food Items (Raw, Frozen, Cooked and Ready to Eat Foods-Hotel & Canteen Foods)	Yeast and Mould	IS 5403
82	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified Food Items (Raw, Frozen, Cooked and Ready to Eat Foods-Hotel & Canteen Foods)	Yeast and Mould	USFDA (CHAPTER 18) (BAM) 8th Edition
83	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified Food Items(Raw, Cooked and Ready to Eat Foods- Hotel & Canteen Foods)	Bacillus cereus	IS 5887(Part 6)



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84	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified Food Items(Raw, Cooked and Ready to Eat Foods- Hotel & Canteen Foods)	Clostridium	IS 5887(Part 4)
85	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified Food Items(Raw, Cooked and Ready to Eat Foods- Hotel & Canteen Foods)	Listeria monocytogenes	IS 14988(Part 1)
86	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified Food Items(Raw, Cooked and Ready to Eat Foods- Hotel & Canteen Foods)	Sulfite Reducing Bacteria	ISO 15213-1
87	BIOLOGICAL- WATER	Water (Ground Water/ Surface Water)	Total Coliform	IS 5401(Part 1)
88	BIOLOGICAL- WATER	Water(Ground Water/ Surface Water)	E.Coli	IS 1622
89	BIOLOGICAL- WATER	Water(Ground Water/ Surface Water)	E.Coli	IS 5887(Part 1)
90	BIOLOGICAL- WATER	Water(Ground Water/ Surface Water)	Total Coliform	IS 1622
91	BIOLOGICAL- WATER	Water(Ground Water/ Surface Water)	Total Coliform by Qualitative Method	IS 5401 (Part 2)
92	BIOLOGICAL- WATER	Water(Ground Water/ Surface Water)	Total Plate Count /Standard plate count	IS 1622
93	BIOLOGICAL- WATER	Water(Ground Water/ Surface Water)	Yeast and Mould	IS 5403
94	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia as NH ₃	IS 5182 (Part 25)
95	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Fine Particulate matter (Particle Size less than 2.5 µm), PM 2.5	IS 5182 (Part 24)
96	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Oxides as NO _x	IS 5182 (Part 6)
97	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone as O ₃	IS 5182 (Part 9)
98	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Respirable Particulate matter (Particle Size less than 10 µm), PM ₁₀	IS 5182 (Part 23)



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99	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide as SO ₂	IS 5182 (Part 2)
100	CHEMICAL-ATMOSPHERIC POLLUTION	Stack	Ammonia as NH ₃	IS 11255 (Part 6)
101	CHEMICAL-ATMOSPHERIC POLLUTION	Stack	Moisture Content	IS 11255 (Part 3)
102	CHEMICAL-ATMOSPHERIC POLLUTION	Stack	Nitrogen Di Oxide as NO ₂	IS 11255 (Part 7)
103	CHEMICAL-ATMOSPHERIC POLLUTION	Stack	Particulate Matter	IS 11255 (Part 1)
104	CHEMICAL-ATMOSPHERIC POLLUTION	Stack	Sulphur Di Oxide as SO ₂	IS 11255 (Part 2)
105	CHEMICAL-ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Formaldehyde	NIOSH 3500
106	CHEMICAL-ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Nitrogen Oxides as NO _x	IS 5182 (Part 6)
107	CHEMICAL-ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Relative Humidity	FITPL/CH/SOP-006(ISSUE NO: 01/00) ISSUE DATE: 05/11/2024
108	CHEMICAL-ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Respirable Particulate Matter	NIOSH 0600
109	CHEMICAL-ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Sulphur Dioxide as SO ₂	ASTM 2914 D
110	CHEMICAL-ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Total Aerosol Mass	NIOSH 0500



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111	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Insoluble Residue	IS 4032
112	CHEMICAL- BUILDING MATERIAL	Admixture	Alkalies - Potassium Oxide (K ₂ O)	SIST EN 480-12
113	CHEMICAL- BUILDING MATERIAL	Admixture	Alkalies - Sodium Oxide (Na ₂ O)	SIST EN 480-12
114	CHEMICAL- BUILDING MATERIAL	Admixture	Ash content	IS 9103
115	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride content	IS 6925
116	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
117	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
118	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
119	CHEMICAL- BUILDING MATERIAL	Aggregates, Coarse Aggregate, Crushed, Fine Aggregate, Natural	Organic Impurities	IS 2386 (Part 2)
120	CHEMICAL- BUILDING MATERIAL	Cement (OPC / SRC)	Alkalies - Potassium Oxide (K ₂ O)	IS 4032
121	CHEMICAL- BUILDING MATERIAL	Cement (OPC / SRC)	Alkalies - Sodium Oxide (Na ₂ O)	IS 4032
122	CHEMICAL- BUILDING MATERIAL	Cement (OPC / SRC)	CaO Content	IS 4032
123	CHEMICAL- BUILDING MATERIAL	Cement (OPC / SRC)	Chloride	IS 4032
124	CHEMICAL- BUILDING MATERIAL	Cement (OPC / SRC)	Combined Oxides (Al ₂ O ₃)	IS 4032
125	CHEMICAL- BUILDING MATERIAL	Cement (OPC / SRC)	Combined Oxides (Fe ₂ O ₃)	IS 4032
126	CHEMICAL- BUILDING MATERIAL	Cement (OPC / SRC)	Insoluble Residues	IS 4032



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127	CHEMICAL- BUILDING MATERIAL	Cement (OPC / SRC)	Loss on Ignition	IS 4032
128	CHEMICAL- BUILDING MATERIAL	Cement (OPC / SRC)	Magnesia (MgO)	IS 4032
129	CHEMICAL- BUILDING MATERIAL	Cement (OPC / SRC)	Silica Content	IS 4032
130	CHEMICAL- BUILDING MATERIAL	Cement (OPC / SRC)	Sulphuric Anhydride (SO ₃)	IS 4032
131	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Alkalies - Potassium Oxide (K ₂ O)	IS 4032
132	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Alkalies - Sodium Oxide (Na ₂ O)	IS 4032
133	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	CaO Content	IS 4032
134	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Chloride	IS 4032
135	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Combined Oxides (Al ₂ O ₃)	IS 4032
136	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Combined Oxides (Fe ₂ O ₃)	IS 4032
137	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Insoluble Residues	IS 4032
138	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Loss on Ignition	IS 4032
139	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Magnesia (MgO)	IS 4032
140	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Silica Content	IS 4032
141	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Sulphide Sulphur	IS 4032
142	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Sulphuric Anhydride (SO ₃)	IS 4032



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143	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Alkalies - Potassium Oxide (K ₂ O)	IS 4032
144	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Alkalies - Sodium Oxide (Na ₂ O)	IS 4032
145	CHEMICAL- BUILDING MATERIAL	Cement Clinker	CaO Content	IS 4032
146	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Chloride	IS 4032
147	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Combined Oxides (Al ₂ O ₃)	IS 4032
148	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Combined Oxides (Fe ₂ O ₃)	IS 4032
149	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Insoluble Residues	IS 4032
150	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Loss on Ignition	IS 4032
151	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Magnesia (MgO)	IS 4032
152	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Silica Content	IS 4032
153	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Sulphuric Anhydride (SO ₃)	IS 4032
154	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregates	Alkali Aggregate Reactivity (deduction in alkalinity)	IS 2386 (Part 7)
155	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregates	Alkali Aggregates reactivity (dissoved Silica)	IS 2386 (Part 7)
156	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregates	Organic Impurities	IS 2386 (Part 2)
157	CHEMICAL- BUILDING MATERIAL	Flyash	Potassium Oxide as (K ₂ O)	IS 4032
158	CHEMICAL- BUILDING MATERIAL	Flyash	Alumina (Al ₂ O ₃)	IS 1727



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159	CHEMICAL- BUILDING MATERIAL	Flyash	CaO Content	IS 1727
160	CHEMICAL- BUILDING MATERIAL	Flyash	Chloride	IS 4032
161	CHEMICAL- BUILDING MATERIAL	Flyash	Combined Ferric Oxide and Alumina	IS 1727
162	CHEMICAL- BUILDING MATERIAL	Flyash	Insoluble Residues	IS 3812 (Part 1)
163	CHEMICAL- BUILDING MATERIAL	Flyash	Iron Oxide (Fe ₂ O ₃)	IS 1727
164	CHEMICAL- BUILDING MATERIAL	Flyash	Loss on Ignition	IS 1727
165	CHEMICAL- BUILDING MATERIAL	Flyash	Magnesia (MgO)	IS 1727
166	CHEMICAL- BUILDING MATERIAL	Flyash	Reactive Silica	IS 3812 (Part 1)
167	CHEMICAL- BUILDING MATERIAL	Flyash	Silica Content (As SiO ₂)	IS 1727
168	CHEMICAL- BUILDING MATERIAL	Flyash	Sodium Oxide as (Na ₂ O)	IS 4032
169	CHEMICAL- BUILDING MATERIAL	Flyash	Sulphuric Anhydride (SO ₃)	IS 1727
170	CHEMICAL- BUILDING MATERIAL	GGBS	Alkalies - Potassium Oxide (K ₂ O)	IS 4032
171	CHEMICAL- BUILDING MATERIAL	GGBS	Alkalies - Sodium Oxide (Na ₂ O)	IS 4032
172	CHEMICAL- BUILDING MATERIAL	GGBS	Alumina (Al ₂ O ₃)	IS 4032
173	CHEMICAL- BUILDING MATERIAL	GGBS	Chloride	IS 4032
174	CHEMICAL- BUILDING MATERIAL	GGBS	Glass Content	IS 16714



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175	CHEMICAL- BUILDING MATERIAL	GGBS	Insoluble Residues	IS 4032
176	CHEMICAL- BUILDING MATERIAL	GGBS	Iron Oxide	IS 4032
177	CHEMICAL- BUILDING MATERIAL	GGBS	Lime - CaO Content	IS 4032
178	CHEMICAL- BUILDING MATERIAL	GGBS	Loss on Ignition	IS 4032
179	CHEMICAL- BUILDING MATERIAL	GGBS	Magnesia (MgO)	IS 4032
180	CHEMICAL- BUILDING MATERIAL	GGBS	Manganic oxide	IS 4032
181	CHEMICAL- BUILDING MATERIAL	GGBS	Moisture Content	IS 16714
182	CHEMICAL- BUILDING MATERIAL	GGBS	Silica Content (SiO ₂)	IS 4032
183	CHEMICAL- BUILDING MATERIAL	GGBS	Sulphide Sulphur	IS 4032
184	CHEMICAL- BUILDING MATERIAL	GGBS	Sulphuric Anhydride (SO ₃)	IS 4032
185	CHEMICAL- BUILDING MATERIAL	Granulated Slag for the Manufacture of Portland Slag cement	Magnesia (MgO)	IS 4032
186	CHEMICAL- BUILDING MATERIAL	Granulated Slag for the Manufacture of Portland Slag cement	Alumina (Al ₂ O ₃)	IS 4032
187	CHEMICAL- BUILDING MATERIAL	Granulated Slag for the Manufacture of Portland Slag cement	Ferric oxide (Fe ₂ O ₃)	IS 4032
188	CHEMICAL- BUILDING MATERIAL	Granulated Slag for the Manufacture of Portland Slag cement	Insoluble Residue	IS 4032
189	CHEMICAL- BUILDING MATERIAL	Granulated Slag for the Manufacture of Portland Slag cement	Lime as CaO	IS 4032
190	CHEMICAL- BUILDING MATERIAL	Granulated Slag for the Manufacture of Portland Slag cement	Silica content (As SiO ₂)	IS 4032



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191	CHEMICAL- BUILDING MATERIAL	Hardened Concrete / Mortar	Cement Content (OPC Cement)	IS 516 (Part 11)
192	CHEMICAL- BUILDING MATERIAL	Hardened Concrete / Mortar	Sulphuric Anhydride (SO ₃)	IS 4032
193	CHEMICAL- BUILDING MATERIAL	Micro Silica / Silica Fumes	Chloride	IS 4032
194	CHEMICAL- BUILDING MATERIAL	Micro Silica / Silica Fumes	Loss on Ignition	IS 1727
195	CHEMICAL- BUILDING MATERIAL	Micro Silica / Silica Fumes	Silica Content	IS 1727
196	CHEMICAL- BUILDING MATERIAL	Micro Silica / Silica Fumes	Sulphuric Anhydride (SO ₃)	IS 1727
197	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Chloride	IS 4032
198	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Loss on Ignition	IS 4032
199	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Magnesia (MgO)	IS 4032
200	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Sulfuric Anhydride (SO ₃)	IS 4032
201	CHEMICAL- BUILDING MATERIAL	UGGBS	Alkalies - Potassium Oxide (K ₂ O)	IS 4032
202	CHEMICAL- BUILDING MATERIAL	UGGBS	Alkalies - Sodium Oxide (Na ₂ O)	IS 4032
203	CHEMICAL- BUILDING MATERIAL	UGGBS	Alumina (Al ₂ O ₃)	IS 4032
204	CHEMICAL- BUILDING MATERIAL	UGGBS	Chloride	IS 4032
205	CHEMICAL- BUILDING MATERIAL	UGGBS	Glass Content	IS 16715
206	CHEMICAL- BUILDING MATERIAL	UGGBS	Insoluble Residues	IS 4032



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207	CHEMICAL- BUILDING MATERIAL	UGGBS	Iron Oxide	IS 4032
208	CHEMICAL- BUILDING MATERIAL	UGGBS	Lime - CaO Content	IS 4032
209	CHEMICAL- BUILDING MATERIAL	UGGBS	Loss on Ignition	IS 4032
210	CHEMICAL- BUILDING MATERIAL	UGGBS	Magnesia (MgO)	IS 4032
211	CHEMICAL- BUILDING MATERIAL	UGGBS	Manganic oxide	IS 4032
212	CHEMICAL- BUILDING MATERIAL	UGGBS	Moisture Content	IS 16715
213	CHEMICAL- BUILDING MATERIAL	UGGBS	Silica Content (SiO ₂)	IS 4032
214	CHEMICAL- BUILDING MATERIAL	UGGBS	Sulphide Sulphur	IS 4032
215	CHEMICAL- BUILDING MATERIAL	UGGBS	Sulphuric Anhydride (SO ₃)	IS 4032
216	CHEMICAL- BUILDING MATERIAL	Zircon Sand	Loss of Ignition	IS 10085
217	CHEMICAL- BUILDING MATERIAL	Zircon Sand	Silica(SiO ₂)	IS 10085
218	CHEMICAL- BUILDING MATERIAL	Zircon Sand	Zirconia (ZrO ₂)	IS 10085
219	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Acid insoluble ash	IS 12711
220	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Acidity of extracted fat	IS 12711
221	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Moisture	IS 12711



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222	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	pH of aqueous extract	IS 12711
223	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Protein	FSSAI Manual of Methods of Analysis of Foods - Cereal and Cereal Products -2nd edition FSSAI 03.017 page No 44 to 49
224	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Total Fat	IS 12711
225	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Total Ash	IS 12711
226	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals and Cereal Products/ Pulses and Pulses Products	Acid Insoluble Ash	FSSAI Manual of Methods of Analysis of Foods - Cereal and Cereal Products -2nd edition FSSAI 03.012 Page No 34 - 35
227	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals and Cereal Products/ Pulses and Pulses Products	Acidity of Extracted Fat	FSSAI Manual of Methods of Analysis of Foods - Cereal and Cereal Products -2nd edition FSSAI 03.016 page No 42- 43
228	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals and Cereal Products/ Pulses and Pulses Products	Carbohydrate	FITPL/CH/SOP/004. ISSUE NO/DATE :01/01.10.2024
229	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals and Cereal Products/ Pulses and Pulses Products	Fat	FSSAI Manual of Methods of Analysis of Foods - Cereal and Cereal Products -2nd edition FSSAI 03.040 Page No 106- 107



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230	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals and Cereal Products/ Pulses and Pulses Products	Gluten	FSSAI Manual of Methods of Analysis of Foods - Cereal and Cereal Products -2nd edition FSSAI 03.013 page no 36 -37
231	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals and Cereal Products/ Pulses and Pulses Products	Moisture	FSSAI Manual of Methods of Analysis of Foods - Cereal and Cereal Products -2nd edition FSSAI 03.006 page No 22-23
232	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals and Cereal Products/ Pulses and Pulses Products	Protein	FSSAI Manual of Methods of Analysis of Foods - Cereal and Cereal Products -2nd edition FSSAI 03.017 page No 44 to 49
233	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals and Cereal Products/ Pulses and Pulses Products	Total Ash	FSSAI Manual of Methods of Analysis of Foods - Cereal and Cereal Products -2nd edition FSSAI 03.011 page No 32-34
234	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fish & Fish Products (Raw Fish / Cooked Fish/ Frozen Fish and Products/ Processed Fish and Products)	Acid Insoluble Ash	FSSAI Manual of Methods of Analysis of Foods - Fish and Fish Products FSSAI 06.018 Page NO 44-45
235	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fish & Fish Products (Raw Fish / Cooked Fish/ Frozen Fish and Products/ Processed Fish and Products)	Carbohydrate	FITPL/CH/SOP/004. ISSUE NO/DATE :01/01.10.2024
236	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fish & Fish Products (Raw Fish / Cooked Fish/ Frozen Fish and Products/ Processed Fish and Products)	Fat	FSSAI Manual of Methods of Analysis of Foods - Fish and Fish Products FSSAI 06.020 page No 47-48



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237	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fish & Fish Products (Raw Fish / Cooked Fish/ Frozen Fish and Products/ Processed Fish and Products)	Moisture	FSSAI Manual of Methods of Analysis of Foods - Fish and Fish Products FSSAI 06.027 page No 67
238	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fish & Fish Products (Raw Fish / Cooked Fish/ Frozen Fish and Products/ Processed Fish and Products)	Protein	FSSAI Manual of Methods of Analysis of Foods - Fish and Fish Products FSSAI 06.021 Page No 49-51
239	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fish & Fish Products (Raw Fish / Cooked Fish/ Frozen Fish and Products/ Processed Fish and Products)	Total Ash	FSSAI Manual of Methods of Analysis of Foods - Fish and Fish Products FSSAI 06.019 page No 46
240	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and Milk Products	Acid Insoluble Ash	FSSAI Manual of Methods of Analysis of Foods - Dairy and Dairy Products FSSAI 01.065 Page No 180-182
241	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and Milk Products	Carbohydrate	FITPL/CH/SOP/004.ISSUE NO/DATE:01/01.10.2024
242	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and Milk Products	Fat	FSSAI Manual of Methods of Analysis of Foods - Dairy and Dairy Products FSSAI 01.057 page No 159-160
243	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and Milk Products	Moisture	FSSAI Manual of Methods of Analysis of Foods - Dairy and Dairy Products FSSAI 01.056 page no 156- 158
244	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and Milk Products	Protein	FSSAI Manual of Methods of Analysis of Foods - Dairy and Dairy Products FSSAI 01.062 page No 173-174



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245	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and Milk Products	Total Ash	FSSAI Manual of Methods of Analysis of Foods - Dairy and Dairy Products FSSAI 01.064 page No 177-179
246	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Meat/ Cooked Meat/ Frozen and Products/ Processed Meat and Products	Total Fat	FSSAI Manual of Methods of Analysis of Foods - meat and meat products FSSAI 05.009 Page No 34-35
247	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Meat/ Cooked Meat/ Frozen and Products/ Processed Meat and Products	Acid Insoluble Ash	FSSAI Manual for meat and meat products , Sr No 2.4
248	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Meat/ Cooked Meat/ Frozen and Products/ Processed Meat and Products	Carbohydrate	FITPL/CH/SOP/004.ISS UE NO/DATE:01/01.10.2024
249	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Meat/ Cooked Meat/ Frozen and Products/ Processed Meat and Products	Moisture	FSSAI Manual of Methods of Analysis of Foods - meat and meat products FSSAI 05.012 Page no 40-41
250	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Meat/ Cooked Meat/ Frozen and Products/ Processed Meat and Products	Protein	FSSAI Manual of Methods of Analysis of Foods - Meat and Meat products FSSAI 05.010 Page No 36-37
251	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Meat/ Cooked Meat/ Frozen and Products/ Processed Meat and Products	Total Ash	FSSAI Manual of Methods of Analysis of Foods - Fish and Fish Products FSSAI 06.019 page No 46
252	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Salt / Iodized Salt	Calcium	IS 7224
253	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Salt / Iodized Salt	Chloride as NaCl	IS 7224



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254	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Salt / Iodized Salt	Iodine content	IS 7224
255	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Salt / Iodized Salt	Magnesium	IS 7224
256	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Salt / Iodized Salt	Moisture	IS 7224
257	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Salt / Iodized Salt	Sulphate	IS 7224
258	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Salt / Iodized Salt	Water insoluble matter	IS 7224
259	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices	Acid Insoluble Ash	FSSAI Manual of Methods of Analysis of Foods - Spices Herbs and condiments FSSAI 10.007 page No 20-21
260	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices	Alcohol Soluble Extract	FSSAI Manual of Methods of Analysis of Foods - Spices Herbs and condiments FSSAI 10.010 page No 25-26
261	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices	Moisture	FSSAI Manual of Methods of Analysis of Foods - Spices Herbs and condiments FSSAI 10.003 Page No 7-9
262	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices	Protein	FSSAI Manual of Methods of Analysis of Foods - Spices Herbs and condiments FSSAI 10.029 Page No 63-68



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263	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices	Total Ash	FSSAI Manual of Methods of Analysis of Foods - Spices Herbs and condiments FSSAI 10.006 Page No 17-19
264	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oil/ Coconut Oil/ Ghee/ Neem Oil/ Oil from Oil Seed/ Olive Oil/ Palm Oil/ Animal Fat	Acid value	IS 548 (Part 1)
265	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oil/ Coconut Oil/ Ghee/ Neem Oil/ Oil from Oil Seed/ Olive Oil/ Palm Oil/ Animal Fat	Moisture	IS 548(Part 1)
266	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Ammoniacal Nitrogen as N	APHA 24th Edition 4500-NH ₃ C
267	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Ammonical Nitrogen as N	IS 3025 (Part 34)
268	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Biochemical Oxygen Demand(BOD) @27°C for 3 days	IS 3025 (Part 44)
269	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Calcium as Ca	APHA 24th Edition 3500-Ca-B
270	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Calcium as Ca	IS 3025 (Part 40)
271	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Chemical Oxygen Demand (COD)	APHA 24th Edition 5220-B
272	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
273	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Chlorides as Cl	APHA 24th Edition 4500-Cl-B



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274	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Chlorides as Cl	IS 3025 (Part 32)
275	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Electrical Conductivity @25°C	APHA 24th Edition 2510-B
276	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Electrical Conductivity @25°C	IS 3025 (Part 14)
277	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Fluoride as F	APHA 24th Edition 4500-F & D
278	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Fluoride as F	IS 3025 (Part 60)
279	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Free Ammonia as NH ₃	APHA 24th Edition 4500-NH ₃ -C
280	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Free Ammonia as NH ₃	IS 3025 (Part 34)
281	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Hexavalent Chromium as Cr ⁶⁺	APHA 24th Edition 3500-Cr-B
282	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Hexavalent Chromium as Cr ⁶⁺	IS 3025 (Part 52)
283	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Magnesium as Mg	APHA 24th Edition 3500 Mg-B
284	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Magnesium as Mg	IS 3025 (Part 46)
285	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Nitrate as NO ₃	APHA 24th Edition 4500 NO ₃ -B



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286	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Nitrate as NO ₃	IS 3025 (Part 34)
287	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Nitrite as NO ₂	APHA 24th Edition 4500 NO ₂ -B
288	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Nitrite as NO ₂	IS 3025 (Part 34)
289	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Oil & Grease	APHA 24th Edition 5520-O&G-D
290	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Oil & Grease	IS 3025 (Part 39)
291	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	pH @ 25°C	APHA 24th Edition 4500-H+ B
292	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	pH @ 25°C	IS 3025 (Part 11)
293	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Phenolphthalein Alkalinity as CaCO ₃	APHA 24th Edition 2320 B
294	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Phenolphthalein Alkalinity as CaCO ₃	IS 3025 (Part 23)
295	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Phosphorous as P	APHA 24th Edition 4500 P-D
296	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Phosphorous as P	IS 3025 (Part 31)
297	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Potassium as K	APHA 24th Edition 3500 K,B



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298	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Potassium as K	IS 3025 (Part 45)
299	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Silica as SiO ₂	APHA 24th Edition 4500 SiO ₂ - C
300	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Silica as SiO ₂	IS 3025 (Part 35)
301	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Sodium as Na	APHA 24th Edition 3500 Na-B
302	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Sodium as Na	IS 3025 (Part 45)
303	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Sulphate as SO ₄	APHA 24th Edition 4500 SO ₄ - E
304	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Sulphate as SO ₄	IS 3025 (Part 24/Sec 1)
305	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Temperature	APHA 24th Edition 2550 B
306	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Total Alkalinity as CaCO ₃	APHA 24th Edition 2320 B
307	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Total Alkalinity as CaCO ₃	IS 3025 (Part 23)
308	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Total Dissolved Solids	APHA 24th Edition 2540-C
309	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Total Dissolved Solids	IS 3025 (Part 16)



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310	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Total Hardness as CaCO ₃	APHA 24th Edition 2340-C
311	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Total Hardness as CaCO ₃	IS 3025 (Part 21)
312	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Total Kjeldahl Nitrogen as N	APHA 24th Edition 4500-NH ₃ -C
313	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Total Kjeldahl Nitrogen as N	IS 3025 (Part 34)
314	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Total Suspended Solids	APHA 24th Edition 2540-D
315	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Total Suspended Solids	IS 3025 (Part 17)
316	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Turbidity	APHA 24th Edition 2130-B
317	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (STP Raw Water/ETP Raw Water/STP Treated Water / ETP Treated Water)	Turbidity	IS 3025 (Part 10)
318	CHEMICAL- SOIL AND ROCK	Soil and Sediments	Cation Exchange Capacity	IS 2720 (Part 24)
319	CHEMICAL- SOIL AND ROCK	Soil and Sediments	Electrical Conductivity @ 25°C (1:2)	IS 14767
320	CHEMICAL- SOIL AND ROCK	Soil and Sediments	Organic Carbon	IS 2720 (Part 22)
321	CHEMICAL- SOIL AND ROCK	Soil and Sediments	Organic Matter	IS 2720 (Part 22)
322	CHEMICAL- SOIL AND ROCK	Soil and Sediments	PH @ 25°C (1:2)	IS 2720 (Part 26)



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323	CHEMICAL- SOIL AND ROCK	Soil and Sediments	Soluble Calcium as Ca	IS 5949
324	CHEMICAL- SOIL AND ROCK	Soil and Sediments	Soluble Magnesium as Mg	IS 5949
325	CHEMICAL- SOIL AND ROCK	Soil and Sediments	Total Soluble Chloride as Cl	IS 14959-2
326	CHEMICAL- SOIL AND ROCK	Soil and Sediments	Total Soluble Sulphate	IS 2720 (Part 27)
327	CHEMICAL- WATER	Drinking Water	Calcium as Ca	APHA 24th Edition 3500-Ca-B
328	CHEMICAL- WATER	Drinking Water	Calcium Hardness as CaCO ₃	APHA 24th Edition 2340-C
329	CHEMICAL- WATER	Drinking Water	Calcium Hardness as CaCO ₃	IS 3025(Part 21)
330	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40)
331	CHEMICAL- WATER	Drinking Water	Carbonate Hardness as CaCO ₃	IS 3025 (Part 21)
332	CHEMICAL- WATER	Drinking Water	Chlorides as Cl	APHA 24th Edition 4500 Cl-B
333	CHEMICAL- WATER	Drinking Water	Chlorides as Cl	IS 3025 (Part 32)
334	CHEMICAL- WATER	Drinking Water	Color	APHA 24th Edition 2120-B
335	CHEMICAL- WATER	Drinking Water	Color	IS 3025 (Part 4)
336	CHEMICAL- WATER	Drinking Water	Electrical Conductivity @25°C	IS 3025 (Part 14)
337	CHEMICAL- WATER	Drinking Water	Electrical Conductivity@25°C	APHA 24th Edition 2510-B
338	CHEMICAL- WATER	Drinking Water	Fluoride as F	APHA 24th Edition 4500-F & D
339	CHEMICAL- WATER	Drinking Water	Fluoride as F	IS 3025 (Part 60)
340	CHEMICAL- WATER	Drinking Water	Iron as Fe	APHA 24th Edition 3500-Fe-B
341	CHEMICAL- WATER	Drinking Water	Iron as Fe	IS 3025 (Part 53)



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342	CHEMICAL- WATER	Drinking Water	Magnesium Hardness as CaCO ₃	APHA 24th Edition 2340-C
343	CHEMICAL- WATER	Drinking Water	Magnesium Hardness as CaCO ₃	IS 3025(Part 21)
344	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA 24th Edition 3500-Mg-B
345	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (Part 46)
346	CHEMICAL- WATER	Drinking Water	Nitrate as NO ₃	APHA 24th Edition 4500-NO ₃ - B
347	CHEMICAL- WATER	Drinking Water	Nitrate as NO ₃	IS 3025 (Part 34)
348	CHEMICAL- WATER	Drinking Water	Nitrite as NO ₂	APHA 24th Edition 4500-NO ₂ - B
349	CHEMICAL- WATER	Drinking Water	Nitrite as NO ₂	IS 3025 (Part 34)
350	CHEMICAL- WATER	Drinking Water	Non Carbonate Hardness as CaCO ₃	IS 3025 (Part 21)
351	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
352	CHEMICAL- WATER	Drinking Water	pH@25°C	APHA 24th Edition 4500-H+- B
353	CHEMICAL- WATER	Drinking Water	pH@25°C	IS 3025 (Part 11)
354	CHEMICAL- WATER	Drinking Water	Phenolphthalein Alkalinity as CaCO ₃	APHA 24th Edition 2320-B
355	CHEMICAL- WATER	Drinking Water	Phenolphthalein Alkalinity as CaCO ₃	IS 3025 (Part 23)
356	CHEMICAL- WATER	Drinking Water	Potassium as K	APHA 24th Edition 3500-K-B
357	CHEMICAL- WATER	Drinking Water	Potassium as K	IS 3025 (Part 45)
358	CHEMICAL- WATER	Drinking Water	Silica as SiO ₂	APHA 24th Edition 4500-SiO ₂ -C
359	CHEMICAL- WATER	Drinking Water	Silica as SiO ₂	IS 3025 (Part 35)
360	CHEMICAL- WATER	Drinking Water	Sodium as Na	IS 3025 (Part 45)



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361	CHEMICAL- WATER	Drinking Water	Sodium as Na	APHA 24th Edition 3500 Na-B
362	CHEMICAL- WATER	Drinking Water	Sulphate as SO ₄	APHA 24th Edition 4500-SO ₄ -E
363	CHEMICAL- WATER	Drinking Water	Sulphate as SO ₄	IS 3025 (Part 24/Sec 1)
364	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO ₃	APHA 24th Edition 2320-B
365	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO ₃	IS 3025 (Part 23)
366	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 24th Edition 2540-C
367	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
368	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO ₃	APHA 24th Edition 2340-C
369	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO ₃	IS 3025 (Part 21)
370	CHEMICAL- WATER	Drinking Water	Total Residual Chlorine	APHA 24th Edition 4500-Cl-B
371	CHEMICAL- WATER	Drinking Water	Total Residual Chlorine	IS 3025 (Part 26)
372	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	APHA 24th Edition 2540-D
373	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	IS 3025 (Part 17)
374	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 24th Edition 2130-B
375	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10/Sec 2)
376	CHEMICAL- WATER	Ground Water	Calcium as Ca	APHA 24th Edition 2340-C
377	CHEMICAL- WATER	Ground Water	Calcium as Ca	IS 3025 (Part 40)
378	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA 24th Edition 4500 Cl-B
379	CHEMICAL- WATER	Ground Water	Chloride as Cl	IS 3025 (Part 32)
380	CHEMICAL- WATER	Ground Water	Color	APHA 24th Edition 2120-B
381	CHEMICAL- WATER	Ground water	Colour	IS 3025 (Part 4)
382	CHEMICAL- WATER	Ground Water	Electrical Conductivity @ 25°C	APHA 24th Edition 2510 B
383	CHEMICAL- WATER	Ground Water	Electrical Conductivity @ 25°C	IS 3025 (Part 14)



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384	CHEMICAL- WATER	Ground Water	Fluoride as F	APHA 24th Edition 4500-F & D
385	CHEMICAL- WATER	Ground Water	Fluoride as F	IS 3025 (Part 60/Sec 1)
386	CHEMICAL- WATER	Ground Water	Iron as Fe	APHA 24th Edition 4500-F & D
387	CHEMICAL- WATER	Ground Water	Iron as Fe	IS 3025 (Part 53)
388	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA 24th Edition 3500-Mg-B
389	CHEMICAL- WATER	Ground Water	Magnesium as Mg	IS 3025 (Part 46)
390	CHEMICAL- WATER	Ground Water	Nitrate as NO ₃	APHA 24th Edition 4500-NO ₃ - B
391	CHEMICAL- WATER	Ground Water	Nitrate as NO ₃	IS 3025 (Part 34/Sec 1)
392	CHEMICAL- WATER	Ground Water	Nitrite as NO ₂	APHA 24th Edition 4500-NO ₂ - B
393	CHEMICAL- WATER	Ground Water	Nitrite as NO ₂	IS 3025 (Part 34/Sec 1)
394	CHEMICAL- WATER	Ground Water	pH @ 25°C	APHA 24th Edition 4500-H+- B
395	CHEMICAL- WATER	Ground Water	pH @ 25°C	IS 3025 (Part 11)
396	CHEMICAL- WATER	Ground Water	Phenolphthalein Alkalinity as CaCO ₃	APHA 24th Edition 2320-B
397	CHEMICAL- WATER	Ground Water	Phenolphthalein Alkalinity as CaCO ₃	IS 3025 (Part 23)
398	CHEMICAL- WATER	Ground Water	Phosphorus as P	APHA 24th Edition 4500 P- D
399	CHEMICAL- WATER	Ground Water	Phosphorus as P	IS 3025 (Part 31/Sec 1)
400	CHEMICAL- WATER	Ground Water	Potassium as K	APHA 24th Edition 3500 K,B
401	CHEMICAL- WATER	Ground Water	Potassium as K	IS 3025 (Part 45)
402	CHEMICAL- WATER	Ground Water	Silica as SiO ₂	APHA 24th Edition 4500-SiO ₂ - C
403	CHEMICAL- WATER	Ground Water	Silica as SiO ₂	IS 3025 (Part 35)



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404	CHEMICAL- WATER	Ground Water	Sodium as Na	APHA 24th Edition 3500 Na-B
405	CHEMICAL- WATER	Ground Water	Sodium as Na	IS 3025 (Part 45)
406	CHEMICAL- WATER	Ground Water	Sulphate as SO ₄	APHA 24th Edition 4500 SO ₄ E
407	CHEMICAL- WATER	Ground Water	Sulphate as SO ₄	IS 3025 (Part 24/Sec 1)
408	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO ₃	APHA 24th Edition 2320-B
409	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO ₃	IS 3025 (Part 23)
410	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 24th Edition 2540-C
411	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	IS 3025 (Part 16)
412	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO ₃	APHA 24th Edition 2340-C
413	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO ₃	IS 3025 (Part 21)
414	CHEMICAL- WATER	Ground Water	Total Residual Chlorine	APHA 24th Edition 4500-Cl-B
415	CHEMICAL- WATER	Ground Water	Total Residual Chlorine	IS 3025 (Part 26)
416	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA 24th Edition 2540-D
417	CHEMICAL- WATER	Ground Water	Total Suspended Solids	IS 3025 (Part 17)
418	CHEMICAL- WATER	Ground Water	Turbidity	APHA 24th Edition 2130-B
419	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10/Sec 2)
420	CHEMICAL- WATER	Industrial Water	Calcium Hardness	APHA 24th Edition 2340-C
421	CHEMICAL- WATER	Industrial Water	Calcium Hardness	IS 3025 (Part 40)
422	CHEMICAL- WATER	Industrial Water	Chloride as Cl	APHA 24th Edition 4500 Cl-B
423	CHEMICAL- WATER	Industrial Water	Chloride as Cl	IS 3025 (Part 32)
424	CHEMICAL- WATER	Industrial Water	Electrical Conductivity@25°C	APHA 24th Edition 2510-B
425	CHEMICAL- WATER	Industrial Water	Electrical Conductivity@25°C	IS 3025 (Part 14)
426	CHEMICAL- WATER	Industrial Water	Iron as Fe	APHA 24th Edition 3500-Fe-B



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427	CHEMICAL- WATER	Industrial Water	Iron as Fe	IS 3025 (Part 53)
428	CHEMICAL- WATER	Industrial Water	Magnesium Hardness	APHA 24th Edition 2340-C
429	CHEMICAL- WATER	Industrial Water	Magnesium Hardness	IS 3025 (Part 46)
430	CHEMICAL- WATER	Industrial Water	Methyl Orange Alkalinity	APHA 24th Edition 2320-B
431	CHEMICAL- WATER	Industrial Water	Methyl Orange Alkalinity	IS 3025 (Part 23)
432	CHEMICAL- WATER	Industrial Water	Nitrate as NO ₃	APHA 24th Edition 4500-NO ₃ - B
433	CHEMICAL- WATER	Industrial Water	Nitrate as NO ₃	IS 3025 (Part 34)
434	CHEMICAL- WATER	Industrial Water	Nitrite as NO ₂	APHA 24th Edition 4500-NO ₂ - B
435	CHEMICAL- WATER	Industrial Water	Nitrite as NO ₂	IS 3025 (Part 34)
436	CHEMICAL- WATER	Industrial Water	pH@25°C	APHA 24th Edition 4500-H+- B
437	CHEMICAL- WATER	Industrial Water	pH@25°C	IS 3025 (Part 11)
438	CHEMICAL- WATER	Industrial Water	Phenolphthalein Alkalinity	APHA 24th Edition 2320-B
439	CHEMICAL- WATER	Industrial Water	Phenolphthalein Alkalinity	IS 3025 (Part 23)
440	CHEMICAL- WATER	Industrial Water	Phosphorus	APHA 24th Edition 4500 - P -D
441	CHEMICAL- WATER	Industrial Water	Phosphorus	IS:3025 (Part-31)
442	CHEMICAL- WATER	Industrial Water	Silica as SiO ₂	APHA 24th Edition 4500-SiO ₂ - C
443	CHEMICAL- WATER	Industrial Water	Silica as SiO ₂	IS 3025 (Part 35)
444	CHEMICAL- WATER	Industrial Water	Sulphate as SO ₄	APHA 24th Edition 4500 SO ₄ -E
445	CHEMICAL- WATER	Industrial Water	Sulphate as SO ₄	IS 3025 (Part 24/Sec 1)
446	CHEMICAL- WATER	Industrial Water	Total Alkalinity as CaCO ₃	APHA 24th Edition 2320-B
447	CHEMICAL- WATER	Industrial Water	Total Alkalinity as CaCO ₃	IS 3025 (Part 23)
448	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids	APHA 24th Edition 2540-C
449	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids	IS 3025 (Part 16)



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450	CHEMICAL- WATER	Industrial Water	Total Hardness as CaCO ₃	APHA 24th Edition 2340-C
451	CHEMICAL- WATER	Industrial Water	Total Hardness as CaCO ₃	IS 3025 (Part 21)
452	CHEMICAL- WATER	Industrial Water	Turbidity	APHA 24th Edition 2130-B
453	CHEMICAL- WATER	Industrial Water	Turbidity	IS 3025 (Part 10)
454	CHEMICAL- WATER	Surface water	Biochemical Oxygen Demand @ 27°C	IS 3025 (Part 44)
455	CHEMICAL- WATER	Surface Water	Chloride as Cl	APHA 24th Edition 4500 Cl-B
456	CHEMICAL- WATER	Surface water	Chloride as Cl	IS 3025 (Part 32)
457	CHEMICAL- WATER	Surface Water	Color	APHA 24th Edition 2120-B
458	CHEMICAL- WATER	Surface water	Colour	IS 3025 (Part 4)
459	CHEMICAL- WATER	Surface water	Dissolved Oxygen	IS 3025 (Part 38)
460	CHEMICAL- WATER	Surface Water	Electrical Conductivity @ 25°C	APHA 24th Edition 2510-B
461	CHEMICAL- WATER	Surface water	Electrical Conductivity @ 25°C	IS 3025 (Part 14)
462	CHEMICAL- WATER	Surface Water	Fluoride as F	APHA 24th Edition 4500-F & D
463	CHEMICAL- WATER	Surface water	Fluoride as F	IS 3025 (Part 60/Sec 1)
464	CHEMICAL- WATER	Surface Water	Iron as Fe	APHA 24th Edition 3500-Fe-B
465	CHEMICAL- WATER	Surface water	Iron as Fe	IS 3025 (Part 53)
466	CHEMICAL- WATER	Surface Water	Nitrate as NO ₃	APHA 24th Edition 4500-NO ₃ - B
467	CHEMICAL- WATER	Surface water	Nitrate as NO ₃	IS 3025 (Part 34)
468	CHEMICAL- WATER	Surface Water	pH @ 25°C	APHA 24th Edition 4500-H+- B
469	CHEMICAL- WATER	Surface water	pH @ 25°C	IS 3025 (Part 11)
470	CHEMICAL- WATER	Surface water	Sulphate as SO ₄	APHA 24th Edition 4500-SO ₄ -E



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471	CHEMICAL- WATER	Surface Water	Sulphate as SO ₄	IS 3025 (Part 24/Sec 1)
472	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 24th Edition 2540-C
473	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	IS 3025 (Part 16)
474	CHEMICAL- WATER	Water for construction purpose	Chlorides as Cl	APHA 24th Edition 4500 Cl-B
475	CHEMICAL- WATER	Water for construction purpose	Chlorides as Cl	IS 3025 (Part 32)
476	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	APHA 24th Edition 2540-E
477	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS 3025 (Part 18)
478	CHEMICAL- WATER	Water for construction purpose	Organic Solids	APHA 24th Edition 2540-E
479	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS 3025 (Part-18)
480	CHEMICAL- WATER	Water for construction purpose	pH @ 25°C	APHA 24th Edition 4500-H+- B
481	CHEMICAL- WATER	Water for construction purpose	pH @ 25°C	IS 3025 (Part 11)
482	CHEMICAL- WATER	Water for construction purpose	Sulphate as SO ₄	APHA 24th Edition 4500-SO ₄ -E
483	CHEMICAL- WATER	Water for construction purpose	Sulphate as SO ₄	IS 3025 (Part 24/Sec 1)
484	CHEMICAL- WATER	Water for construction purpose	To neutralize 100ml of sample water using Mixed Indicator using 0.02N H ₂ SO ₄	IS 3025 (Part 23)
485	CHEMICAL- WATER	Water for construction purpose	To neutralize 100ml of sample water using Phenolphthalein as indicator using 0.02N NaOH	IS 3025 (Part 22)
486	CHEMICAL- WATER	Water for construction purpose	Total Solids /Non Volatile Residue@105°C	APHA 24th Edition 2540-B
487	CHEMICAL- WATER	Water for Swimming Pool	Chloride	IS 3025 (Part 32)
488	CHEMICAL- WATER	Water for Swimming Pool	Chloride as Cl	APHA 24th Edition 4500 Cl-B
489	CHEMICAL- WATER	Water for Swimming Pool	Color	APHA 24th Edition 2120-B



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490	CHEMICAL- WATER	Water for Swimming Pool	Color	IS 3025 (Part 4)
491	CHEMICAL- WATER	Water for Swimming Pool	Iron as Fe	APHA 24th Edition 3500-Fe-B
492	CHEMICAL- WATER	Water for Swimming Pool	Iron as Fe	IS 3025 (Part 53)
493	CHEMICAL- WATER	Water for Swimming Pool	Odour	IS 3025 (Part 5)
494	CHEMICAL- WATER	Water for Swimming Pool	pH@25°C	APHA 24th Edition 4500-H+- B
495	CHEMICAL- WATER	Water for Swimming Pool	pH@25°C	IS 3025 (Part 11)
496	CHEMICAL- WATER	Water for Swimming Pool	Taste	IS 3025(Part 8)
497	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity as CaCO ₃	APHA 24th Edition 2320-B
498	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity as CaCO ₃	IS 3025 (Part 23)
499	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolved Solids	APHA 24th Edition 2540-C
500	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolved Solids	IS 3025 (Part 16)
501	CHEMICAL- WATER	Water for Swimming Pool	Total Residual Chlorine	APHA 24th Edition 4500-Cl-B
502	CHEMICAL- WATER	Water for Swimming Pool	Total Residual Chlorine	IS 3025 (Part 26)
503	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	APHA 24th Edition 2130-B
504	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	IS 3025 (Part 10)
505	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Block Density	IS 6441(Part 1)
506	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Compressive Strength	IS 6441 (Part 5)
507	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Dimension - Length	IS 2185 (Part 3)
508	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Dimension - Thickness	IS 2185 (Part 3)



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509	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Dimension - Width	IS 2185 (Part 3)
510	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Drying Shrinkage	IS 6441(Part 2)
511	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Moisture Content	IS 6441(Part 1)
512	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Building Bricks	Compressive Strength	IS 3495 (Part 1)
513	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension - Height	IS 1077
514	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension - Length	IS 1077
515	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension - Width	IS 1077
516	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Building Bricks	Efflorescence	IS 3495 (Part 3)
517	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Building Bricks	Water Absorption	IS 3495 (Part 2)
518	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Hollow Bricks and Blocks for Walls and Partition	Crushing Strength	IS 3952
519	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Hollow Bricks and Blocks for Walls and Partition	Efflorescence Test	IS 3495 (Part 3)
520	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Hollow Bricks and Blocks for Walls and Partition	Height	IS 3952



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521	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Hollow Bricks and Blocks for Walls and Partition	Length	IS 3952
522	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Hollow Bricks and Blocks for Walls and Partition	Water Absorption	IS 3952
523	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Hollow Bricks and Blocks for Walls and Partition	Width	IS 3952
524	MECHANICAL-BUILDINGS MATERIALS	Cement (Ordinary Portland Cement, Portland Pozzolona Cement, Portland Slag Cement)	Compressive Strength	IS 4031 (Part 6)
525	MECHANICAL-BUILDINGS MATERIALS	Cement (Ordinary Portland Cement, Portland Pozzolona Cement, Portland Slag Cement)	Final Setting Time	IS 4031 (Part 5)
526	MECHANICAL-BUILDINGS MATERIALS	Cement (Ordinary Portland Cement, Portland Pozzolona Cement, Portland Slag Cement)	Fineness by Dry Sieving	IS 4031(Part 1)
527	MECHANICAL-BUILDINGS MATERIALS	Cement (Ordinary Portland Cement, Portland Pozzolona Cement, Portland Slag Cement)	Fineness, m2/kg	IS 4031 (Part 2)
528	MECHANICAL-BUILDINGS MATERIALS	Cement (Ordinary Portland Cement, Portland Pozzolona Cement, Portland Slag Cement)	Initial Setting Time	IS 4031(Part 5)
529	MECHANICAL-BUILDINGS MATERIALS	Cement (Ordinary Portland Cement, Portland Pozzolona Cement, Portland Slag Cement)	Normal Consistency	IS 4031 (Part 4)
530	MECHANICAL-BUILDINGS MATERIALS	Cement (Ordinary Portland Cement, Portland Pozzolona Cement, Portland Slag Cement)	Soundness by Autoclave Method	IS 4031 (Part 3)
531	MECHANICAL-BUILDINGS MATERIALS	Cement (Ordinary Portland Cement, Portland Pozzolona Cement, Portland Slag Cement)	Soundness by Le Chatlier method	IS 4031 (Part 3)
532	MECHANICAL-BUILDINGS MATERIALS	Cement (Ordinary Portland Cement, Portland Pozzolona Cement, Portland Slag Cement)	Specific gravity by Le Chatlier flask	IS 4031 (Part 11)



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533	MECHANICAL-BUILDINGS MATERIALS	Ceramic Tile	Dimension Breadth	IS 13630 (Part 1)
534	MECHANICAL-BUILDINGS MATERIALS	Ceramic Tile	DimensionLength	IS 13630 (Part 1)
535	MECHANICAL-BUILDINGS MATERIALS	Ceramic Tile	Dimesion Thickness	IS 13630 (Part 1)
536	MECHANICAL-BUILDINGS MATERIALS	Ceramic Tile	Hardness	IS 13630 (Part 13)
537	MECHANICAL-BUILDINGS MATERIALS	Ceramic Tile	Water absorption	IS 13630 (Part 2)
538	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	10% fine's value	IS 2386 (Part 4)
539	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose/Rodded)	IS 2386 (Part 3)
540	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Clay lumps	IS 2386 (Part 2)
541	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
542	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
543	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
544	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)



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545	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Particle finer than 75 micron	IS 2386 (Part 1)
546	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis(80mm, 63mm, 40mm, 20mm, 16mm, 12.5mm, 10mm, 4.75mm, 2.36 mm)	IS 2386 (Part 1)
547	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
548	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Water absorption	IS 2386 (Part 3)
549	MECHANICAL-BUILDINGS MATERIALS	Coarse aggregates	Soundness test - Sodium Sulphate (Na ₂ SO ₄)	IS 2386 (Part 5)
550	MECHANICAL-BUILDINGS MATERIALS	Concrete Blocks (Hollow & Solid)	Water Absorption	IS 2185 (Part 1)
551	MECHANICAL-BUILDINGS MATERIALS	Concrete blocks (Hollow/Solid)	Block Density	IS 2185 (Part 1)
552	MECHANICAL-BUILDINGS MATERIALS	Concrete blocks (Hollow/Solid)	Compressive Strength	IS 2185 (Part 1)
553	MECHANICAL-BUILDINGS MATERIALS	Concrete blocks (Hollow/Solid)	Dimension - Length	IS 2185 (Part 1)
554	MECHANICAL-BUILDINGS MATERIALS	Concrete blocks (Hollow/Solid)	Dimension- Height	IS 2185 (Part 1)
555	MECHANICAL-BUILDINGS MATERIALS	Concrete blocks (Hollow/Solid)	Dimension- Width	IS 2185 (Part 1)



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556	MECHANICAL-BUILDINGS MATERIALS	Concrete blocks (Hollow/Solid)	Drying Shrinkage	IS 2185 (Part 1)
557	MECHANICAL-BUILDINGS MATERIALS	Concrete blocks (Hollow/Solid)	Moisture Movement	IS 2185 (Part 1)
558	MECHANICAL-BUILDINGS MATERIALS	Concrete Paving Blocks	Compressive Strength	IS 15658
559	MECHANICAL-BUILDINGS MATERIALS	Concrete Paving Blocks	Dimension- Length	IS 15658
560	MECHANICAL-BUILDINGS MATERIALS	Concrete Paving Blocks	Dimension- Thickness	IS 15658
561	MECHANICAL-BUILDINGS MATERIALS	Concrete Paving Blocks	Dimension- Width	IS 15658
562	MECHANICAL-BUILDINGS MATERIALS	Concrete Paving Blocks	Flexural Strength	IS 15658
563	MECHANICAL-BUILDINGS MATERIALS	Concrete Paving Blocks	Split Tensile Strength	IS 15658
564	MECHANICAL-BUILDINGS MATERIALS	Concrete Paving Blocks	Water Absorption	IS 15658
565	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose/Rodded)	IS 2386 (Part 3)
566	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis(10mm 4.75mm, 2.36mm, 1.18mm, 0.6mm, 0.3mm, 0.15mm)	IS 2386 (Part 1)



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567	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
568	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Surface Moisture Content	IS 2386 (Part3)
569	MECHANICAL-BUILDINGS MATERIALS	Fine aggregates	Bulking Percentage	IS 2386 (Part 3)
570	MECHANICAL-BUILDINGS MATERIALS	Fine aggregates	Clay lumps	IS 2386 (Part 2)
571	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	Particle finer than 75 micron	IS 2386 (Part 1)
572	MECHANICAL-BUILDINGS MATERIALS	Fine aggregates	Silt content	IS 2386(Part 2)
573	MECHANICAL-BUILDINGS MATERIALS	Fine aggregates	Water absorption	IS 2386 (Part 3)
574	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Compressive strength at 28 days	IS 1727
575	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Fineness by Dry sieve Method (300 micron and 150 micron)	IS 1727
576	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Fineness by Wet Sieving Method (45 micron and 75 micron)	IS 1727
577	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Setting Time Final	IS 4031 (Part 5)
578	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Setting Time Initial	IS 4031 (Part 5)



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579	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Soundness by Autoclave test	IS 4031 (Part 3)
580	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Soundness Le Chatelier Method	IS 4031 (Part 3)
581	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS 1727
582	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Specific surface by Blaine's air permeability method	IS 1727
583	MECHANICAL-BUILDINGS MATERIALS	Fresh Concrete	Slump	IS 1199 (Part 2)
584	MECHANICAL-BUILDINGS MATERIALS	Granular Sub Base	Aggregate Impact value	IS 2386 (Part 4)
585	MECHANICAL-BUILDINGS MATERIALS	Granular Sub Base	Elongation Index	IS 2386 (Part 1)
586	MECHANICAL-BUILDINGS MATERIALS	Granular Sub Base	Flakiness Index	IS 2386 (Part 1)
587	MECHANICAL-BUILDINGS MATERIALS	Granular Sub Base	Sieve Analysis (75mm, 53mm, 26.5mm, 9.5mm, 4.75mm, 2.36mm, 0.85mm, 0.425mm, 0.075mm)	IS 2386 (Part 1)
588	MECHANICAL-BUILDINGS MATERIALS	Granular Sub Base	Water Absorption	IS 2386 (Part 3)
589	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516 (Part 1/Sec 1)



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590	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength by accelerated curing method	IS 9013
591	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Drying Shrinkage	IS 516 (part 6)
592	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Moisture Movement	IS 516 (part 6)
593	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Water Absorption	BS 1881-122
594	MECHANICAL-BUILDINGS MATERIALS	Kerb Stone	Compressive Strength	IS 516 (Part 1/sec 1)
595	MECHANICAL-BUILDINGS MATERIALS	Kerb Stone	Efflorescence	IS 3495 (Part 3)
596	MECHANICAL-BUILDINGS MATERIALS	Kerb Stone	Height	IS 5758
597	MECHANICAL-BUILDINGS MATERIALS	Kerb Stone	Length	IS 5758
598	MECHANICAL-BUILDINGS MATERIALS	Kerb Stone	Thickness	IS 5758
599	MECHANICAL-BUILDINGS MATERIALS	Kerb Stone	Water Absorption	IS 5758
600	MECHANICAL-BUILDINGS MATERIALS	Plywood	Density	IS 1734 (Part 1)
601	MECHANICAL-BUILDINGS MATERIALS	Plywood	Moisture Content	IS 1734 (Part 1)



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602	MECHANICAL-BUILDINGS MATERIALS	Pulveized Fuel Ash-Lime Bricks (Fly Ash Bricks)	Compressive Strength	IS 3495 (Part 1)
603	MECHANICAL-BUILDINGS MATERIALS	Pulveized Fuel Ash-Lime Bricks (Fly Ash Bricks)	Dimension - Height	IS 12894
604	MECHANICAL-BUILDINGS MATERIALS	Pulveized Fuel Ash-Lime Bricks (Fly Ash Bricks)	Dimension - Length	IS 12894
605	MECHANICAL-BUILDINGS MATERIALS	Pulveized Fuel Ash-Lime Bricks (Fly Ash Bricks)	Dimension- Width	IS 12894
606	MECHANICAL-BUILDINGS MATERIALS	Pulveized Fuel Ash-Lime Bricks (Fly Ash Bricks)	Drying Shrinkage	IS 4139
607	MECHANICAL-BUILDINGS MATERIALS	Pulveized Fuel Ash-Lime Bricks (Fly Ash Bricks)	Efflorescence	IS 3495 (Part 3)
608	MECHANICAL-BUILDINGS MATERIALS	Pulveized Fuel Ash-Lime Bricks (Fly Ash Bricks)	Water Absorption	IS 3495 (Part 2)
609	MECHANICAL-BUILDINGS MATERIALS	Silica Fume	Compressive strength at days as percent of control sample	IS 1727
610	MECHANICAL-BUILDINGS MATERIALS	Silica Fume	Oversize percent retained on 45 micron IS Sieve,	IS 1727
611	MECHANICAL-BUILDINGS MATERIALS	Silica Fume	Oversize percent retained on 45 micron IS Sieve, variation from average percent	IS 1727
612	MECHANICAL-BUILDINGS MATERIALS	Timber	Moisture Content	IS 1708 (Part 1)



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613	MECHANICAL-BUILDINGS MATERIALS	Timber	Specific Gravity	IS 1708 (Part 2)
614	MECHANICAL-BUILDINGS MATERIALS	Wet Mix Macadam	Aggregate Impact value	IS 2386 (Part 4)
615	MECHANICAL-BUILDINGS MATERIALS	Wet Mix Macadam	Elongation Index	IS 2386 (Part 1)
616	MECHANICAL-BUILDINGS MATERIALS	Wet Mix Macadam	Flakiness Index	IS 2386 (Part 1)
617	MECHANICAL-BUILDINGS MATERIALS	Wet Mix Macadam	Water Absorption	IS 2386 (Part 3)
618	MECHANICAL-BUILDINGS MATERIALS	Wet Mix Macadam	Sieve Analysis (53mm,45mm,22.4mm,11.2mm,4.75mm,2.36mm,0.600mm,0.075mm)	IS 2386 (Part 1)
619	MECHANICAL- SOIL AND ROCKS	Bentonite	Fineness by Dry Sieve Method	IS 6186
620	MECHANICAL- SOIL AND ROCKS	Bentonite	Fineness by Wet Sieve Method	IS 6186
621	MECHANICAL- SOIL AND ROCKS	Bentonite	Gel Formation Index	IS 6186
622	MECHANICAL- SOIL AND ROCKS	Bentonite	Liquid Limit	IS 2720 (Part 5)
623	MECHANICAL- SOIL AND ROCKS	Bentonite	Moisture Content	IS 6186
624	MECHANICAL- SOIL AND ROCKS	Bentonite	Plastic Limit	IS 2720 (Part 5)
625	MECHANICAL- SOIL AND ROCKS	Bentonite	Sand content	IS 6186
626	MECHANICAL- SOIL AND ROCKS	Bentonite	Swelling power	IS 6186



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627	MECHANICAL- SOIL AND ROCKS	Granular Sub Base	Liquid Limit	IS 2720 (Part 5)
628	MECHANICAL- SOIL AND ROCKS	Granular Sub Base	Modified compaction MDD	IS 2720 (Part 8)
629	MECHANICAL- SOIL AND ROCKS	Granular Sub Base	Plastic Limit	IS 2720 (Part 5)
630	MECHANICAL- SOIL AND ROCKS	GRANULAR SUBBASE	Modified compaction OMC	IS 2720 (Part 8)
631	MECHANICAL- SOIL AND ROCKS	Natural Stone	Apparent Specific Gravity	IS 1124
632	MECHANICAL- SOIL AND ROCKS	Natural Stone	Compressive Strength	IS 1121 (Part 1)
633	MECHANICAL- SOIL AND ROCKS	Natural Stone	Hardness by Moh's Scale	IS 13630 (Part 13)
634	MECHANICAL- SOIL AND ROCKS	Natural Stone	Porosity	IS 1124
635	MECHANICAL- SOIL AND ROCKS	Natural Stone	True Specific Gravity	IS 1122
636	MECHANICAL- SOIL AND ROCKS	Natural Stone	Water Absorption	IS 1124
637	MECHANICAL- SOIL AND ROCKS	Rock & Stone	Density	IS 13030
638	MECHANICAL- SOIL AND ROCKS	Rock & Stone	Point Load Index	IS 8764
639	MECHANICAL- SOIL AND ROCKS	Rock & Stone	Porosity	IS 13030
640	MECHANICAL- SOIL AND ROCKS	Rock & Stone	Unconfined Compressive Strength (UCS)	IS 9143
641	MECHANICAL- SOIL AND ROCKS	Rock & Stone	Water Absorption	IS 1124
642	MECHANICAL- SOIL AND ROCKS	Rock & Stone	Water Content	IS 13030



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643	MECHANICAL- SOIL AND ROCKS	Soil	Angle of Internal Friction(Q) (Direct Shear Test)	IS 2720 (Part 13)
644	MECHANICAL- SOIL AND ROCKS	Soil	California Bearing Ratio	IS 2720 (Part 16)
645	MECHANICAL- SOIL AND ROCKS	Soil	Coefficient of Consolidation (CV)	IS 2720 (Part 15)
646	MECHANICAL- SOIL AND ROCKS	Soil	Cohesion Value(C) (Direct Shear Test)	IS 2720 (Part 13)
647	MECHANICAL- SOIL AND ROCKS	Soil	Compression Index (CC)	IS 2720 (Part 15)
648	MECHANICAL- SOIL AND ROCKS	Soil	Free Swell Index	IS 2720 (Part 40)
649	MECHANICAL- SOIL AND ROCKS	Soil	Grain Size Analysis(0.075 0.212mm, 0.425mm,1.18m, 2.36mm, 4.75 mm)	IS 2720 (Part 4)
650	MECHANICAL- SOIL AND ROCKS	Soil	Heavy Compaction - Maximum Dry Density	IS 2720 (Part 8)
651	MECHANICAL- SOIL AND ROCKS	Soil	Heavy Compaction - Optimum Moisture Content	IS 2720 (Part 8)
652	MECHANICAL- SOIL AND ROCKS	Soil	Hydrometer analysis of Soil	IS 2720 (Part 4)
653	MECHANICAL- SOIL AND ROCKS	Soil	Light Compaction - Maximum Dry Density	IS 2720 (Part 7)
654	MECHANICAL- SOIL AND ROCKS	Soil	Light Compaction - Optimum Moisture Content	IS 2720 (Part 7)
655	MECHANICAL- SOIL AND ROCKS	Soil	Liquid Limit	IS 2720 (Part 5)
656	MECHANICAL- SOIL AND ROCKS	Soil	Plastic Limit	IS 2720 (Part 5)



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657	MECHANICAL- SOIL AND ROCKS	Soil	Shrinkage limit	IS 2720 (Part 6)
658	MECHANICAL- SOIL AND ROCKS	Soil	Specific Gravity	IS 2720 (Part 3/Sec1)
659	MECHANICAL- SOIL AND ROCKS	Soil	Water Content	IS 2720 (Part 2)
660	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Determination of Modified compaction MDD	IS 2720 (Part 8)
661	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Determination of Modified compaction OMC	IS 2720 (Part 8)
662	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Liquid Limit	IS 2720 (Part 5)
663	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Plastic Limit	IS 2720 (Part 5)



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Site Testing				
1	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Noise Level	Leq (Day & Night)	IS 9989
2	CHEMICAL-ATMOSPHERIC POLLUTION	Stack	Gaseous Discharge (Nm ³ /hr)	IS 11255 (Part 3)
3	CHEMICAL-ATMOSPHERIC POLLUTION	Stack	Velocity	IS 11255 (Part 3)
4	CHEMICAL-ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Carbon Monoxide as CO	Niosh 66046
5	CHEMICAL-ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Luminance	FITPL/CH/SOP-007(ISSUE NO: 01/00) ISSUE DATE: 05/11/2024
6	CHEMICAL-ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Ambient Temperature	FITPL/CH/SOP-001(ISSUE NO: 01/00) ISSUE DATE: 05/11/2024
7	MECHANICAL- SOIL AND ROCKS	Granular Sub Base	Field dry densityby Sand Replacement Method	IS 2720 (part 28)
8	MECHANICAL- SOIL AND ROCKS	Soil	Field Dry Density by Core Cutter Method	IS 2720 (Part 29)
9	MECHANICAL- SOIL AND ROCKS	Soil	Field Dry Density by Sand Replacement Method	IS 2720 (Part 28)
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Carbonation test	IS 516 (Part 5/Sec 3)



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11	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Half Cell Potential difference test	IS 516 (Part 5/Sec 2)
12	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Rebound Hammer	IS 516 (Part 5/Sec 4)
13	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Ultrasonic Pulse Velocity	IS 516 (Part 5/Sec 1)