National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : NEON INDUSTRIAL TESTING AND RESEARCH LABORATORY, KHASRA NO-205 A, 205B, VILLAGE RAJPURA, MEERUT, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 21/12/2022 to 20/12/2024 **Last Amended on** 25/04/2023

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	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water	E.coli	IS 1622
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	waste Water	Faecal streptococci	IS 1622
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water	Faecal Coliform	IS 1622
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water	Total Coliform	IS 1622
5	BIOLOGICAL- WATER	Drinking Water/Ground Water/Surface Water/Swimming Pool Water/ Cooling Tower Water	E.coli	IS 1622
6	BIOLOGICAL- WATER	Drinking Water/Ground Water/Surface Water/Swimming Pool Water/ Cooling Tower Water	Faecal Coliform	IS 1622:
7	BIOLOGICAL- WATER	Drinking Water/Ground Water/Surface Water/Swimming Pool Water/ Cooling Tower Water	Standard Plate Count (SPC)	IS 1622, IS 3328
8	BIOLOGICAL- WATER	Drinking Water/Ground Water/Surface Water/Swimming Pool Water/ Cooling Tower Water	Total Coliform	IS 1622
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel	CPCB Guidelines Volume-I-2011(By AAS Method)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon Monoxide (CO)	IS 5182 (Part-10)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ammonia (NH3)	SOP No. NEON/SP/44 based on CPCB Guideline Volume-I-, Page-49-51
12	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Arsenic (As)	SOP No. NEON/SP/44 CPCB Guidelines Volume-I Page-51,53 (By AAS Method)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzene (C6H6)	IS-5182 (Part-11)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzo (a) Pyrene(BaP)	IS-5182(part-12)
15	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead (Pb)	IS 5182 (Part-22)
16	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nitrogen Dioxide (NO2)	IS 5182 (Part-6)

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17	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone (O3)	IS-5182 (Part-9)
18	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Total Suspended Particulate Matter	IS 5182 (Part-4)
19	CHEMICAL- ATMOSPHERIC POLLUTION	AMBIENT AIR QUALITY	Particulate Matter (PM 2.5)	IS 5182 (Part-24)
20	CHEMICAL- ATMOSPHERIC POLLUTION	AMBIENT AIR QUALITY	Particulate Matter (PM10)	IS 5182 (Part 23)
21	CHEMICAL- ATMOSPHERIC POLLUTION	AMBIENT AIR QUALITY	Sulphur Dioxide (SO2)	IS 5182 (Part-2)
22	CHEMICAL- ATMOSPHERIC POLLUTION	SOURCE NOISE	SOURCE NOISE TESTING -dB(A)	IS 4758
23	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emision	Carbon Monoxide (CO)	IS 13270
24	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen (NO2)	IS 11255 (Part-7)
25	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Acid Mist (HCl)	SOP No. NEON/SP/ 45based on EPA Method (0050)
26	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon Dioxide (CO2)	IS 13270
27	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Non Methane hydrocarbon	EPA Method 25A
28	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxygen (O2)	IS 13270
29	CHEMICAL- ATMOSPHERIC POLLUTION	STACK EMISSION	Particulate Matter (PM)	IS 11255 (Part-1)
30	CHEMICAL- ATMOSPHERIC POLLUTION	STACK EMISSION	Sulphur Dioxide (SO2)	IS 11255 (Part-7)
31	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Temperature	IS -11255 (Part -2)
32	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Velocity & flow	IS -11255 (Part-3)
33	CHEMICAL- BUILDING MATERIAL	OPC & PPC	Magnesia (as MgO)	IS:4032
34	CHEMICAL- BUILDING MATERIAL	OPC& PPC	Silica(as Sio2)	IS:4032
35	CHEMICAL- BUILDING MATERIAL	OPC&PPC	Alumina (as Al2O3)	IS:4032

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36	CHEMICAL- BUILDING MATERIAL	OPC&PPC	Calcium Oxide as CaO	IS:4032
37	CHEMICAL- BUILDING MATERIAL	OPC&PPC	Insoluble Matter	IS:4032
38	CHEMICAL- BUILDING MATERIAL	OPC&PPC	Iron oxide(as Fe2O3)	IS:4032
39	CHEMICAL- BUILDING MATERIAL	OPC&PPC	Loss on Ignition	IS:4032
40	CHEMICAL- BUILDING MATERIAL	OPC&PPC	Sulphuric Anhydride (as SO3)	IS:4032
41	CHEMICAL- POLLUTION & ENVIRONMENT	ETP&STP Water	Barium(Ba)	IS 13428-2005 Annex-F
42	CHEMICAL- POLLUTION & ENVIRONMENT	ETP&STP Water	Mercury (Hg)	APHA 23rd Ed(P-3111B (By AAS method)
43	CHEMICAL- POLLUTION & ENVIRONMENT	ETP&STP Water	Arsenic (As)	APHA 23rd Edn. Page3111B (By AAS Method)
44	CHEMICAL- POLLUTION & ENVIRONMENT	ETP&STP Water	Selenium (Se)	APHA-22rd Ed, Page3111B (By AAS Method)
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cadmium (Cd)	APHA 23rd Ed (Page-3111) (By AAS Method)
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen	IS 3025(P-34)
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Biological Oxygen Demand (BOD) -3 Days	IS 3025 (Part-44)
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Boron (B)	APHA 23rd Ed 3107:2017
49	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium (Ca)	IS-3025 (P-40)
50	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	IS 3025 (Part-58)
51	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chloride (Cl)	IS-3025 (P-32)
52	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chromium (Hexa)	APHA 23rd Ed (P-3.69) (Diphenyl Carbarzide Method)
53	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chromium (Total)	APHA 23rd Ed Page 3111B (By AAS Method)
54	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Colour	IS-3025 (Part-4)

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55	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Copper(Cu)	APHA 23rd Ed Page 3111B (By AAS Method)
56	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Cyanide (CN)	IS 3025 (P-27) Sec 1
57	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	IS 3025 (P-38)
58	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fixed Dissolved Solids	IS-3025 (P-18)
59	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluoride (F)	APHA 23rd Ed Page-4086
60	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Free Residue Chlorine	IS-3025 (P-26)
61	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Lead (Pb)	APHA 23rd Ed Page 3111C (By AAS Method)
62	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium	IS-3025 (P-46)
63	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Manganese(Mn)	APHA 23rd Edn (P-Method) Page- 3111 B
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nickel (Ni)	APHA 23rd Ed (By AAS Method) 2017
65	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	Nitrate as NO3	IS 3025 (Part-34)
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrite (NO2)	IS 3025 (P-34)
67	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Odour	IS-3025 (Part-5)
68	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	Oil & Grease	IS 3025 (Part-39)
69	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	pH	IS 3025 (Part-11)
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phenolic compounds	IS-3025 (P-43)-Sec 1
71	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate (PO4)	IS 3025 (P-31)
72	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Silica	IS-3025 (P-35)
73	CHEMICAL- POLLUTION & ENVIRONMENT	waste Water	Sodium (Na)	IS-3025 (P-45)

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74	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium Absorbtion ratio(S.A.R)	IS 11624
75	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate (SO4)	APHA 23 edition
76	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	Sulphate as SO4	IS 3025 (Part-24) Sec 1
77	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphide (S)	IS 3025 (P-29)
78	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	Temperature	IS 3025 (Part-9)
79	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	TKN	IS-3025 (P-34)
80	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	Total Dissolved Solids	IS 3025 (Part-16)
81	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness	Is-3025 (P-21)
82	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	Total Iron as Fe	IS 3025 (Part-53)
83	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids	APHA 23rd Ed Page2066 -2073
84	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	Total Suspended Solids	IS 3025 (Part-17)
85	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Turbidty	IS-3025 (P-10)
86	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Zinc (Zn)	APHA 23rd Edition (By AAS Method)
87	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Ammonia (NH3)	IS 3025 (P-34)
88	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Ammonical Nitrogen	IS 3025(P-34)
89	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Calcium Hardness	IS-3025 (P-40)
90	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Colour	IS-3025 (P-4)
91	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Dissolved Oxygen	IS 3025 (P-38)
92	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Fluoride	APHA 23rd Ed Page 4086
93	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Free Residue Chlorine	IS-3025 (P-26)
94	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Magnesium Hardness	IS-3025 (P-46)
95	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Nitrite	IS 3025 (P-34)
96	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Odour	IS-3025 (P-5)

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97	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	pH	IS-3025(P-11)
98	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Phenolic compounds	IS-3025 (P-43) Sec 1
99	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Phosphate (PO4)	IS 3025 (P-31)
100	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Phosphate (PO4)	IS 3025 (P-31)
101	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Potassium	IS-3025 (P-45)
102	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Silica(SiO2)	IS 3025 (P-35)
103	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Sodium (Na)	IS-3025(P-45)
104	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Sulphide as (S)	IS 3025(P-29)
105	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Taste	IS 3025 (P -7)
106	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Temperature	IS-3025 (P-9)
107	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Total Acidity	APHA 23 Ed. Page-3811
108	CHEMICAL- WATER	Drinking Water, Ground Water, Packaged Drinking Water	Total Solids	APHA 23rd Ed Page 2066-2073
109	CHEMICAL- WATER	RO WATER / BOREWELL WATER / GROUND WATER	Electrical Conductivity	IS 3025 (Part-14)
110	CHEMICAL- WATER	RO WATER / BOREWELL WATER / GROUND WATER	Nitrate as NO3	IS 3025 (Part-34)
111	CHEMICAL- WATER	RO WATER / BOREWELL WATER / GROUND WATER	pH	IS 3025 (Part-11)
112	CHEMICAL- WATER	RO WATER / BOREWELL WATER / GROUND WATER	Sulphate as SO4	IS 3025 (Part-24) Sec 1
113	CHEMICAL- WATER	RO WATER / BOREWELL WATER / GROUND WATER	Total Alkalinity	IS 3025 (Part-23)
114	CHEMICAL- WATER	RO WATER / BOREWELL WATER / GROUND WATER	Total Dissolved Solids	IS 3025 (Part-16)
115	CHEMICAL- WATER	RO WATER / BOREWELL WATER / GROUND WATER	Total Hardness as CaCO3	IS 3025 (Part-21)
116	CHEMICAL- WATER	RO WATER / BOREWELL WATER / GROUND WATER	Turbidity	IS 3025 (Part-10)
117	CHEMICAL- WATER	RO WATER / BOREWELL/ GROUND WATER	Chloride	IS 3025 (Part-32)
118	CHEMICAL- WATER	RO WATER/ BOREWELL WATER / GROUD WATER	Calcium as Ca	IS 3025 (Part-40)
119	CHEMICAL- WATER	Water for construction purpose	Chloride (Cl)	IS-3025 (P-32)
120	CHEMICAL- WATER	Water for construction purpose	Inorganic solids	IS- 3025(Part 18)
121	CHEMICAL- WATER	Water for construction purpose	Neutralisation of 100 ml of water sample with mixed indicator using 0.02 N , H2SO4	IS 3025 (Part 23
122	CHEMICAL- WATER	Water for construction purpose	Neutralisation of 100 ml of water sample with phenolphthalein indicator using 0. 02 N , NaOH	IS 3025 (Part 22)
123	CHEMICAL- WATER	Water for construction purpose	Organic solids	IS -3025(Part 18)

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124	CHEMICAL- WATER	Water for construction purpose	Sulphate(So3)	IS 3025(Part24) Sec 1
125	CHEMICAL- WATER	Water for construction purpose	Suspended matter	IS 3025(Part17)
126	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Final setting time	IS:1199 (P-7)
127	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Initial Setting Time	IS:1199 (P-7)
128	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Water content	IS:9103
129	MECHANICAL- BUILDINGS MATERIALS	Bituman	Flash point	IS 1448 (Part 69)
130	MECHANICAL- BUILDINGS MATERIALS	Bituman	Penetration Value (Tenths of a Millimetre)	IS 1203
131	MECHANICAL- BUILDINGS MATERIALS	Bituman	Softening Point	IS 1205
132	MECHANICAL- BUILDINGS MATERIALS	Bituman	Solubility Test by Tricholoethylene	IS 1216
133	MECHANICAL- BUILDINGS MATERIALS	Bituman	Specific Gravity	IS 1202
134	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 (Part 1)
135	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (Part 3)
136	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water absorption	IS 3495 (Part 2)
137	MECHANICAL- BUILDINGS MATERIALS	Bricks & Fly ash	Dimension Breadth (20 bricks)	IS 1077
138	MECHANICAL- BUILDINGS MATERIALS	Bricks&Fly ash	Dimensions Height (20 Bricks)	IS 1077
139	MECHANICAL- BUILDINGS MATERIALS	Bricks&Fly ash	Dimensions Length (20 Bricks)	IS 1077
140	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC&PPC)	Compressive Strength	IS 4031 (Part 6)
141	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC&PPC)	Consistency	IS 4031 (Part 4)
142	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC&PPC)	Fineness Blaine air permeability method	IS 4031 (P-2)
143	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC&PPC)	Setting time (Final)	IS 4031 (Part 5)

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144	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC&PPC)	Setting time (Initial)	IS 4031 (Part 5)
145	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC&PPC)	Soundness Le-chatelier method	IS 4031 (P-3)
146	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC&PPC)	Specific gravity	IS 4031 (Part 11)
147	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 (Part 4)
148	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
149	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material Coal & Lignite	IS 2386 (part 2)
150	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material Clay Lumps	IS 2386 (Part 2)
151	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Determination of material Finer than 75micron IS sieve	IS 2386 (Part 1)
152	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
153	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
154	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 (Part 1)
155	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (MgSO4)	IS 2386 (Part 5)
156	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (Na2SO4)	IS 2386 (Part 5)
157	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
158	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
159	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact value	IS 2386 (Part 4)
160	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516 (P-1)
161	MECHANICAL- BUILDINGS MATERIALS	Concrete	L-Box Test	IS:1199: Part 2
162	MECHANICAL- BUILDINGS MATERIALS	Concrete	Sieve Segregation Resistance Test	IS:1199: Part 2

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163	MECHANICAL- BUILDINGS MATERIALS	Concrete	Slump	IS-1199
164	MECHANICAL- BUILDINGS MATERIALS	Concrete	Slump Flow mm T 500	IS:1199: Part 2
165	MECHANICAL- BUILDINGS MATERIALS	Concrete	Slump Value mm	IS:1199: Part 2:
166	MECHANICAL- BUILDINGS MATERIALS	Concrete	Slump Flow	IS:1199: Part 2
167	MECHANICAL- BUILDINGS MATERIALS	Concrete	V-Funnel Test	IS:1199: Part 2
168	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
169	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Materials Clay Lumps	IS 2386 (Part 2)
170	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Materials Coal & Lignite	IS 2386 (Part 1)
171	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Determination of material	IS 2386 (Part 1)
172	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Determination of material Finer than 75micron IS sieve	IS 2386 (Part 1):
173	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS 2386 (Part 2)
174	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (Part 2I)
175	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness (MgSO4)	IS 2386 (Part 5)
176	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness (Na2SO4)	IS 2386 (Part 5)
177	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
178	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
179	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Loss of workability	IS:1199 part 2
180	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
181	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimensions	IS 15658

SCOPE OF ACCREDITATION

Laboratory Name : NEON INDUSTRIAL TESTING AND RESEARCH LABORATORY, KHASRA NO-205 A, 205B, VILLAGE RAJPURA, MEERUT, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9175 **Page No** 10 of 10

Validity 21/12/2022 to 20/12/2024 **Last Amended on** 25/04/2023

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
182	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
183	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness	IS:6186
184	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture	IS:6186
185	MECHANICAL- SOIL AND ROCK	Soil, Granular Material	CBR (Soaked)	IS 2720 (Part 16)
186	MECHANICAL- SOIL AND ROCK	Soil, Granular Material	Free Swell Index	IS 2720 (part 40)
187	MECHANICAL- SOIL AND ROCK	Soil, Granular Material	Grain size distribution (4.75 mm to 0.002 mm)	IS 2720 (Part 4)
188	MECHANICAL- SOIL AND ROCK	Soil, Granular Material	Heavy Compaction Test (MDD)	IS 2720 (Part 8)
189	MECHANICAL- SOIL AND ROCK	Soil, Granular Material	Heavy Compaction Test (OMC)	IS 2720 (Part 8)
190	MECHANICAL- SOIL AND ROCK	Soil, Granular Material	Heavy Compaction Test (OMC)	IS 2720 (Part 8)
191	MECHANICAL- SOIL AND ROCK	Soil, Granular Material	Light Compaction Test.(MDD)	IS 2720 (Part 8)
192	MECHANICAL- SOIL AND ROCK	Soil, Granular Material	Light Compaction Test.(OMC)	IS 2720 (Part 8)
193	MECHANICAL- SOIL AND ROCK	Soil, Granular Material	Liquid Limit	IS 2720 (Part 5)
194	MECHANICAL- SOIL AND ROCK	Soil, Granular Material	Plastic Limit	IS 2720 (Part 5)
195	MECHANICAL- SOIL AND ROCK	Soil, Granular Material	Shrinkage Limit	IS 2720 (Part 6)
196	MECHANICAL- SOIL AND ROCK	Soil, Granular Material	Specific gravity	IS 2720 (Part 3)
197	MECHANICAL- SOIL AND ROCK	Soil, Granular Material	Unconfined Compressive Strength of Soil	IS 2720 (Part 10)
198	MECHANICAL- SOIL AND ROCK	Soil, Granular Material	Water content	IS 2720 (Part 8)
199	MECHANICAL- SOIL AND ROCK	Soil, Granular Material & Bentonite Clay	Plasticity Index	IS 2720 (Part 5)