National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHREE RAM TESTING LABORATORIES, A-2/103, SITE V, UPSIDC INDL. AREA, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8513 **Page No** 1 of 6

Validity 10/09/2021 to 09/09/2023 **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- WATER	Construction water	0.02 N NaOH used to nutralize 100 ml of water sample (Acidity)	IS:3025 (P-22)
2	CHEMICAL- WATER	Construction water	Alkalinity	IS:3025 (P-23)
3	CHEMICAL- WATER	Construction Water	Chloride	IS 456/IS 3025 (P-32)
4	CHEMICAL- WATER	Construction Water	Inorganic Solids	IS 3025 (P-18)
5	CHEMICAL- WATER	Construction Water	Organic Solids	IS 3025 (P-18)
6	CHEMICAL- WATER	Construction Water	pH Value	IS 3025 (P-11)
7	CHEMICAL- WATER	Construction Water	Sulphate	IS456/IS 3025 (P-24)
8	CHEMICAL- WATER	Drinking Water	Acidity	IS 3025 (P-22)
9	CHEMICAL- WATER	Drinking Water	Alkalinity	IS 3025 (P-23)
10	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 (Part-40)
11	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part-32)
12	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part-4)
13	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	IS 3025 (P-14)
14	CHEMICAL- WATER	Drinking Water	Fluoride	IS 3025 (P-60)
15	CHEMICAL- WATER	Drinking Water	Hexavalent Chromium	IS 3025 (P-52)
16	CHEMICAL- WATER	Drinking Water	Iron	IS 3025 (Part-53)
17	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 (Part-46)
18	CHEMICAL- WATER	Drinking Water	Nitrate	IS 3025 (P-34)
19	CHEMICAL- WATER	Drinking Water	Nitrite	IS 3025 (P-34)
20	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part-5)
21	CHEMICAL- WATER	Drinking Water	pH Value	IS 3025 (Part-11)
22	CHEMICAL- WATER	Drinking Water	Phosphate	IS 3025 (P-31)
23	CHEMICAL- WATER	Drinking Water	Potassium	IS 3025 (P-45)
24	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS 3025 (P-26)
25	CHEMICAL- WATER	Drinking Water	Silica	IS 3025 (P-35)
26	CHEMICAL- WATER	Drinking Water	Sodium	IS 3025 (P-45)
27	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025 (Part-24)
28	CHEMICAL- WATER	Drinking Water	Sulphide	IS 3025 (P-29)

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8513 **Page No** 2 of 6

Validity 10/09/2021 to 09/09/2023 **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
29	CHEMICAL- WATER	Drinking Water	Temperature	IS 3025 (p-9)
30	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part-16)
31	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 (Part-21)
32	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part-10)
33	CHEMICAL- WATER	Ground Water	Ammonia	IS 3025 (P-34)
34	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen	IS 3025 (P-34)
35	CHEMICAL- WATER	Ground Water	COD	IS 3025 (P-58)
36	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	IS 3025 (P-38)
37	CHEMICAL- WATER	Ground Water	Hexavalent Chromium	IS 3025 (P-52)
38	CHEMICAL- WATER	Ground Water	Nitrite Nitrogen	IS 3025 (P-34)
39	CHEMICAL- WATER	Ground Water	Nitrogen (TKN)	IS 3025 (P-34)
40	CHEMICAL- WATER	Ground Water	Oil & Grease	IS 3025 (P-39)
41	CHEMICAL- WATER	Ground Water	pH Value	IS 3025 (P-11)
42	CHEMICAL- WATER	Ground Water	Phosphate	IS 3025 (P-31)
43	CHEMICAL- WATER	Ground Water	Potassium	IS 3025 (P-45)
44	CHEMICAL- WATER	Ground Water	Sodium	IS 3025 (P-45)
45	CHEMICAL- WATER	Ground Water	Sulphite	IS 3025 (P-28)
46	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	IS 3025 (P-16)
47	CHEMICAL- WATER	Ground Water	Total Suspended Solids	IS 3025 (P-17)
48	CHEMICAL- WATER	Industrial Water	Acidity	IS 3025 (P-22)
49	CHEMICAL- WATER	Industrial Water	Alkalinity	IS 3025 (P-23)
50	CHEMICAL- WATER	Industrial Water	Calcium	IS 3025 (P-40)
51	CHEMICAL- WATER	Industrial Water	Chloride	IS 3025 (P-32)
52	CHEMICAL- WATER	Industrial Water	Colour	IS 3025 (P-4)
53	CHEMICAL- WATER	Industrial Water	Electrical Conductivity	IS 3025 (P-14)
54	CHEMICAL- WATER	Industrial Water	Fluoride	IS 3025 (P-60)
55	CHEMICAL- WATER	Industrial Water	Hexavalent Chromium	IS 3025 (p-52)
56	CHEMICAL- WATER	Industrial Water	Iron	IS 3025 (P-53)
57	CHEMICAL- WATER	Industrial Water	Magnesium	IS 3025 (P-46)
58	CHEMICAL- WATER	Industrial Water	Nitrate	IS 3025 (P-34)

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8513 **Page No** 3 of 6

Validity 10/09/2021 to 09/09/2023 **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
59	CHEMICAL- WATER	Industrial Water	Nitrite	IS 3025 (P-34)
60	CHEMICAL- WATER	Industrial Water	Odour	IS 3025 (P-5)
61	CHEMICAL- WATER	Industrial Water	pH Value	IS 3025 (P-11)
62	CHEMICAL- WATER	Industrial Water	Phosphate	IS 3025 (P-31)
63	CHEMICAL- WATER	Industrial Water	Potassium	IS 3025 (P-45)
64	CHEMICAL- WATER	Industrial Water	Residual Free Chlorine	IS 3025 (P-26)
65	CHEMICAL- WATER	Industrial Water	Silica	IS 3025 (P-35)
66	CHEMICAL- WATER	Industrial Water	Sodium	IS 3025 (P-45)
67	CHEMICAL- WATER	Industrial Water	Sulphate	IS 3025 (P-24)
68	CHEMICAL- WATER	Industrial Water	Sulphide	IS 3025 (P-29)
69	CHEMICAL- WATER	Industrial Water	Temperature	IS 3025 (P-9)
70	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids	IS 3025 (P-16)
71	CHEMICAL- WATER	Industrial Water	Total Hardness	IS 3025 (P-21)
72	CHEMICAL- WATER	Industrial Water	Turbidity	IS 3025 (P-10)
73	CHEMICAL- WATER	Surface Water	Ammonia	IS 3025 (P-34)
74	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen	IS 3025 (P-34)
75	CHEMICAL- WATER	Surface Water	BOD	IS 3025 (P-44)
76	CHEMICAL- WATER	Surface Water	COD	IS 3025 (P-58)
77	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS 3025 (P-38)
78	CHEMICAL- WATER	Surface Water	Hexavalent Chromium	IS 3025 (P-52)
79	CHEMICAL- WATER	Surface Water	Nitrite Nitrogen	IS 3025 (P-34)
80	CHEMICAL- WATER	Surface Water	Nitrogen (T. Kjheldahl Nitrogen)	IS 3025 (P-34)
81	CHEMICAL- WATER	Surface Water	Oil & Grease	IS 3025 (P-39)
82	CHEMICAL- WATER	Surface Water	pH value	IS 3025 (P-11)
83	CHEMICAL- WATER	Surface Water	Phosphate	IS 3025 (P-31)
84	CHEMICAL- WATER	Surface Water	Potassium	IS 3025 (P-45)
85	CHEMICAL- WATER	Surface Water	Sodium	IS 3025 (P-45)
86	CHEMICAL- WATER	Surface Water	Sulphite	IS 3025 (P-28)
87	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	IS 3025 (P-16)
88	CHEMICAL- WATER	Surface Water	Total Suspended Solids	IS 3025 (P-17)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHREE RAM TESTING LABORATORIES, A-2/103, SITE V, UPSIDC INDL. AREA, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8513 **Page No** 4 of 6

Validity 10/09/2021 to 09/09/2023 **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
89	CHEMICAL- WATER	Swimming Pool Water	Acidity	IS 3025 (P-22)
90	CHEMICAL- WATER	Swimming Pool Water	Alkalinity	IS 3025 (P-23)
91	CHEMICAL- WATER	Swimming Pool Water	Calcium	IS 3025 (P-40)
92	CHEMICAL- WATER	Swimming Pool Water	Chloride	IS 3025 (P-32)
93	CHEMICAL- WATER	Swimming Pool Water	Colour	IS 3025 (P-4)
94	CHEMICAL- WATER	Swimming Pool Water	Electrical Conductivity	IS 3025 (P-14)
95	CHEMICAL- WATER	Swimming Pool Water	Fluoride	IS 3025 (P-60)
96	CHEMICAL- WATER	Swimming Pool Water	Hexavalent Chromium	IS 3025 (P-52)
97	CHEMICAL- WATER	Swimming Pool Water	Iron	IS 3025 (P-53)
98	CHEMICAL- WATER	Swimming Pool Water	Magnesium	IS 3025 (P-46)
99	CHEMICAL- WATER	Swimming Pool Water	Nitrate	IS 3025 (P-34)
100	CHEMICAL- WATER	Swimming Pool Water	Nitrite	IS 3025 (P-34)
101	CHEMICAL- WATER	Swimming Pool Water	Odour	IS 3025 (P-5)
102	CHEMICAL- WATER	Swimming Pool Water	pH Value	IS 3025 (P-11)
103	CHEMICAL- WATER	Swimming Pool Water	Phosphate	IS 3025 (P-31)
104	CHEMICAL- WATER	Swimming Pool Water	Potassium	IS 3025 (P-45)
105	CHEMICAL- WATER	Swimming Pool Water	Silica	IS 3025 (P-35)
106	CHEMICAL- WATER	Swimming Pool Water	Sodium	IS 3025 (P-45)
107	CHEMICAL- WATER	Swimming Pool Water	Sulphate	IS 3025 (P-24)
108	CHEMICAL- WATER	Swimming Pool Water	Sulphide	IS 3025 (P-29)
109	CHEMICAL- WATER	Swimming Pool Water	Temperature	IS 3025 (P-9)
110	CHEMICAL- WATER	Swimming Pool Water	Total Dissolved Solids	IS 3025 (P-16)
111	CHEMICAL- WATER	Swimming Pool Water	Total Hardness	IS 3025 (P-21)
112	CHEMICAL- WATER	Swimming Pool Water	Turbidity	IS 3025 (P-10)
113	CHEMICAL- WATER	Swimming Pool Water inet	Residual Free Chlorine	IS 3025 (P-26)
114	CHEMICAL- WATER	Swimming Pool Water outlet	Residual Free Chlorine	IS 3025 (P-26)
115	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 (P-1)
116	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimensions	IS 1077
117	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (P-3)

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8513	**Page No**	5 of 6
Validity	10/09/2021 to 09/09/2023	**Last Amended on**	-

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118	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (P-2)
119	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 (P-4)
120	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (P-3)
121	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (P-4)
122	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (P-1)
123	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (P-1)
124	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (P-4)
125	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los-Angeles Abrasion Value	IS 2386 (P-4)
126	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 (P-1)
127	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (P-3)
128	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (P-3)
129	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516
130	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (P-3)
131	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 micron	IS 2386 (P-2)
132	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (P-1)

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Laboratory Name :	SHREE RAM TESTING LABORATORIES, A-2/103, SITE V, UPSIDC INDL. AREA, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8513	**Page No**	6 of 6
Validity	10/09/2021 to 09/09/2023	**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
Mobile Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (P-1)