National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA -TECH ENVIRONMENTAL CONSULTANCY & LABORATORY, 93-A, G. V. BROTHERS BUILDING NO. 2, BATA COMPOUND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 1 of 25

Validity 04/08/2022 to 03/08/2024 **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	Ambient air	Ammonia	ISC Method 401 3rd Ed.
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Arsenic	CPCB Guiedlines for the Measurement of Ambient Air Pollutants, Volume-I, NAAQMS/36/2012-13 (Page No. 48 to 55)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Benzene	IS 5182 (Part 11)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Benzo(a)pyrene (BaP) - Particulate Phase	CPCB Guiedlines for the Measurement of Ambient Air Pollutants, Volume-I, NAAQMS/36/2012-13 (Page No. 40 to 47))
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Carbon Monoxide	IS 5182 (Part 10)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Hydrogen Sulfide	IS 5182 (Part 7)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead	CPCB Guiedlines for the Measurement of Ambient Air Pollutants, Volume-I, NAAQMS/36/2012-13 (Page No. 48 to 55)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Lead	IS 5182 (Part 22), Clause 5 - Flame Atomic Absorption Spectrophotometer.
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel	CPCB Guiedlines for the Measurement of Ambient Air Pollutants, Volume-I, NAAQMS/36/2012-13 (Page No. 48 to 55)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nitrogen Dioxide	IS 5182 (Part 6)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	IS:5182 (Part 9)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	ISC Method 411 3rd Edition
13	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter (PM10)	EPA/625/R-96/010a Compendium Method IO-2.1

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 2 of 25

Validity 04/08/2022 to 03/08/2024 **Last Amended on** -

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14	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS:5182 (Part 23)
15	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter (PM2.5)	CPCB Guiedlines for the Measurement of Ambient Air Pollutants, Volume-I, NAAQMS/36/2012-13 (Page No. 15 to 30)
16	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter (PM2.5)	IS 5182 (Part 24)
17	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur Dioxide	IS 5182 (Part 2)
18	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Suspended Particulate Matter (SPM)	IS 5182 (Part 4)
19	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels	Equivalent Sound Level Leq in dB(A) in Ambient Air	CPCB's Protocol for Ambient Level Noise Monitoring
20	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise Levels	A-Weighted Sound Pressure Level in dB(A) at 1 m from Enclosure Surface	SOP No. UT/LQMS/SOP/N02 ; Issue No. 2 & Issue Date: May 12, 2021
21	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Acid Mist (Sulfuric acid & sulfur trioxide)	SOP No.UT/LQMS/SOP/SE 04 I; Issue No. 2 & Issue Date: May 12, 2021
22	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxides of Nitrogen (NOx)	IS 11255 (Part 7)
23	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate matter	CPCB's Laboratory Analysis Techniques, LATS/80/2013-14 (Page no. 19-34)
24	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Dioxide	IS 11255 (Part 2)
25	CHEMICAL- ATMOSPHERIC POLLUTION	Wok Environment and Indoor Air Quality	Oil Mist	"SOP No.UT/LQMS/SOP/WE 01 ; Issue No. 2 & Issue Date: May 12, 2021
26	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Nitrogen Dioxide	IS 5182 (Part 6)
27	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Particulate Matter (PM10)	EPA/625/R-96/010a Compendium Method IO-2.1
28	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Particulate Matter (PM10)	IS:5182 (Part 23)

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 3 of 25

Validity 04/08/2022 to 03/08/2024 **Last Amended on** -

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29	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Particulate Matter (PM2.5)	CPCB Guiedlines for the Measurement of Ambient Air Pollutants, Volume-I, NAAQMS/36/2012-13 (Page No. 15 to 30)
30	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Particulate Matter (PM2.5)	IS 5182 (Part 24)
31	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Sulphur Dioxide	IS 5182 (Part 2)
32	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Suspended Particulate Matter (SPM)	IS 5182 (Part 4)
33	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	Bulk Density	SOP No.UT/LQMS/SOP/C03 ; Issue No. 2 & Issue Date: May 12, 2021
34	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	C/N Ratio	SOP No. UT/LQMS/SOP/C14 ; Issue No. 2 & Issue Date: May 12, 2021
35	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	Colour	SOP No.UT/LQMS/SOP/C12 ; Issue No. 2 & Issue Date: May 12, 2021
36	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	Electrical Conductivity	SOP No.UT/LQMS/SOP/C02; Issue No. 2 & Issue Date: May 12, 2021
37	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	Moisture Content	SOP No.UT/LQMS/SOP/C04 ; Issue No. 2 & Issue Date: May 12, 2021
38	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	Odour	SOP No.UT/LQMS/SOP/C13 ; Issue No. 2 & Issue Date: May 12, 2021
39	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	Particle Size	SOP No.UT/LQMS/SOP/C11; Issue No. 2 & Issue Date: May 12, 2021
40	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	pH	SOP No.UT/LQMS/SOP/C01; Issue No. 2 & Issue Date: May 12, 2021
41	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	Total Nitrogen	SOP No.UT/LQMS/SOP/C01; Issue No. 2 & Issue Date: May 12, 2021
42	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	Total Organic Carbon	SOP No.UT/LQMS/SOP/C05; Issue No. 2 & Issue Date: May 12, 2021

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA -TECH ENVIRONMENTAL CONSULTANCY & LABORATORY, 93-A, G. V. BROTHERS BUILDING NO. 2, BATA COMPOUND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 4 of 25

Validity 04/08/2022 to 03/08/2024 **Last Amended on** -

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43	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	Total Phosphate	SOP No.UT/LQMS/SOP/C07; Issue No. 2 & Issue Date: May 12, 2021
44	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	Total Potassium	SOP No.UT/LQMS/SOP/C06; Issue No. 2 & Issue Date: May 12, 2021
45	CHEMICAL- POLLUTION & ENVIRONMENT	Metal Analysis in TCLP Extract of Wastes	Aluminum	SOP No. UT/LQMS/SOP/S36 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
46	CHEMICAL- POLLUTION & ENVIRONMENT	Metal Analysis in TCLP Extract of Wastes	Arsenic	SOP No. UT/LQMS/SOP/S36 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
47	CHEMICAL- POLLUTION & ENVIRONMENT	Metal Analysis in TCLP Extract of Wastes	Cadmium	SOP No. UT/LQMS/SOP/S36 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
48	CHEMICAL- POLLUTION & ENVIRONMENT	Metal Analysis in TCLP Extract of Wastes	Chromium	SOP No. UT/LQMS/SOP/S36 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
49	CHEMICAL- POLLUTION & ENVIRONMENT	Metal Analysis in TCLP Extract of Wastes	Cobalt	SOP No. UT/LQMS/SOP/S36 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
50	CHEMICAL- POLLUTION & ENVIRONMENT	Metal Analysis in TCLP Extract of Wastes	Copper	SOP No. UT/LQMS/SOP/S36 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
51	CHEMICAL- POLLUTION & ENVIRONMENT	Metal Analysis in TCLP Extract of Wastes	Hexavalent Chromium	SOP No. UT/LQMS/SOP/S36 & S38 ; Issue No. 2 & Issue Date: May 12, 2021
52	CHEMICAL- POLLUTION & ENVIRONMENT	Metal Analysis in TCLP Extract of Wastes	Iron	SOP No. UT/LQMS/SOP/S36 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
53	CHEMICAL- POLLUTION & ENVIRONMENT	Metal Analysis in TCLP Extract of Wastes	Lead	SOP No. UT/LQMS/SOP/S36 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
54	CHEMICAL- POLLUTION & ENVIRONMENT	Metal Analysis in TCLP Extract of Wastes	Manganese	SOP No. UT/LQMS/SOP/S36 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
55	CHEMICAL- POLLUTION & ENVIRONMENT	Metal Analysis in TCLP Extract of Wastes	Mercury	SOP No. UT/LQMS/SOP/S36 & S37; Issue No. 2 & Issue Date: May 12, 2021
56	CHEMICAL- POLLUTION & ENVIRONMENT	Metal Analysis in TCLP Extract of Wastes	Molybdenum	SOP No. UT/LQMS/SOP/S36 & S37 ; Issue No. 2 & Issue Date: May 12, 2021

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 5 of 25

Validity 04/08/2022 to 03/08/2024 **Last Amended on** -

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57	CHEMICAL- POLLUTION & ENVIRONMENT	Metal Analysis in TCLP Extract of Wastes	Nickel	SOP No. UT/LQMS/SOP/S36 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
58	CHEMICAL- POLLUTION & ENVIRONMENT	Metal Analysis in TCLP Extract of Wastes	Selenium	SOP No. UT/LQMS/SOP/S36 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
59	CHEMICAL- POLLUTION & ENVIRONMENT	Metal Analysis in TCLP Extract of Wastes	Zinc	SOP No. UT/LQMS/SOP/S36 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
60	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Compost	Cadmium	SOP No.UT/LQMS/SOP/C03 ; Issue No. 2 & Issue Date: May 12, 2021
61	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Compost	Chromium	SOP No.UT/LQMS/SOP/C09 & C10; Issue No. 2 & Issue Date: May 12, 2021
62	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Compost	Copper	SOP No.UT/LQMS/SOP/C09 & C10 ; Issue No. 2 & Issue Date: May 12, 2021
63	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Compost	Lead	SOP No.UT/LQMS/SOP/C09 & C10 ; Issue No. 2 & Issue Date: May 12, 2021
64	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Compost	Mercury	SOP No.UT/LQMS/SOP/C09 & C10; Issue No. 2 & Issue Date: May 12, 2021
65	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Compost	Nickel	SOP No.UT/LQMS/SOP/C09 & C10; Issue No. 2 & Issue Date: May 12, 2021
66	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Compost	Zinc	SOP No.UT/LQMS/SOP/C09 & C10; Issue No. 2 & Issue Date: May 12, 2021
67	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Soil/Sediments	Arsenic	USEPA SW-846, Update V, Method 3050B & 7061A July
68	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Soil/Sediments	Cadmium	SOP No. UT/LQMS/SOP/S35 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
69	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Soil/Sediments	Chromium	SOP No. UT/LQMS/SOP/S35 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
70	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Soil/Sediments	Cobalt	SOP No. UT/LQMS/SOP/S35 & S37 ; Issue No. 2 & Issue Date: May 12, 2021

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 6 of 25

Validity 04/08/2022 to 03/08/2024 **Last Amended on** -

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71	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Soil/Sediments	Copper	SOP No. UT/LQMS/SOP/S35 & S37; Issue No. 2 & Issue Date: May 12, 2021
72	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Soil/Sediments	Iron	SOP No. UT/LQMS/SOP/S35 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
73	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Soil/Sediments	Lead	SOP No. UT/LQMS/SOP/S35 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
74	CHEMICAL- POLLUTION & ENVIRONMENT	Metal In Soil/Sediments	Manganese	SOP No. UT/LQMS/SOP/S35 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
75	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Soil/Sediments	Mercury	SOP No. UT/LQMS/SOP/S35 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
76	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Soil/Sediments	Molybdenum	SOP No. UT/LQMS/SOP/S35 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
77	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Soil/Sediments	Nickel	SOP No. UT/LQMS/SOP/S35 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
78	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Soil/Sediments	Zinc	SOP No. UT/LQMS/SOP/S35 & S37; Issue No. 2 & Issue Date: May 12, 2021
79	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Waster	Iron	IS 3025 (Part 53)
80	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Aluminium	APHA 23rd Ed. 3111 D
81	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Aluminium	IS 3025 (Part 55)
82	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Arsenic	APHA 23rd Ed. 3114 C
83	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Barium	APHA 23rd Ed, 3111 D (FLAA)
84	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Cadmium	APHA 23rd Ed. 3111 B
85	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Cadmium	IS 3025 (Part 41)
86	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Chromium	APHA 23rd Ed. 3111 D

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 7 of 25

Validity 04/08/2022 to 03/08/2024 **Last Amended on** -

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87	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Chromium	IS 3025 (Part 52)
88	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Cobalt	APHA 23rd Ed. 3111 B
89	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Copper	APHA 23rd Ed. 3111 B
90	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Copper	IS 3025 (Part 42)
91	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Hexavalent Chromium	APHA 23rd Ed. 3500 Cr B
92	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Hexavalent Chromium	IS 3025 (Part 52)
93	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Iron	APHA 23rd Ed. 3111 B
94	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Lead	APHA 23rd Ed. 3111 B
95	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Lead	IS 3025 (Part 47)
96	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Manganese	APHA 23rd Ed. 3111 B
97	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Mercury	APHA 23rd Ed. 3112 B
98	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Molybdenum	APHA 23rd Ed. 3111 D
99	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Nickel	APHA 23rd Ed. 3111 B
100	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Nickel	IS 3025 (Part 54)
101	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Selenium	APHA 23rd Ed. 3114 C
102	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Silver	APHA 23rd Ed,3111 B (FLAA)
103	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Zinc	APHA 23rd Ed. 3111 B
104	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Waste Water	Zinc	IS 3025 (Part 49)

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 8 of 25

Validity 04/08/2022 to 03/08/2024 **Last Amended on** -

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105	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Wastes	Arsenic	SOP No. UT/LQMS/SOP/S35 & S37; Issue No. 2 & Issue Date: May 12, 2021
106	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Wastes	Cadmium	SOP No. UT/LQMS/SOP/S35 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
107	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Wastes	Chromium	SOP No. UT/LQMS/SOP/S35 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
108	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Wastes	Cobalt	SOP No. UT/LQMS/SOP/S35 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
109	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Wastes	Copper	SOP No. UT/LQMS/SOP/S35 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
110	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Wastes	Iron	SOP No. UT/LQMS/SOP/S35 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
111	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Wastes	Lead	SOP No. UT/LQMS/SOP/S35 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
112	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Wastes	Manganese	SOP No. UT/LQMS/SOP/S35 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
113	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Wastes	Mercury	SOP No. UT/LQMS/SOP/S35 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
114	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Wastes	Molybdenum	SOP No. UT/LQMS/SOP/S35 & S37 ; Issue No. 2 & Issue Date: May 12, 2021
115	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Wastes	Nickel	SOP No. UT/LQMS/SOP/S35 & S37; Issue No. 1 & Issue Date:Ocober 25, 2018
116	CHEMICAL- POLLUTION & ENVIRONMENT	Metal in Wastes	Zinc	SOP No. UT/LQMS/SOP/S35 & S37; Issue No. 2 & Issue Date: May 12, 2021
117	CHEMICAL- POLLUTION & ENVIRONMENT	Metals in Compost	Arsenic	SOP No.UT/LQMS/SOP/C09 & C10 ; Issue No. 2 & Issue Date: May 12, 2021
118	CHEMICAL- POLLUTION & ENVIRONMENT	Sediments	Reactive Sulfide	SOP No. UT/LQMS/SOP/S45 ; Issue No. 2 & Issue Date: May 12, 2021

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 9 of 25

Validity 04/08/2022 to 03/08/2024 **Last Amended on** -

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119	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Boron (Available)	SOP No. UT/LQMS/SOP/S27 ; Issue No. 2 & Issue Date: May 12, 2021
120	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Ammonical Nitrogen	IS 14684
121	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Bulk Density(Dry basis)	SOP No. UT/LQMS/SOP/S03 ; Issue No. 2 & Issue Date: May 12, 2021
122	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Calcium	SOP No.UT/LQMS/SOP/S21; Issue No. 2 & Issue Date: May 12, 2021
123	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Calcium (Exchangeable)	SOP No. UT/LQMS/SOP/S15 ; Issue No. 2 & Issue Date: May 12, 2021
124	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Cation Exchange Capacity (CEC)	SOP No. UT/LQMS/SOP/S18; Issue No. 1 & Issue Date: October 25, 2018
125	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Chloride	SOP No.UT/LQMS/SOP/S23 ; Issue No. 2 & Issue Date: May 12, 2021
126	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Copper (Available)	SOP No.UT/LQMS/SOP/S41; Issue No. 2 & Issue Date: May 12, 2021
127	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Electrical Conductivity [1:2 Soil:Water]	IS 14767
128	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Exchangeable Sodium Percentage (ESP)	SOP No.UT/LQMS/SOP/S17 ; Issue No. 2 & Issue Date: May 12, 2021
129	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Iron (Available)	SOP No.UT/LQMS/SOP/S41 ; Issue No. 2 & Issue Date: May 12, 2021
130	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Magnesium	SOP No.UT/LQMS/SOP/S22 ; Issue No. 2 & Issue Date: May 12, 2021
131	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Magnesium (Exchangeable)	SOP No. UT/LQMS/SOP/S16; Issue No. 2 & Issue Date: May 12, 2021
132	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Manganese (Available)	SOP No.UT/LQMS/SOP/S41; Issue No. 2 & Issue Date: May 12, 2021

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA -TECH ENVIRONMENTAL CONSULTANCY & LABORATORY, 93-A, G. V. BROTHERS BUILDING NO. 2, BATA COMPOUND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 10 of 25

Validity 04/08/2022 to 03/08/2024 **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
133	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Moisture Content	IS 2720 (Part 02)
134	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	n-Hexane Extractable Material (HEM)	SOP No. UT/LQMS/SOP/S09 ; Issue No. 2 & Issue Date: May 12, 2021
135	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Nitrite & Nitrate Nitrogen	IS 14684
136	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Nitrogen (Available)	SOP No. UT/LQMS/SOP/S30; Issue No. 2 & Issue Date: May 12, 2021
137	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Organic Carbon	IS 2720 (Part 22)
138	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Organic Matter	IS 2720 (Part 22)
139	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	pH [1:2.5 Soil:Water]	IS 2720 (Part 26)
140	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Phosphate	SOP No.UT/LQMS/SOP/S25; Issue No. 2 & Issue Date: May 12, 2021
141	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Phosphorous as P2O5 (Available)	SOP No. UT/LQMS/SOP/S28 ; Issue No. 2 & Issue Date: May 12, 2021
142	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Porosity	SOP No.UT/LQMS/SOP/S40 ; Issue No. 2 & Issue Date: May 12, 2021
143	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Potassium	SOP No.UT/LQMS/SOP/S20 ; Issue No. 2 & Issue Date: May 12, 2021
144	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Potassium (Available)	SOP No.UT/LQMS/SOP/S29; Issue No. 2 & Issue Date: May 12, 2021
145	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Potassium (Exchangeable)	SOP No. UT/LQMS/SOP/S14 ; Issue No. 2 & Issue Date: May 12, 2021
146	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Reactive Cyanide	SOP No. UT/LQMS/SOP/S44 ; Issue No. 2 & Issue Date: May 12, 2021
147	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Sodium	SOP No.UT/LQMS/SOP/S19 ; Issue No. 2 & Issue Date: May 12, 2021

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA -TECH ENVIRONMENTAL CONSULTANCY & LABORATORY, 93-A, G. V. BROTHERS BUILDING NO. 2, BATA COMPOUND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 11 of 25

Validity 04/08/2022 to 03/08/2024 **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
148	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Sodium (Exchangeable)	SOP No. UT/LQMS/SOP/S13 ; Issue No. 2 & Issue Date: May 12, 2021
149	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Sodium Adsorption Ration (SAR)	SOP No.UT/LQMS/SOP/S26; Issue No. 2 & Issue Date: May 12, 2021
150	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Sulfate	SOP No.UT/LQMS/SOP/S24 ; Issue No. 2 & Issue Date: May 12, 2021
151	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Texture (Clay)	SOP No.UT/LQMS/SOP/S39; Issue No. 2 & Issue Date: May 12, 2021
152	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Texture (Sand)	SOP No.UT/LQMS/SOP/S39 ; Issue No. 2 & Issue Date: May 12, 2021
153	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Texture (Silt)	SOP No.UT/LQMS/SOP/S39 ; Issue No. 2 & Issue Date: May 12, 2021
154	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Total Nitrogen	IS 14684
155	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Total Phosphorus	SOP No. UT/LQMS/SOP/S31 ; Issue No. 2 & Issue Date: May 12, 2021
156	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Total Soluble Solids	IS 2720 (Part 21)
157	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Water Holding Capacity	SOP No. UT/LQMS/SOP/S12 ; Issue No. 2 & Issue Date: May 12, 2021
158	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Zinc (Available)	SOP No.UT/LQMS/SOP/S41 ; Issue No. 2 & Issue Date: May 12, 2021
159	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Turbidity	IS 3025 (Part 10)
160	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ sewage)	Ammonia	IS 3025 (Part 34)
161	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ sewage)	Colour	APHA 23rd Ed. 2120 C
162	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ sewage)	Mixed Liquor Suspended Solids (MLSS)	APHA 23rd Ed. 2540 D

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA -TECH ENVIRONMENTAL CONSULTANCY & LABORATORY, 93-A, G. V. BROTHERS BUILDING NO. 2, BATA COMPOUND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 12 of 25

Validity 04/08/2022 to 03/08/2024 **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
163	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ sewage)	Mixed Liquor Volatile Suspended Solids (MLVSS)	APHA 23rd Ed. 2540 E
164	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Ammonia	APHA 23rd Ed. 4500-NH3 C
165	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Anionic Surfactants as MBAS	APHA 23rd Ed. 5540 B,C
166	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Biochemical Oxygen Demand (3 Days at 27 0C)	IS 3025 (Part 44)
167	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Boron	APHA 23rd Ed. 4500-B B
168	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Boron	IS 3025 (Part 57)
169	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Calcium	APHA 23rd Ed. 3500-Ca B
170	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Calcium	IS 3025 (Part 40)
171	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand	APHA 23rd Ed. 5220 B
172	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand	IS 3025 (Part 58)
173	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chloride	APHA 23rd Ed. 4500-Cl- B
174	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chloride	IS 3025 (Part 32)
175	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Cyanide	APHA 23rd Ed. 4500-CN- C,E
176	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Cyanide	IS 3025 (Part 27/Sec 1)
177	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Oxygen	APHA 23rd Ed. 4500-O C
178	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Oxygen	IS 3025 (Part 38)
179	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Electrical Conductivity	APHA 23rd Ed. 2510 B
180	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Electrical Conductivity	IS 3025 (Part 14)
181	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fixed Solids	APHA 23rd Ed. 2540 E

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA -TECH ENVIRONMENTAL CONSULTANCY & LABORATORY, 93-A, G. V. BROTHERS BUILDING NO. 2, BATA COMPOUND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 13 of 25

Validity 04/08/2022 to 03/08/2024 **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
182	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fixed Solids	IS 3025 (Part 18)
183	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fluoride	APHA 23rd Ed. 4500-F- B,D
184	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Kjeldahl Nitrogen	APHA 23rd Ed. 4500-Norg B
185	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Magnesium	APHA 23rd Ed. 3500-Mg B
186	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Magnesium	IS 3025 (Part 46)
187	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrate Nitrogen	IS 3025 (Part 34)
188	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrite Nitrogen	APHA 23rd Ed. 4500-NO2- B
189	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrite Nitrogen	IS 3025 (Part 34
190	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil & Grease	APHA 23rd Ed. 5520 B
191	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil & Grease	IS 3025 (Part 39)
192	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH	APHA 23rd Ed. 4500-H+ B
193	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH	IS 3025 (Part 11)
194	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phenols	APHA 23rd Ed. 5530 D
195	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phosphorus	APHA 23rd Ed. 4500-P D,E
196	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Potassium	APHA 23rd Ed.3500 K
197	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Silica as Silicon dioxide	APHA 23rd Ed. 4500-SiO2 C
198	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Silica as Silicon dioxide	IS 3025 (Part 35)
199	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium	APHA 23rd Ed,3500 Na
200	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulfate	APHA 23rd Ed. 4500- SO42- E

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA -TECH ENVIRONMENTAL CONSULTANCY & LABORATORY, 93-A, G. V. BROTHERS BUILDING NO. 2, BATA COMPOUND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 14 of 25

Validity 04/08/2022 to 03/08/2024 **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
201	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulfate	IS 3025 (Part 24/Sec 1)
202	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulfide	APHA 23rd Ed. 4500-S2- D
203	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulfide	IS 3025 (Part 29)
204	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Temperature	APHA 23rd Ed. 2550 B
205	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Temperature	IS 3025 (Part 9)
206	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Acidity as Calcium carbonate	APHA 23rd Ed. 2310 B
207	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Acidity as Calcium carbonate	IS 3025 (Part 22)
208	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Alkalinity as Calcium carbonate	APHA 23rd Ed. 2320 B
209	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Alkalinity as Calcium carbonate	IS 3025 (Part 23)
210	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids	APHA 23rd Ed. 2540 C
211	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids	IS 3025 (Part 16)
212	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Hardness as Calcium carbonate	APHA 23rd Ed. 2340 C
213	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Hardness as Calcium carbonate	IS 3025 (Part 21)
214	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Solids	APHA 23rd Ed. 2540 B
215	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Solids	IS 3025 (Part 15)
216	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids	APHA 23rd Ed. 2540 D
217	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids	IS 3025 (Part 17)
218	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Turbidity	APHA 23rd Ed, 2130 B
219	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Volatile Solids	APHA 23rd Ed. 2540 E

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA -TECH ENVIRONMENTAL CONSULTANCY & LABORATORY, 93-A, G. V. BROTHERS BUILDING NO. 2, BATA COMPOUND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 15 of 25

Validity 04/08/2022 to 03/08/2024 **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
220	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Volatile Solids	IS 3025 (Part 18)
221	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/ Semi-Solid)	Ash Content at 900 degree C	SOP No. UT/LQMS/SOP/S07 ; Issue No. 2 & Issue Date: May 12, 2021
222	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/ Semi-Solid)	Bulk Density	SOP No.UT/LQMS/SOP/S03; Issue No. 2 & Issue Date: May 12, 2021
223	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/ Semi-Solid)	Loss on Drying at 105 degree C (Moisture Content)	SOP No.UT/LQMS/SOP/S04 & S05 ; Issue No. 2 & Issue Date: May 12, 2021
224	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/ Semi-Solid)	Loss on Ignition at 550 degree C	SOP No.UT/LQMS/SOP/S06 ; Issue No. 2 & Issue Date: May 12, 2021
225	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Electrical Conductivity	SOP No. UT/LQMS/SOP/S02 ; Issue No. 2 & Issue Date: May 12, 2021
226	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	n-Hexane Extractable Material (HEM)	SOP No. UT/LQMS/SOP/S09 ; Issue No. 2 & Issue Date: May 12, 2021
227	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	pH	SOP No. UT/LQMS/SOP/S01 ; Issue No. 2 & Issue Date: May 12, 2021
228	CHEMICAL- RESIDUES IN WATER	Drinking Water	Manganese	APHA 23rd Ed. 3111 B
229	CHEMICAL- RESIDUES IN WATER	Drinking Water	Barium	APHA 23rd Ed. 3111 D
230	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper	APHA 23rd Ed. 3111 B
231	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper	IS 3025 (Part 42)
232	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron	APHA 23rd Ed. 3111 B
233	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron	IS 3025 (Part 53)
234	CHEMICAL- RESIDUES IN WATER	Drinking Water	Selenium	APHA 23rd Ed. 3114 C
235	CHEMICAL- RESIDUES IN WATER	Drinking Water	Silver	APHA 23rd Ed. 3111 B

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA -TECH ENVIRONMENTAL CONSULTANCY & LABORATORY, 93-A, G. V. BROTHERS BUILDING NO. 2, BATA COMPOUND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 16 of 25

Validity 04/08/2022 to 03/08/2024 **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
236	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc	APHA 23rd Ed. 3111 B
237	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc	IS 3025 (Part 49)
238	CHEMICAL- RESIDUES IN WATER	Ground Water	Aluminium	APHA 23rd Ed. 3111 D
239	CHEMICAL- RESIDUES IN WATER	Ground Water	Aluminium	APHA 23rd Ed. 3500-Al B
240	CHEMICAL- RESIDUES IN WATER	Ground Water	Aluminium	IS 3025 (Part 55)
241	CHEMICAL- RESIDUES IN WATER	Ground Water	Aluminium	IS 3025 (Part 55)
242	CHEMICAL- RESIDUES IN WATER	Ground Water	Barium	APHA 23rd Ed. 3111 D
243	CHEMICAL- RESIDUES IN WATER	Ground Water	Cadmium	APHA 23rd Ed, 3111 B
244	CHEMICAL- RESIDUES IN WATER	Ground Water	Cadmium	IS 3025 (Part 41)
245	CHEMICAL- RESIDUES IN WATER	Ground Water	Copper	APHA 23rd Ed. 3111 B
246	CHEMICAL- RESIDUES IN WATER	Ground Water	Copper	IS 3025 (Part 42)
247	CHEMICAL- RESIDUES IN WATER	Ground Water	Iron	APHA 23rd Ed. 3111 B
248	CHEMICAL- RESIDUES IN WATER	Ground Water	Iron	IS 3025 (Part 53)
249	CHEMICAL- RESIDUES IN WATER	Ground Water	Lead	APHA 23rd Ed, 3111 B
250	CHEMICAL- RESIDUES IN WATER	Ground water	Lead	IS 3025 (Part 47)
251	CHEMICAL- RESIDUES IN WATER	Ground Water	Manganese	APHA 23rd Ed.3111 B
252	CHEMICAL- RESIDUES IN WATER	Ground Water	Mercury	APHA 23rd Ed, 3112 B
253	CHEMICAL- RESIDUES IN WATER	Ground Water	Molybdenum	APHA 23rd Ed, 3111 D
254	CHEMICAL- RESIDUES IN WATER	Ground Water	Nickel	APHA 23rd Ed, 3111 B

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA -TECH ENVIRONMENTAL CONSULTANCY & LABORATORY, 93-A, G. V. BROTHERS BUILDING NO. 2, BATA COMPOUND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 17 of 25

Validity 04/08/2022 to 03/08/2024 **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
255	CHEMICAL- RESIDUES IN WATER	Ground Water	Nickel	IS 3025 (Part 54)
256	CHEMICAL- RESIDUES IN WATER	Ground Water	Selenium	APHA 23rd Ed. 3114 C
257	CHEMICAL- RESIDUES IN WATER	Ground Water	Silver	APHA 23rd Ed. 3111 B
258	CHEMICAL- RESIDUES IN WATER	Ground Water	Zinc	APHA 23rd Ed. 3111 B
259	CHEMICAL- RESIDUES IN WATER	Ground Water	Zinc	IS 3025 (Part 49)
260	CHEMICAL- RESIDUES IN WATER	Surface Water	Aluminium	APHA 23rd Ed. 3111 D
261	CHEMICAL- RESIDUES IN WATER	Surface Water	Aluminium	APHA 23rd Ed. 3500-Al B
262	CHEMICAL- RESIDUES IN WATER	Surface Water	Aluminium	IS 3025 (Part 55)
263	CHEMICAL- RESIDUES IN WATER	Surface Water	Aluminium	IS 3025 (Part 55)
264	CHEMICAL- RESIDUES IN WATER	Surface Water	Barium	APHA 23rd Ed. 3111 D
265	CHEMICAL- RESIDUES IN WATER	Surface Water	Cadmium	APHA 23rd Ed, 3111 B
266	CHEMICAL- RESIDUES IN WATER	Surface Water	Cadmium	IS 3025 (Part 41)
267	CHEMICAL- RESIDUES IN WATER	Surface Water	Copper	APHA 23rd Ed. 3111 B
268	CHEMICAL- RESIDUES IN WATER	Surface Water	Copper	IS 3025 (Part 42)
269	CHEMICAL- RESIDUES IN WATER	Surface Water	Cyanide	APHA 23rd Ed. 4500-CN- C,E
270	CHEMICAL- RESIDUES IN WATER	Surface Water	Cyanide	IS 3025 (Part 27/Sec 1)
271	CHEMICAL- RESIDUES IN WATER	Surface Water	Iron	APHA 23rd Ed. 3111 B
272	CHEMICAL- RESIDUES IN WATER	Surface Water	Iron	IS 3025 (Part 53)
273	CHEMICAL- RESIDUES IN WATER	Surface Water	Lead	APHA 23rd Ed, 3111 B

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA -TECH ENVIRONMENTAL CONSULTANCY & LABORATORY, 93-A, G. V. BROTHERS BUILDING NO. 2, BATA COMPOUND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 18 of 25

Validity 04/08/2022 to 03/08/2024 **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
274	CHEMICAL- RESIDUES IN WATER	Surface Water	Lead	IS 3025 (Part 47)
275	CHEMICAL- RESIDUES IN WATER	Surface Water	Manganese	APHA 23rd Ed. 3111 B
276	CHEMICAL- RESIDUES IN WATER	Surface Water	Mercury	APHA 23rd Ed, 3112 B
277	CHEMICAL- RESIDUES IN WATER	Surface Water	Molybdenum	APHA 23rd Ed, 3111 D
278	CHEMICAL- RESIDUES IN WATER	Surface Water	Nickel	APHA 23rd Ed, 3111 B
279	CHEMICAL- RESIDUES IN WATER	Surface Water	Nickel	IS 3025 (Part 54)
280	CHEMICAL- RESIDUES IN WATER	Surface Water	Selenium	APHA 23rd Ed. 3114 C
281	CHEMICAL- RESIDUES IN WATER	Surface Water	Silver	APHA 23rd Ed. 3111 B
282	CHEMICAL- RESIDUES IN WATER	Surface Water	Zinc	APHA 23rd Ed. 3111 B
283	CHEMICAL- RESIDUES IN WATER	Surface Water	Zinc	IS 3025 (Part 49)
284	CHEMICAL- RESIDUES IN WATER	Trace metal elements	Arsenic	APHA 23rd Ed, 3114 C
285	CHEMICAL- RESIDUES IN WATER	Trace metal elements	Chromium	APHA 23rd Ed, 3111 D
286	CHEMICAL- RESIDUES IN WATER	Trace metal elements	Chromium	IS 3025 (Part 52)
287	CHEMICAL- RESIDUES IN WATER	Trace metal elements	Cobalt	APHA 23rd Ed, 3111 B
288	CHEMICAL- RESIDUES IN WATER	Trace metal elements	Hexavalent chromium	APHA 23rd Ed, 3500 Cr B
289	CHEMICAL- RESIDUES IN WATER	Trace metal elements	Hexavalent Chromium	IS 3025 (Part 52)
290	CHEMICAL- WATER	Construction Water	Chloride	APHA 23rd Ed. 4500- Cl- B
291	CHEMICAL- WATER	Construction Water	Chloride	IS 3025 (Part 32)
292	CHEMICAL- WATER	Construction Water	Inorganic Filterable Residue	APHA 23rd Ed. 2540 E
293	CHEMICAL- WATER	Construction Water	Inorganic Filterable Residue	IS 3025 (Part 18)
294	CHEMICAL- WATER	Construction Water	Organic Filterable Residue	APHA 23rd Ed. 2540 E

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA -TECH ENVIRONMENTAL CONSULTANCY & LABORATORY, 93-A, G. V. BROTHERS BUILDING NO. 2, BATA COMPOUND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 19 of 25

Validity 04/08/2022 to 03/08/2024 **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
295	CHEMICAL- WATER	Construction Water	Organic Filterable Residue	IS 3025 (Part 18)
296	CHEMICAL- WATER	Construction Water	pH	APHA 23rd Ed. 4500-H+ B
297	CHEMICAL- WATER	Construction Water	pH	IS 3025 (Part 11)
298	CHEMICAL- WATER	Construction Water	Sulfate	APHA 23rd Ed. 4500- SO42- E
299	CHEMICAL- WATER	Construction Water	Sulfate	IS 3025 (Part 24/Sec 1)
300	CHEMICAL- WATER	Construction Water	Total Acidity as Calcium Carbonate	APHA 23rd Ed. 2310 B
301	CHEMICAL- WATER	Construction Water	Total Acidity as Calcium Carbonate	IS 3025 (Part 22)
302	CHEMICAL- WATER	Construction Water	Total Alkalinity as Calcium Carbonate	APHA 23rd Ed. 2320 B
303	CHEMICAL- WATER	Construction Water	Total Alkalinity as Calcium Carbonate	IS 3025 (Part 23)
304	CHEMICAL- WATER	Construction Water	Total Suspended Solids	APHA 23rd Ed. 2540 D
305	CHEMICAL- WATER	Construction Water	Total Suspended Solids	IS 3025 (Part 17)
306	CHEMICAL- WATER	Drinking Water	Ammonia	APHA 23rd Ed. 4500-NH3 C
307	CHEMICAL- WATER	Drinking Water	Ammonia	APHA 23rd Ed. 4500-NH3 F
308	CHEMICAL- WATER	Drinking Water	Ammonia	IS 3025 (Part 34)
309	CHEMICAL- WATER	Drinking Water	Anionic Surfactants as MBAS	APHA 23rd Ed. 5540 B,C
310	CHEMICAL- WATER	Drinking Water	Boron	APHA 23rd Ed. 4500-B B
311	CHEMICAL- WATER	Drinking Water	Boron	IS 3025 (Part 57)
312	CHEMICAL- WATER	Drinking Water	Calcium	APHA 23rd Ed. 3500-Ca B
313	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 (Part 40)
314	CHEMICAL- WATER	Drinking Water	Chloride	APHA 23rd Ed. 4500-Cl- B
315	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part 32)
316	CHEMICAL- WATER	Drinking Water	Colour	APHA 23rd Ed. 2120 C
317	CHEMICAL- WATER	Drinking Water	Cyanide	APHA 23rd Ed. 4500-CN- C,E
318	CHEMICAL- WATER	Drinking Water	Cyanide	IS 3025 (Part 27/ Sec1)
319	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	APHA 23rd Ed. 2510 B
320	CHEMICAL- WATER	Drinking Water	Fluoride	APHA 23rd Ed. 4500-F- B,D
321	CHEMICAL- WATER	Drinking Water	Magnesium	APHA 23rd Ed. 3500-Mg B
322	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 (Part 46)

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA -TECH ENVIRONMENTAL CONSULTANCY & LABORATORY, 93-A, G. V. BROTHERS BUILDING NO. 2, BATA COMPOUND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 20 of 25

Validity 04/08/2022 to 03/08/2024 **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
323	CHEMICAL- WATER	Drinking Water	Nitrate Nitrogen	IS 3025 (Part 34)
324	CHEMICAL- WATER	Drinking Water	Nitrite Nitrogen	APHA 23rd Ed. 4500- NO2- B
325	CHEMICAL- WATER	Drinking Water	Nitrite Nitrogen	IS 3025 (Part 34)
326	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Ed. 4500-H+ B
327	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
328	CHEMICAL- WATER	Drinking Water	Phenols	"SOP No. UT/LQMS/SOP/W31; Issue No. 2 & Issue Date: May 12, 2021
329	CHEMICAL- WATER	Drinking Water	Phosphorus	APHA 23rd Ed. 4500-P D,E
330	CHEMICAL- WATER	Drinking Water	Potassium	APHA 23rd Ed. 3500 K
331	CHEMICAL- WATER	Drinking Water	Silica as Silicon dioxide	APHA 23rd Ed. 4500- SiO2 C
332	CHEMICAL- WATER	Drinking Water	Silica as Silicon dioxide	IS 3025 (Part 35)
333	CHEMICAL- WATER	Drinking Water	Sodium	APHA 23rd Ed. 3500 Na
334	CHEMICAL- WATER	Drinking Water	Sulfate	APHA 23rd Ed. 4500- SO42- E
335	CHEMICAL- WATER	Drinking Water	Sulfate	IS 3025 (Part 24/Sec 1)
336	CHEMICAL- WATER	Drinking Water	Sulfide	APHA 23rd Ed. 4500- S2- D
337	CHEMICAL- WATER	Drinking Water	Sulfide	IS 3025 (Part 29)
338	CHEMICAL- WATER	Drinking Water	Total Alkalinity as Calcium Carbonate	APHA 23rd Ed. 2320 B
339	CHEMICAL- WATER	Drinking Water	Total Alkalinity as Calcium Carbonate	IS 3025 (Part 23)
340	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 23rd Ed. 2540 C
341	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
342	CHEMICAL- WATER	Drinking Water	Total Hardness as Calcium Carbonate	APHA 23rd Ed. 2340 C
343	CHEMICAL- WATER	Drinking Water	Total Hardness as Calcium Carbonate	IS 3025 (Part 21)
344	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Ed. 2130 B
345	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
346	CHEMICAL- WATER	Ground Water	Ammonia	APHA 23rd Ed. 4500-NH3 C
347	CHEMICAL- WATER	Ground Water	Ammonia	APHA 23rd Ed. 4500-NH3- F
348	CHEMICAL- WATER	Ground Water	Ammonia	IS 3025 (Part 34)
349	CHEMICAL- WATER	Ground Water	Anionic Surfactants as MBAS	APHA 23rd Ed. 5540 B,C

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA -TECH ENVIRONMENTAL CONSULTANCY & LABORATORY, 93-A, G. V. BROTHERS BUILDING NO. 2, BATA COMPOUND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 21 of 25

Validity 04/08/2022 to 03/08/2024 **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
350	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand (3 Days at 27 degree C)	IS 3025 (Part 44)
351	CHEMICAL- WATER	Ground Water	Boron	APHA 23rd Ed. 4500-B B
352	CHEMICAL- WATER	Ground Water	Boron	IS 3025 (Part 57)
353	CHEMICAL- WATER	Ground Water	Calcium	APHA 23rd Ed. 3500-Ca B
354	CHEMICAL- WATER	Ground Water	Calcium	IS 3025 (Part 40)
355	CHEMICAL- WATER	Ground Water	Calcium Hardness as Calcium Carbonate	APHA 23rd Ed. 2340 C
356	CHEMICAL- WATER	Ground Water	Calcium Hardness as Calcium Carbonate	IS 3025 (Part 21)
357	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	APHA 23rd Ed. 5220 B
358	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	IS 3025 (Part 58)
359	CHEMICAL- WATER	Ground Water	Chloride	APHA 23rd Ed. 4500-Cl- B
360	CHEMICAL- WATER	Ground Water	Chloride	IS 3025 (Part 32)
361	CHEMICAL- WATER	Ground Water	Colour	APHA 23rd Ed. 2120 C
362	CHEMICAL- WATER	Ground Water	Cyanide	APHA 23rd Ed. 4500-CN- C,E
363	CHEMICAL- WATER	Ground Water	Cyanide	IS 3025 (Part 27/ Sec 1)
364	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	APHA 23rd Ed. 4500-O C
365	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	IS 3025 (Part 38)
366	CHEMICAL- WATER	Ground Water	Electrical Conductivity	APHA 23rd Ed. 2510 B
367	CHEMICAL- WATER	Ground Water	Electrical Conductivity	IS 3025 (Part 14)
368	CHEMICAL- WATER	Ground Water	Fixed Solids	APHA 23rd Ed. 2540 E
369	CHEMICAL- WATER	Ground Water	Fixed Solids	IS 3025 (Part 18)
370	CHEMICAL- WATER	Ground Water	Fluoride	APHA 23rd Ed. 4500-F- B,D
371	CHEMICAL- WATER	Ground Water	Kjeldahl Nitrogen	APHA 23rd Ed. 4500-Norg B
372	CHEMICAL- WATER	Ground Water	Magnesium	APHA 23rd Ed. 3500-Mg B
373	CHEMICAL- WATER	Ground Water	Magnesium	IS 3025 (Part 46)
374	CHEMICAL- WATER	Ground Water	Magnesium Hardness as Calcium Carbonate	APHA 23rd Ed. 2340 C
375	CHEMICAL- WATER	Ground Water	Magnesium Hardness as Calcium Carbonate	IS 3025 (Part 21)
376	CHEMICAL- WATER	Ground Water	Nitrate Nitrogen	IS 3025 (Part 34)

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA -TECH ENVIRONMENTAL CONSULTANCY & LABORATORY, 93-A, G. V. BROTHERS BUILDING NO. 2, BATA COMPOUND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 22 of 25

Validity 04/08/2022 to 03/08/2024 **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
377	CHEMICAL- WATER	Ground Water	Nitrite Nitrogen	APHA 23rd Ed. 4500-NO2- B
378	CHEMICAL- WATER	Ground Water	Nitrite Nitrogen	IS 3025 (Part 34)
379	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA 23rd Ed. 5520 B
380	CHEMICAL- WATER	Ground Water	Oil & Grease	IS 3025 (Part 39)
381	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Ed. 4500-H+ B
382	CHEMICAL- WATER	Ground Water	pH	IS 3025 (Part 11)
383	CHEMICAL- WATER	Ground Water	Phenolphthalein Alkalinity as Calcium Carbonate	APHA 23rd Ed. 2320 B
384	CHEMICAL- WATER	Ground Water	Phenols	"SOP No. UT/LQMS/SOP/W31 ; Issue No. 2 & Issue Date: May 12, 2021
385	CHEMICAL- WATER	Ground Water	Phenols	APHA 23rd Ed. 5530 D
386	CHEMICAL- WATER	Ground Water	Phosphorus	APHA 23rd Ed. 4500-P D,E
387	CHEMICAL- WATER	Ground Water	Potassium	APHA 23rd Ed. 3500 K
388	CHEMICAL- WATER	Ground Water	Silica as Silicon dioxide	APHA 23rd Ed. 4500-SiO2 C
389	CHEMICAL- WATER	Ground Water	Silica as Silicon dioxide	IS 3025 (Part 35)
390	CHEMICAL- WATER	Ground Water	Sodium	APHA 23rd Ed. 3500 Na
391	CHEMICAL- WATER	Ground Water	Sulfate	APHA 23rd Ed. 4500- SO42- E
392	CHEMICAL- WATER	Ground Water	Sulfate	IS 3025 (Part 24/Sec 1)
393	CHEMICAL- WATER	Ground Water	Sulfide	APHA 23rd Ed. 4500-S2- D
394	CHEMICAL- WATER	Ground Water	Sulfide	IS 3025 (Part 29)
395	CHEMICAL- WATER	Ground Water	Temperature	APHA 23rd Ed. 2550 B
396	CHEMICAL- WATER	Ground Water	Temperature	IS 3025 (Part 9)
397	CHEMICAL- WATER	Ground Water	Total Acidity as Calcium Carbonate	APHA 23rd Ed. 2310 B
398	CHEMICAL- WATER	Ground Water	Total Acidity as Calcium Carbonate	IS 3025 (Part 22)
399	CHEMICAL- WATER	Ground Water	Total Alkalinity as Calcium Carbonate	APHA 23rd Ed. 2320 B
400	CHEMICAL- WATER	Ground Water	Total Alkalinity as Calcium Carbonate	IS 3025 (Part 23)
401	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 23rd Ed. 2540 C
402	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	IS 3025 (Part 16)

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA -TECH ENVIRONMENTAL CONSULTANCY & LABORATORY, 93-A, G. V. BROTHERS BUILDING NO. 2, BATA COMPOUND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 23 of 25

Validity 04/08/2022 to 03/08/2024 **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
403	CHEMICAL- WATER	Ground Water	Total Hardness as Calcium Carbonate	APHA 23rd Ed. 2340 C
404	CHEMICAL- WATER	Ground Water	Total Hardness as Calcium Carbonate	IS 3025 (Part 21)
405	CHEMICAL- WATER	Ground Water	Total Solids	APHA 23rd Ed. 2540 B
406	CHEMICAL- WATER	Ground Water	Total Solids	IS 3025 (Part 15)
407	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA 23rd Ed. 2540 D
408	CHEMICAL- WATER	Ground Water	Total Suspended Solids	IS 3025 (Part 17)
409	CHEMICAL- WATER	Ground Water	Turbidity	APHA 23rd Ed. 2130 B
410	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10)
411	CHEMICAL- WATER	Ground Water	Volatile Solids	APHA 23rd Ed. 2540 E
412	CHEMICAL- WATER	Ground Water	Volatile Solids	IS 3025 (Part 18)
413	CHEMICAL- WATER	Surface Water	Ammonia	APHA 23rd Ed. 4500-NH3 C
414	CHEMICAL- WATER	Surface Water	Ammonia	APHA 23rd Ed. 4500-NH3- F
415	CHEMICAL- WATER	Surface Water	Ammonia	IS 3025 (Part 34)
416	CHEMICAL- WATER	Surface Water	Anionic Surfactants as MBAS	APHA 23rd Ed. 5540 B,C
417	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand (3 Days at 27 degree C)	IS 3025 (Part 44)
418	CHEMICAL- WATER	Surface Water	Boron	APHA 23rd Ed. 4500-B B
419	CHEMICAL- WATER	Surface Water	Boron	IS 3025 (Part 57)
420	CHEMICAL- WATER	Surface Water	Calcium	APHA 23rd Ed. 3500-Ca B
421	CHEMICAL- WATER	Surface Water	Calcium	IS 3025 (Part 40)
422	CHEMICAL- WATER	Surface Water	Calcium Hardness as Calcium Carbonate	APHA 23rd Ed. 2340 C
423	CHEMICAL- WATER	Surface Water	Calcium Hardness as Calcium Carbonate	IS 3025 (Part 21)
424	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	APHA 23rd Ed. 5220 B
425	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	IS 3025 (Part 58)
426	CHEMICAL- WATER	Surface Water	Chloride	APHA 23rd Ed. 4500-Cl- B
427	CHEMICAL- WATER	Surface Water	Chloride	IS 3025 (Part 32)
428	CHEMICAL- WATER	Surface Water	Colour	APHA 23rd Ed. 2120 C
429	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA 23rd Ed. 4500-O C

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA -TECH ENVIRONMENTAL CONSULTANCY & LABORATORY, 93-A, G. V. BROTHERS BUILDING NO. 2, BATA COMPOUND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 24 of 25

Validity 04/08/2022 to 03/08/2024 **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
430	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS 3025 (Part 38)
431	CHEMICAL- WATER	Surface Water	Electrical Conductivity	APHA 23rd Ed. 2510 B
432	CHEMICAL- WATER	Surface Water	Electrical Conductivity	IS 3025 (Part 14)
433	CHEMICAL- WATER	Surface Water	Fixed Solids	IS 3025 (Part 18)
434	CHEMICAL- WATER	Surface Water	Fixed Solids	APHA 23rd Ed. 2540 E
435	CHEMICAL- WATER	Surface Water	Fluoride	APHA 23rd Ed. 4500-F- B,D
436	CHEMICAL- WATER	Surface Water	Kjeldahl Nitrogen	APHA 23rd Ed. 4500-Norg B
437	CHEMICAL- WATER	Surface Water	Magnesium	APHA 23rd Ed. 3500-Mg B
438	CHEMICAL- WATER	Surface Water	Magnesium	IS 3025 (Part 46)
439	CHEMICAL- WATER	Surface Water	Magnesium Hardness as Calcium Carbonate	APHA 23rd Ed. 2340 C
440	CHEMICAL- WATER	Surface Water	Magnesium Hardness as Calcium Carbonate	IS 3025 (Part 21)
441	CHEMICAL- WATER	Surface Water	Nitrate Nitrogen	IS 3025 (Part 34)
442	CHEMICAL- WATER	Surface Water	Nitrite Nitrogen	APHA 23rd Ed. 4500-NO2- B
443	CHEMICAL- WATER	Surface Water	Nitrite Nitrogen	IS 3025 (Part 34)
444	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA 23rd Ed. 5520 B
445	CHEMICAL- WATER	Surface Water	Oil & Grease	IS 3025 (Part 39)
446	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Ed. 4500-H+ B
447	CHEMICAL- WATER	Surface Water	pH	IS 3025 (Part 11)
448	CHEMICAL- WATER	Surface Water	Phenolphthalein Alkalinity as Calcium Carbonate	APHA 23rd Ed. 2320 B
449	CHEMICAL- WATER	Surface Water	Phenolphthalein Alkalinity as Calcium Carbonate	IS 3025 (Part 23)
450	CHEMICAL- WATER	Surface Water	Phenols	"SOP No. UT/LQMS/SOP/W31 ; Issue No. 2 & Issue Date: May 12, 2021
451	CHEMICAL- WATER	Surface Water	Phenols	APHA 23rd Ed. 5530 D
452	CHEMICAL- WATER	Surface Water	Phosphorus	APHA 23rd Ed. 4500-P D,E
453	CHEMICAL- WATER	Surface Water	Potassium	APHA 23rd Ed. 3500 K
454	CHEMICAL- WATER	Surface Water	Silica as Silicon dioxide	APHA 23rd Ed. 4500-SiO2 C
455	CHEMICAL- WATER	Surface Water	Silica as Silicon dioxide	IS 3025 (Part 35)
456	CHEMICAL- WATER	Surface Water	Sodium	APHA 23rd Ed. 3500 Na

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA -TECH ENVIRONMENTAL CONSULTANCY & LABORATORY, 93-A, G. V. BROTHERS BUILDING NO. 2, BATA COMPOUND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5600 **Page No** 25 of 25

Validity 04/08/2022 to 03/08/2024 **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
457	CHEMICAL- WATER	Surface Water	Sulfate	APHA 23rd Ed. 4500- SO42- E
458	CHEMICAL- WATER	Surface Water	Sulfate	IS 3025 (Part 24/Sec 1)
459	CHEMICAL- WATER	Surface Water	Sulfide	APHA 23rd Ed. 4500-S2- D
460	CHEMICAL- WATER	Surface Water	Sulfide	IS 3025 (Part 29)
461	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Ed. 2550 B
462	CHEMICAL- WATER	Surface Water	Temperature	IS 3025 (Part 9)
463	CHEMICAL- WATER	Surface Water	Total Acidity as Calcium carbonate	APHA 23rd Ed. 2310 B
464	CHEMICAL- WATER	Surface Water	Total Acidity as Calcium carbonate	IS 3025 (Part 22)
465	CHEMICAL- WATER	Surface Water	Total Alkalinity as Calcium carbonate	APHA 23rd Ed. 2320 B
466	CHEMICAL- WATER	Surface Water	Total Alkalinity as Calcium carbonate	IS 3025 (Part 23)
467	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 23rd Ed. 2540 C
468	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	IS 3025 (Part 16)
469	CHEMICAL- WATER	Surface Water	Total Hardness as Calcium carbonate	APHA 23rd Ed. 2340 C
470	CHEMICAL- WATER	Surface Water	Total Hardness as Calcium carbonate	IS 3025 (Part 21)
471	CHEMICAL- WATER	Surface Water	Total Solids	APHA 23rd Ed. 2540 B
472	CHEMICAL- WATER	Surface Water	Total Solids	IS 3025 (Part 15)
473	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA 23rd Ed. 2540 D
474	CHEMICAL- WATER	Surface Water	Total Suspended Solids	IS 3025 (Part 17)
475	CHEMICAL- WATER	Surface Water	Turbidity	APHA 23rd Ed. 2130B
476	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part 10)
477	CHEMICAL- WATER	Surface Water	Volatile Solids	APHA 23rd Ed. 2540 E
478	CHEMICAL- WATER	Surface Water	Volatile Solids	IS 3025 (Part 18)