National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHRI OM TESTING & RESEARCH LABORATORY, PLOT NO. 296, GHARI CHAUKHANDI, SECTOR 121, GAUTAM BUDDHA NAGAR, NOIDA, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6376 **Page No** 1 of 6

Validity 09/06/2022 to 08/06/2024 **Last Amended on** -

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- ATMOSPHERIC POLLUTION	AIR,GASES AND ATMOSPHERE (AMBIENT)	Ammonia (as NH3)	STRL/LAB/AIR/SOP/01 Issue No. 01
2	CHEMICAL- ATMOSPHERIC POLLUTION	AIR,GASES AND ATMOSPHERE (AMBIENT)	Nitrogen Oxide (as NO2)	IS 5182 Part-6
3	CHEMICAL- ATMOSPHERIC POLLUTION	AIR,GASES AND ATMOSPHERE (AMBIENT)	Ozone (as O3)	IS 5182 Part-9
4	CHEMICAL- ATMOSPHERIC POLLUTION	AIR,GASES AND ATMOSPHERE (AMBIENT)	Particulate Matter (size less than 10 µm) or PM10	IS 5182 Part-23
5	CHEMICAL- ATMOSPHERIC POLLUTION	AIR,GASES AND ATMOSPHERE (AMBIENT)	Particulate Matter (size less than 2.5µm) OR PM2.5	IS 5182 Part-24
6	CHEMICAL- ATMOSPHERIC POLLUTION	AIR,GASES AND ATMOSPHERE (AMBIENT)	Sulphur Dioxide (as SO2)	IS 5182 Part-2
7	CHEMICAL- ATMOSPHERIC POLLUTION	ILLUMINATION LEVEL	Light Intensity (Lux Level)	IS 6665
8	CHEMICAL- ATMOSPHERIC POLLUTION	NOISE LEVEL MEASUREMENT (EXCLUDING VIBRATIONS)	Ambient Noise Level (as Leq)	IS 9989
9	CHEMICAL- ATMOSPHERIC POLLUTION	NOISE LEVEL MEASUREMENT (EXCLUDING VIBRATIONS)	Source Noise Level (as Leq)	IS 4758
10	CHEMICAL- ATMOSPHERIC POLLUTION	STACK EMISSIONS (SOURCE EMISSIONS)	Ammonia	IS 11255 Part-6
11	CHEMICAL- ATMOSPHERIC POLLUTION	STACK EMISSIONS (SOURCE EMISSIONS)	Nitrogen Oxide (NO2)	IS 11255 Part-7
12	CHEMICAL- ATMOSPHERIC POLLUTION	STACK EMISSIONS (SOURCE EMISSIONS)	Particulate Matter (Except Incinerators, Boilers & DG sets)	IS 11255 Part-1
13	CHEMICAL- ATMOSPHERIC POLLUTION	STACK EMISSIONS (SOURCE EMISSIONS)	Sulphur Dioxide	IS 11255 Part-2
14	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	Bulk Density	IS 2720 Part-29
15	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	Chloride	STRL/STP/SOIL/14 Issue No. 01
16	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	Clay	IS 2720 Part-4
17	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	Conductivity	IS 2720 Part-21
18	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	Conductivity	IS 2720 Part-21

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6376 **Page No** 2 of 6

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19	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	Magnesium	STRL/STP/SOIL/08 Issue No. 01
20	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	Moisture content	IS 2720 Part-2
21	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	Organic Carbon	IS 2720 Part 22
22	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	Organic Matter	IS 2720 Part-22
23	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	pH	IS 2720 Part-26
24	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	Phosphorus as P	IS 10158
25	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	Sand	IS 2720 Part-4
26	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	Silt	IS 2720 Part-4
27	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	Sodium Adsorption Ratio (SAR)	STRL/STP/SOIL/18 Issue No. 01
28	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	Sulphate	IS 2720 Part-27
29	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	Sulphur	IS 14685
30	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	Water Soluble Sulphate	IS 2720 Part-27
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonia	APHA 4500 NH3-C.23rd Ed.
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen	IS 3025 Part-34
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Conductivity	IS 3025 Part-14
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate	IS 3025 Part-31
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldahl Nitrogen	IS 3025 Part-34
36	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER AND EFFLUENTS	Biological Oxygen Demand	IS 3025 Part-44
37	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER AND EFFLUENTS	Chemical Oxygen Demand	APHA-5220B 23rd EDITION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6376 **Page No** 3 of 6

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38	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER AND EFFLUENTS	Nitrate	IS 3025 Part-34
39	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER AND EFFLUENTS	Nitrite	IS 3025 Pt-9
40	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER AND EFFLUENTS	Oil & Grease	IS 3025 Part-39
41	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER AND EFFLUENTS	pH	IS 3025 Part-11
42	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER AND EFFLUENTS	Total Dissolved Solids	IS 3025 Part-16
43	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER AND EFFLUENTS	Total Suspended Solids	IS 3025 Part-17
44	CHEMICAL- WATER	Battery Water	Chloride	IS 3025 Part-32
45	CHEMICAL- WATER	Battery Water	Conductivity	IS 3025 Part-14
46	CHEMICAL- WATER	Battery Water	Iron	IS 3025 Part-53 METHOD 6 , SPECTROPHOTOMETER
47	CHEMICAL- WATER	Battery Water	pH	IS 3025 Part-11
48	CHEMICAL- WATER	Battery Water	Total Dissolved Solids	IS 3025 Part-16
49	CHEMICAL- WATER	Battery Water	Total Hardness	IS 3025 Part-21
50	CHEMICAL- WATER	Construction Water	Chloride	IS 3025 Part-32
51	CHEMICAL- WATER	Construction Water	Inorganic Solids	IS 3025 Part-18
52	CHEMICAL- WATER	Construction Water	Organic Solids	IS 3025 Part 18
53	CHEMICAL- WATER	Construction Water	pH	IS 3025 Part-11
54	CHEMICAL- WATER	Construction Water	Sulphate	IS 3025 Part-24
55	CHEMICAL- WATER	Construction Water	Total Suspended Matter	IS 3025 Part-17
56	CHEMICAL- WATER	Construction Water	Volume of 0.02N H_2SO_4 required to neutralize 100 ml sample of water using Methyl Orange	IS 3025 Part-23
57	CHEMICAL- WATER	Construction Water	Volume of 0.02N NaOH required to neutralize 100 ml sample of water using Phenolpthalein	IS 3025 Part-22
58	CHEMICAL- WATER	Drinking Water	Acidity	IS 3025 Part-22
59	CHEMICAL- WATER	Drinking Water	Alkalinity	IS 3025 Part-23
60	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 Part-40

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6376 **Page No** 4 of 6

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61	CHEMICAL- WATER	Drinking Water	Carbonate & Bicarbonate	IS 3025 Part-51
62	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 Part-32
63	CHEMICAL- WATER	Drinking Water	Chromium Hexavalent	IS 3025 Part-52 METHOD 6 SPECTROPHOTOMETER
64	CHEMICAL- WATER	Drinking Water	Conductivity at 25 Deg C	IS 3025 Part-14
65	CHEMICAL- WATER	Drinking Water	Fluoride	APHA 4500F (D) 23rd EDITION
66	CHEMICAL- WATER	Drinking Water	Iron	IS 3025 Part-53
67	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 Part-46
68	CHEMICAL- WATER	Drinking Water	Nitrate as (NO3)	IS 3025 Part-34
69	CHEMICAL- WATER	Drinking Water	Nitrate Nitrogen	IS 3025 Part-34
70	CHEMICAL- WATER	Drinking Water	Nitrite as (NO2)	IS 3025 Part-9
71	CHEMICAL- WATER	Drinking Water	Odor	IS 3025 Part-5
72	CHEMICAL- WATER	Drinking Water	pH	IS 3025 Part-11
73	CHEMICAL- WATER	Drinking Water	Phosphate (PO4)	IS 3025 Part-32
74	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS 3025 Part-26
75	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025 Part-24
76	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 Part-7&8
77	CHEMICAL- WATER	Drinking Water	Temperature	APHA 2550:23rd Ed.
78	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	IS 3025 Part-16 GRAVIMETRIC
79	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 Part-21 EDTA METHOD
80	CHEMICAL- WATER	Drinking Water	Total Solid	IS 3025 Part-15
81	CHEMICAL- WATER	Drinking Water	TOTAL SUSPENDED SOLIDS	IS 3025 Part-17 GRAVIMETRIC METHOD
82	CHEMICAL- WATER	Ground Water	ACIDITY	IS 3025 Part-22
83	CHEMICAL- WATER	GROUND WATER	ALKALINITY	IS 3025 Part-23
84	CHEMICAL- WATER	GROUND WATER	Biological Oxygen Demand	IS 3025 Part-44
85	CHEMICAL- WATER	Ground Water	Carbonate & Bicarbonate	IS 3025 Part-51
86	CHEMICAL- WATER	GROUND WATER	Chemical Oxygen Demand	APHA 5220B 23rd EDITION
87	CHEMICAL- WATER	GROUND WATER	Chemical Oxygen Demand	IS 3025 Part-40 METHOD 5 EDTA TITRIMETRIC
88	CHEMICAL- WATER	GROUND WATER	Chloride	IS 3025 Part-32

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Certificate Number TC-6376 **Page No** 5 of 6

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89	CHEMICAL- WATER	GROUND WATER	Chromium (Hexavalent)	IS 3025 Part-52 METHOD 6 SPECTROPHOTOMETER
90	CHEMICAL- WATER	GROUND WATER	Conductivity at 25 deg C	IS 3025 Part-14
91	CHEMICAL- WATER	GROUND WATER	Fluoride	APHA 4500F (D) 23rd EDITION
92	CHEMICAL- WATER	GROUND WATER	Iron	IS 3025 Part-53 METHOD 6 , SPECTROPHOTOMETER
93	CHEMICAL- WATER	GROUND WATER	MAGNESIUM	IS 3025 Part-46 BY CALCULATION
94	CHEMICAL- WATER	Ground Water	Nitrate as (NO3)	IS 3025 Part-34
95	CHEMICAL- WATER	Ground Water	Nitrate Nitrogen	IS 3025 Part-34
96	CHEMICAL- WATER	Ground Water	Nitrite as (NO2)	IS 3025 Part-9
97	CHEMICAL- WATER	Ground Water	Odor	IS 3025 Part-5
98	CHEMICAL- WATER	GROUND WATER	pH	IS 3025 Part-11 PH METER
99	CHEMICAL- WATER	GROUND WATER	Phosphate (PO4)	IS 3025 Part-31
100	CHEMICAL- WATER	GROUND WATER	Sulphate	IS 3025 Part-24 TURBIDITY METHOD
101	CHEMICAL- WATER	Ground Water	Taste	IS 3025 Part-7&8
102	CHEMICAL- WATER	Ground Water	Temperature	APHA 2550:23rd Ed. 2017
103	CHEMICAL- WATER	GROUND WATER	Total Dissolved Solids (TDS)	IS 3025 Part-16 GRAVIMETRIC
104	CHEMICAL- WATER	GROUND WATER	Total Hardness	IS 3025 Part-21 EDTA METHOD
105	CHEMICAL- WATER	GROUND WATER	Total Solid	IS 3025 Part-15 GRAVIMETRIC
106	CHEMICAL- WATER	GROUND WATER	Total Suspended Solids	IS 3025 Part-17 GRAVIMETRIC METRIC METHOD
107	CHEMICAL- WATER	Reagent Grade Water	pH	IS 3025 Part-11
108	CHEMICAL- WATER	Reagent Grade Water	Specific Conductivity	IS 3025 Part-14
109	CHEMICAL- WATER	Reagent Grade Water	Total Solids/Non Volatile Residue	IS 3025 Part-18
110	CHEMICAL- WATER	Surface Water	Acidity	IS 3025 Part-22
111	CHEMICAL- WATER	SURFACE WATER	Alkalinity	IS 3025 Part-23
112	CHEMICAL- WATER	SURFACE WATER	Biological Oxygen Demand	IS 3025 Part-44
113	CHEMICAL- WATER	SURFACE WATER	Calcium	IS 3025 Part-40 METHOD 5 , EDTA TITRIMETRIC
114	CHEMICAL- WATER	Surface Water	Carbonate & Bicarbonate	IS 3025- Part-51

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115	CHEMICAL- WATER	SURFACE WATER	Chemical Oxygen Demand	APHA 5220B 23rd EDITION
116	CHEMICAL- WATER	SURFACE WATER	Chloride	IS 3025 Part-32
117	CHEMICAL- WATER	SURFACE WATER	Chromium (Hexavalent)	IS 3025 Part-52, METHOD 6 SPECTROPHOTOMETER
118	CHEMICAL- WATER	SURFACE WATER	Conductivity at 25 deg C	IS 3025 Part-14
119	CHEMICAL- WATER	SURFACE WATER	Fluoride	APHA 4500F (D) 23rd EDITION
120	CHEMICAL- WATER	SURFACE WATER	Iron	IS 3025 Part-53 METHOD 6 SPECTROPHOTOMETER
121	CHEMICAL- WATER	SURFACE WATER	Magnesium	IS 3025 Part-46 BY CALCULATION
122	CHEMICAL- WATER	Surface Water	Nitrate as (NO3)	IS 3025 Part-34
123	CHEMICAL- WATER	Surface Water	Nitrate Nitrogen	IS 3025 Part-34
124	CHEMICAL- WATER	Surface Water	Nitrite as (NO2)	IS 3025 Part-9
125	CHEMICAL- WATER	Surface Water	Odor	IS 3025 Part-5
126	CHEMICAL- WATER	SURFACE WATER	pH	IS 3025 Part-11 PH METER
127	CHEMICAL- WATER	SURFACE WATER	Phosphate (PO4)	IS 3025 Part-31
128	CHEMICAL- WATER	SURFACE WATER	SULPHATE	IS 3025 Part-24 TURBIDITY METHOD
129	CHEMICAL- WATER	Surface Water	Taste	IS 3025 Part-7&8
130	CHEMICAL- WATER	Surface Water	Temperature	APHA 2550 23rd Ed
131	CHEMICAL- WATER	SURFACE WATER	Total Dissolved Solids	IS 3025 Part-17 GRAVIMETRIC METHOD
132	CHEMICAL- WATER	SURFACE WATER	Total Dissolved Solids (TDS)	IS 3025 Part-16 GRAVIMETRIC METHOD
133	CHEMICAL- WATER	SURFACE WATER	Total Hardness	IS 3025 Part-21 EDTA METHOD
134	CHEMICAL- WATER	SURFACE WATER	Total Solid	IS 3025 Part-15 GRAVIMETRIC
135	CHEMICAL- WATER	Swimming Pool Water	Chloride	IS 3025 Part-32
136	CHEMICAL- WATER	Swimming Pool Water	Iron	IS 3025 Part-53
137	CHEMICAL- WATER	Swimming Pool Water	Odour	IS 3025 Part-5
138	CHEMICAL- WATER	Swimming Pool Water	pH	IS 3025 Part-11
139	CHEMICAL- WATER	Swimming Pool Water	Total Alkalinity	IS 3025 Part-23
140	CHEMICAL- WATER	Swimming Pool Water	Total Dissolved Solids	IS 3025 Part-16
141	CHEMICAL- WATER	Swimming Pool Water	Total Residual Chlorine	IS 3025 Part-26