National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : NATIONAL TEST HOUSE (NER), CITI COMPLEX, KALAPAHAR, GUWAHATI, KAMRUP METRO, ASSAM, 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	Ordinary Portland Cement	Alkali content	IS 4032
2	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Alumina	IS 4032
3	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Calcium oxide	IS 4032
4	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Chloride	IS 4032
5	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Insoluble Residue	IS 4032
6	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Iron oxide	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Loss on Ignition	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Magnesium oxide	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Silica	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Sulfuric anhydride	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Portland Pozzolona Cement	Alkali content	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Portland Pozzolona Cement	Chloride	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Portland Pozzolona Cement	Insoluble Residue	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Portland Pozzolona Cement	Loss on ignition	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Portland Pozzolona Cement	Magnesium oxide	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Portland Pozzolona Cement	Sulfuric Anhydride	IS 4032
17	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Aluminium	ASTM E-415
18	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Aluminium	IS 8811

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19	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Carbon	ASTM E - 415
20	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Carbon	IS 8811
21	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Chromium	ASTM E-415
22	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Chromium	IS 8811
23	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Copper	ASTM E-415
24	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Copper	IS 8811
25	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Manganese	ASTM E-415
26	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Manganese	IS 8811
27	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Molybdenum	ASTM E-415
28	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Molybdenum	IS 8811
29	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Nickel	ASTM E-415
30	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Nickel	IS 8811
31	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Phosphorous	ASTM E415
32	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Phosphorous	IS 8811
33	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Silicon	ASTM E-415
34	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Silicon	IS 8811
35	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Sulphur	ASTM E -415
36	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Sulphur	IS 8811
37	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Vanadium	ASTM E-415

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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
38	CHEMICAL- METALS & ALLOYS	Carbon and Low alloy steel	Vanadium	IS 8811
39	CHEMICAL- RESIDUES IN WATER	Drinking Water	Aluminium (as Al)	IS 3025 (Part 55)
40	CHEMICAL- RESIDUES IN WATER	Drinking Water	Arsenic (as As)	IS 3025 (Part 37)
41	CHEMICAL- RESIDUES IN WATER	Drinking Water	Boron (as B)	IS 3025 (Part 57)
42	CHEMICAL- RESIDUES IN WATER	Drinking Water	Bromate(as BrO3)	IS 3025 (Part 67)
43	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cadmium(as Cd)	IS 3025 (Part 41)
44	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper (as Cu)	IS 3025 (Part 42)
45	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead (as Pb)	IS 3025 (Part 47)
46	CHEMICAL- RESIDUES IN WATER	Drinking Water	Magnesium (as Mg)	IS 3025 (Part 46)
47	CHEMICAL- RESIDUES IN WATER	Drinking Water	Manganese (as Mn)	IS 3025 (Part 59)
48	CHEMICAL- RESIDUES IN WATER	Drinking Water	Mercury (as Hg)	IS 3025 (Part 48)
49	CHEMICAL- RESIDUES IN WATER	Drinking Water	Nickel (as Ni)	IS 3025 (Part 54)
50	CHEMICAL- RESIDUES IN WATER	Drinking Water	Selenium (as Se)	IS 3025 (Part 56)
51	CHEMICAL- RESIDUES IN WATER	Drinking Water	Total Chromium (as Cr)	IS 3025 (Part 52)
52	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc (as Zn)	IS 3025 (Part 49)
53	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Potassium (as K)	IS 3025 (Part 45)
54	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Boron (as B)	IS 3025 (Part 57)
55	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Manganese (as Mn)	IS 3025 (Part 59)
56	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Sodium (as Na)	IS 3025 (Part 45)

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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
57	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Magnesium (as Mg)	IS 3025 (Part 46)
58	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Mercury (as Hg)	IS 3025 (Part 48)
59	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Nickel (as Ni)	IS 3025 (Part 54)
60	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Total Chromium (as Cr)	IS 3025 (Part 52)
61	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Aluminium (as Al)	IS 3025 (Part 55)
62	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Arsenic (as As)	IS 3025 (Part 37)
63	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Bromate (as BrO3)	IS 3025 (Part 67)
64	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Cadmium (as Cd)	IS 3025 (Part 41)
65	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Copper (as Cu)	IS 3025 (Part 42)
66	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Lead (as Pb)	IS 3025 (Part 47)
67	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Selenium (as Se)	IS 3025 (Part 56)
68	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Zinc (as Zn)	IS 3025 (Part 49)
69	CHEMICAL- WATER	Drinking Water	Ammonia (as total ammonia-N)	IS 3025 (Part 34)
70	CHEMICAL- WATER	Drinking Water	Barium (as Ba)	IS 13428 (Annex F)
71	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	IS 3025 (Part 40)
72	CHEMICAL- WATER	Drinking Water	Chloride (as Cl)	IS 3025 (Part 32)
73	CHEMICAL- WATER	Drinking Water	Choride (as Cl)	USEPA 300.1
74	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
75	CHEMICAL- WATER	Drinking Water	Fluoride (as F)	IS 3025 (Part 60)
76	CHEMICAL- WATER	Drinking Water	Fluoride (as F)	USEPA 300.1
77	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	IS 3025 (Part 26)
78	CHEMICAL- WATER	Drinking Water	Iron (as Fe)	IS 3025 (Part 53)
79	CHEMICAL- WATER	Drinking Water	Nitrate (as NO3)	IS 3025 (Part 34)

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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
80	CHEMICAL- WATER	Drinking Water	Nitrate (as NO3)	USEPA 300.1
81	CHEMICAL- WATER	Drinking Water	Nitrite (as NO2)	IS 3025 (Part 34)
82	CHEMICAL- WATER	Drinking Water	Nitrite (as NO2)	USEPA 300.1
83	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
84	CHEMICAL- WATER	Drinking Water	pH value	IS 3025 (Part 11)
85	CHEMICAL- WATER	Drinking Water	Phenolic compounds (as C6H5OH)	IS 3025 (Part 43)
86	CHEMICAL- WATER	Drinking Water	Silver (as Ag)	IS 13428 (Annex J)
87	CHEMICAL- WATER	Drinking Water	Sulphate (as SO4)	IS 3025 (Part 24)
88	CHEMICAL- WATER	Drinking Water	Sulphate (as SO4)	USEPA 300.1
89	CHEMICAL- WATER	Drinking Water	Sulphide (as H2S)	IS 3025 (Part 29)
90	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 8)
91	CHEMICAL- WATER	Drinking Water	Total alkalinity (as CaCO3)	IS 3025 (Part 23)
92	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
93	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCO3)	IS 3025 (Part 21)
94	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
95	CHEMICAL- WATER	Packaged Drinking Water	Antimony (as Sb)	IS 13428 (Annex G)
96	CHEMICAL- WATER	Packaged Drinking Water	Barium (as Ba)	13428 (Annex F)
97	CHEMICAL- WATER	Packaged Drinking Water	Borates (as B)	IS 13428 (Annex H)
98	CHEMICAL- WATER	Packaged Drinking Water	Calcium (as Ca)	IS 3025 (Part 40)
99	CHEMICAL- WATER	Packaged Drinking Water	Chloride (as Cl)	IS 3025 (Par 32)
100	CHEMICAL- WATER	Packaged Drinking Water	Chloride (as Cl)	USEPA 300.1
101	CHEMICAL- WATER	Packaged Drinking Water	Colour	IS 3025 (Part 4)
102	CHEMICAL- WATER	Packaged Drinking Water	Fluoride (as F)	IS 3025 (Part 60)
103	CHEMICAL- WATER	Packaged Drinking Water	Fluoride (as F)	USEPA 300.1
104	CHEMICAL- WATER	Packaged Drinking Water	Free Residual Chlorine	IS 3025 (Part 26)
105	CHEMICAL- WATER	Packaged Drinking Water	Iron (as Fe)	IS 3025 (Part 53)
106	CHEMICAL- WATER	Packaged Drinking Water	Nitrate (as NO3)	IS 3025 (Part 34)
107	CHEMICAL- WATER	Packaged Drinking Water	Nitrate(as NO3)	USEPA 300.1
108	CHEMICAL- WATER	Packaged Drinking Water	Nitrite (as NO2)	IS 3025 (Part 34)
109	CHEMICAL- WATER	Packaged Drinking Water	Nitrite(as NO2)	USEPA 300.1

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Laboratory Name : NATIONAL TEST HOUSE (NER), CITI COMPLEX, KALAPAHAR, GUWAHATI, KAMRUP METRO, ASSAM, INDIA

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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
110	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS 3025 (Part 5)
111	CHEMICAL- WATER	Packaged Drinking Water	pH value	IS 3025 (Part 11)
112	CHEMICAL- WATER	Packaged Drinking Water	Phenolic compounds (as C6H5OH)	IS 3025 (Part 43)
113	CHEMICAL- WATER	Packaged Drinking Water	Silver (as Ag)	IS 13428 (Annex J)
114	CHEMICAL- WATER	Packaged Drinking Water	Sulphate (as SO4)	IS 3025 (Part 24)
115	CHEMICAL- WATER	Packaged Drinking Water	Sulphate (as SO4)	USEPA 300.1
116	CHEMICAL- WATER	Packaged Drinking Water	Sulphide (as H2S)	IS 3025 (Part 29)
117	CHEMICAL- WATER	Packaged Drinking Water	Taste	IS 3025 (Part 8)
118	CHEMICAL- WATER	Packaged Drinking Water	Total alkalinity (as CaCO3)	IS 3025 (Part 23)
119	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
120	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness (as CaCO3)	IS 3025 (Part 21)
121	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 (Part 10)
122	CHEMICAL- WATER	Water for construction purpose	Chlorides (as Cl)	IS 3025 (Part 32)
123	CHEMICAL- WATER	Water for construction purpose	Inorganic solids	IS 3025 (Part 18)
124	CHEMICAL- WATER	Water for construction purpose	Organic solids	IS 3025 (Part 18)
125	CHEMICAL- WATER	Water for construction purpose	pH value	IS 3025 (Part 11)
126	CHEMICAL- WATER	Water for construction purpose	Sulphates (as SO3)	IS 3025 (Part 24)
127	CHEMICAL- WATER	Water for construction purpose	Suspended matter	IS 3025 (Part 17)
128	CHEMICAL- WATER	Water for construction purpose	Volume in ml of 0.02N H2SO4 required for neutralisation of 100 ml of sample using mixed indicator	IS 3025 (Part 23)
129	CHEMICAL- WATER	Water for construction purpose	Volume in ml of 0.02N NaOH required for neutralisation of 100 ml of sample using phenolphthalein indicator	IS 3025 (Part 22)
130	MECHANICAL- BUILDINGS MATERIALS	Aggregate- Coarse	Materials Finer than 75 micron	IS 2386 (Part 1)
131	MECHANICAL- BUILDINGS MATERIALS	Aggregate- Coarse	10 percent Fines Value	IS 2386 (Part 4)
132	MECHANICAL- BUILDINGS MATERIALS	Aggregate- Coarse	Crushing Value	IS 2386 (Part 4)
133	MECHANICAL- BUILDINGS MATERIALS	Aggregate- Coarse	Elongation Index	IS 2386 (Part 1)

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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
134	MECHANICAL- BUILDINGS MATERIALS	Aggregate- Coarse	Flakiness Index	IS 383
135	MECHANICAL- BUILDINGS MATERIALS	Aggregate- Coarse	Impact Value	IS 2386 (Part 4):
136	MECHANICAL- BUILDINGS MATERIALS	Aggregate- Coarse	Los Angeles Abrasion Value	IS 2386 (Part-4)
137	MECHANICAL- BUILDINGS MATERIALS	Aggregate- Coarse	Sieve Analysis (2.36 mm, 4.75 mm, 10 mm, 12.5 mm, 16 mm, 20 mm, 40 mm, 63 mm, 80 mm)	IS 2386 (Part 1)
138	MECHANICAL- BUILDINGS MATERIALS	Aggregate- Coarse	Specific Gravity	IS 2386 (Part 3):
139	MECHANICAL- BUILDINGS MATERIALS	Aggregate- Coarse	Water Absorption	IS 2386 (Part 3):
140	MECHANICAL- BUILDINGS MATERIALS	Aggregate- Fine	Materials Finer than 75 micron	IS 2386 (Part 1):
141	MECHANICAL- BUILDINGS MATERIALS	Aggregate- Fine	Sieve Analysis (150 micron, 300 micron, 600 micron, 1.18 mm, 2.36 mm, 4.75 mm, 10 mm)	IS 2386 (Part 1):
142	MECHANICAL- BUILDINGS MATERIALS	Aggregate- Fine	Specific Gravity	IS 2386 (Part 3):
143	MECHANICAL- BUILDINGS MATERIALS	Aggregate- Fine	Water Absorption	IS 2386 (Part 3):
144	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimensions - Length	IS 1077:
145	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimensions - Width	IS 1077:
146	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimensions - Width	IS 12894;
147	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimensions- Height	IS 1077:
148	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks & Fly Ash Bricks	Compressive Strength	IS 3495 (Part 1)
149	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks & Fly Ash Bricks	Water Absorption	IS 3495 (Part 2)
150	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks & Fly Ash Bricks	Efflorescence	IS 3495 (Part 3)

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151	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Fineness by Blaine's Air Permeability	IS 4031 (Part 2):
152	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Initial Setting Time	IS 4031 (Part 5):
153	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Drying Shrinkage	IS 4031 (Part 10) :
154	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Compressive Strength	IS 4031 (Part 6)
155	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Final Setting Time	IS 4031 (Part 5)
156	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Soundness by Autoclave Method	IS 4061 (Part 3)
157	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Soundness by Le Chatelier Method	IS 4031 (Part 3)
158	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Standard Consistency	IS 4031 (Part 4)
159	MECHANICAL- BUILDINGS MATERIALS	Cement(OPC/PPC/PSC)	Density	IS 4031 (Part 11)
160	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS: 2386 (Part-III)
161	MECHANICAL- BUILDINGS MATERIALS	Construction Water	Comparision of Compressive strength	IS 516
162	MECHANICAL- BUILDINGS MATERIALS	Construction Water	Comparision of Initial serttinf time	IS 4031 : Part 5
163	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Surface Moisture	IS 2386 (Part 3):
164	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregtaes	Bulk Density	IS 2386 (Part 3):
165	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimensions - Height	IS 12894;
166	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimensions - Length	IS 12894;
167	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength-(Cube/Core)	IS 516 :
168	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Water Absorption	IS 15658
169	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Abrasion Resistance	IS 15658

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170	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Compressive Strength	IS 15658
171	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Dimensions - Height	IS 15658
172	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Dimensions - Width	IS 15658
173	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Dimensions-Length	IS 15658
174	MECHANICAL- BUILDINGS MATERIALS	Pressed Ceramic Tiles	Breaking Strength	IS 15622
175	MECHANICAL- BUILDINGS MATERIALS	Pressed Ceramic Tiles	Dimension-Length	IS 15622
176	MECHANICAL- BUILDINGS MATERIALS	Pressed Ceramic Tiles	Dimension-Thickness	IS 15622
177	MECHANICAL- BUILDINGS MATERIALS	Pressed Ceramic Tiles	Dimension-Width	IS 15622
178	MECHANICAL- BUILDINGS MATERIALS	Pressed Ceramic Tiles	Modulus of Rupture	IS 15622
179	MECHANICAL- BUILDINGS MATERIALS	Pressed Ceramic Tiles	Water Absorption	IS 15622
180	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High strength deformed Steel bars and wires for concrete reinforcements	Re-bend test	IS 1786
181	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High strength deformed Steel bars and wires for concrete reinforcements	Mass per meter	IS 1786
182	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High strength deformed Steel bars and wires for concrete reinforcements	Mean projected rib area per unit length	IS 1786
183	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High strength deformed Steel bars and wires for concrete reinforcements	Total elongation at maximum force %	IS 1608 (Part 1)
184	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars, Structural Steel, Steel Tubes, Sections, Bars, Rods, Cast Iron and all types of Ferrous and Non- Ferrous Products	Bend test	IS 1599
185	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars, Structural Steel, Steel Tubes, Sections, Bars, Rods, Cast Iron and all types of Ferrous and Non- Ferrous Products	Percentage Elongation	IS 1608 (Part 1)

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186	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars, Structural Steel, Steel Tubes, Sections, Bars, Rods, Cast Iron and all types of Ferrous and Non- Ferrous Products	Tensile Strength	IS 1608 (Part 1)
187	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars, Structural Steel, Steel Tubes, Sections, Bars, Rods, Cast Iron and all types of Ferrous and Non- Ferrous Products	Yield Stress	IS 1608 (Part 1)
188	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Tubes	Flattening Test	IS 2328

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.