National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ANALYTICAL RESEARCH LABORATORY, BEIL INFRASTRUCTURE LIMITED, PLOT NO.9701-9716, GIDC ESTATE, ANKLESHWAR, BHARUCH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8141 **Page No** 1 of 9

Validity 07/11/2021 to 06/11/2023 **Last Amended on** 08/04/2022

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 Quality	Ammonia (NH3)	IS 5182 Part-25
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Arsenic as (As)	NAAQMS/36/2012-13, Vol-1
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Lead as (Pb)	IS 5182 (part 22)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Nickel as (Ni)	IS 5182 (part 26)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Nitrogen Dioxide (NO2)	IS : 5182 (Part- 6)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Ozone	IS 5182, Part-9
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	PM-2.5	IS 5182, Part-24
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	RSPM (PM10)	IS 5182 Part 23
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Sulphur Dioxide (SO2)	IS : 5182 (Part- 2)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring	Ammonia	IS 11255 Part-6
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring	CS2	IS 11255 (Part 4)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring	Flow rate	IS:11255(Part-3)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring	Flue gas Velocity	IS:11255(Part-3)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring	HCL	USEPA -0050
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring	Hydrogen Sulfide (H2S)	IS:11255(Part-4)
16	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring	Nitrogen Dioxide (NO2)	IS:11255(Part-7)
17	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring	Particulate Matter (PM)	IS: 11255 (Part – 1)
18	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring	Sulphur Dioxide (SO2)	IS: 11255 (Part – 2)

SCOPE OF ACCREDITATION

Laboratory Name : ANALYTICAL RESEARCH LABORATORY, BEIL INFRASTRUCTURE LIMITED, PLOT NO.9701-9716, GIDC ESTATE, ANKLESHWAR, BHARUCH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8141 **Page No** 2 of 9

Validity 07/11/2021 to 06/11/2023 **Last Amended on** 08/04/2022

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
19	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring	Temperature	IS:11255(Part-3)
20	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	Arsenic	FCO Part D
21	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	Bulk Density	FCO Part D
22	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	C/N Ratio	FCO Part D
23	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	Cadmium	FCO- Schedule-II Part-B 8 (x)
24	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	Chromium	FCO Part D
25	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	Color	FCO
26	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	Conductivity	FCO Schedule-IV Part D (4)
27	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	Copper	FCO- Schedule-II Part-B 8 (iv)
28	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	Lead	FCO Schedule-II Part-B 8 (v)
29	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	Mercury	FCO Part D
30	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	Moisture	FCO Schedule-IV Part D (2)
31	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	Nickel	FCO Part D
32	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	Nitrogen	FCO Schedule -II Part-B 3(v)
33	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	Odor	FCO
34	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	Particle Size (4mm)	FCO Schedule-IV Part A 1 (iv)
35	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	pH (10% Soln.)	FCO Schedule-IV Part D (1)
36	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	Potash as K2O	FCO Schedule-IV Part D (9)
37	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	Total Organic Carbon	FCO Schedule-IV Part D (5)
38	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	Total Phosphate (P2O5)	FCO- Schedule-II Part-B 4 (ii)
39	CHEMICAL- FERTILIZERS	Fertilizer (Compost)	Zinc	FCO-Schedule-II Part-B 8 (ii)
40	CHEMICAL- PESTICIDE FORMULATIONS	Propanil Impurity I	3,3',4,4'-tetrachloroazobenzene (TCAB) Impurity	SOP/P/002
41	CHEMICAL- PESTICIDE FORMULATIONS	Propanil Technical	Propanil Assay (%)	SOP/P/001
42	CHEMICAL- PESTICIDE FORMULATIONS	Propanil Technical Impurity II	3,3',4,4'-tetrachloroazoxybenzene (TCAOB) Impurity	SOP/P/002
43	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Ammonical Nitrogen	APHA 4500-NH3-C, 4-116, 23rd Ed.,
44	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Annealing Loss at 550*C	SOP/HW/04 (Issue :02)

SCOPE OF ACCREDITATION

Laboratory Name :	ANALYTICAL RESEARCH LABORATORY, BEIL INFRASTRUCTURE LIMITED, PLOT NO.9701-9716, GIDC ESTATE, ANKLESHWAR, BHARUCH, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8141	**Page No**	3 of 9
Validity	07/11/2021 to 06/11/2023	**Last Amended on**	08/04/2022

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
45	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Ash Content (w/w)	IS 1448 (Part-4) ;1984
46	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Calorific Value	IS 1448 (Part-6) : 1984
47	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Carbon (w/w)	ASTM D5291 - 10(2015)
48	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Chloride (Halogen)	SOP/HW/15 Volhard's Method
49	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Compatibility Test	EPA 600
50	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Cyanide	APHA 4500 CN C ,4-44 to 4-45 ,23rd Ed.
51	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Flammability Test	US EPA 1030
52	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Flash Point	IS 1448 (P-21)
53	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Fluoride	APHA 4500 F C ,4-89 to 4-90 ,23rd Ed
54	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Hydrogen (w/w)	ASTM D5291 - 10(2015)
55	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Loss on Drying (w/w)	SOP no.:2.13 Issue No. 01 -30/06/2016 based on standard chemical analysis book by NH surman
56	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Nitrogen (w/w)	ASTM D5291 - 10(2015)
57	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	PH	APHA* 4500H+-B, 4-95 to 4-99, 23rd Ed.
58	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Physical State	SOP/HW/21
59	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Reactivity With Air	ASTM D -5058-90
60	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Reactivity With lime	ASTM D -5058-90
61	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Reactivity With Triethylamine	ASTM D -5058-90
62	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Reactivity With Water	ASTM D -5058-90

SCOPE OF ACCREDITATION

Laboratory Name : ANALYTICAL RESEARCH LABORATORY, BEIL INFRASTRUCTURE LIMITED, PLOT NO.9701-9716, GIDC ESTATE, ANKLESHWAR, BHARUCH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8141 **Page No** 4 of 9

Validity 07/11/2021 to 06/11/2023 **Last Amended on** 08/04/2022

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
63	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Sample Appearance	SOP/HW/21
64	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Sulphur (w/w)	ASTM D5291 - 10(2015)
65	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid waste	Water Content by K.F.(w/w)	USEPA 9000 B (Feb 2007)
66	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous solid waste	Annealing Loss	SOP/HW/04 (Issue :02)
67	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous solid waste	Ash Content	IS 1448 (P-4)
68	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous solid waste	Calorific Value	IS 1448 (Part-6)
69	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous solid waste	Chloirde (Halogen)	SOP/HW/15 Volhard’s Method
70	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous solid waste	Compatibility	EPA 600 A
71	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous solid waste	Flammability	USEP Method 1030
72	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous solid waste	Liquid Release Test	USEPA 9096
73	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous solid waste	Loss On Drying	HW/NB/16 (Issue No.2)
74	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous solid waste	Oil & Grease	APHA 23rd Edition, 5520-D (Soxhlet Extraction)
75	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Solid Waste	Plain Filter Liquid Test	USEPA Method 9095 B
76	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous solid waste	Total Sulphur	ASTM D5291 - 10
77	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate from Hazardous Solid waste in water medium	pH	APHA* 4500H+-B, 4-95 to 4-99, 23rd Ed.2017
78	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate from Hazardous Solid waste in water medium	Ammonical Nitrogen	APHA 4500-NH3-C, 4-116, 23rd Ed.,2017
79	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate from Hazardous Solid waste in water medium	Arsenic (as As)	APHA 3114-As- B, 3-36 to 3-40, 23rd Ed.2017
80	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate from Hazardous Solid waste in water medium	Cadmium (as Cd)	APHA 3111-Cd- B, 3-20 to 3-21, 23rd Ed. 2017
81	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate from Hazardous Solid waste in water medium	COD	APHA 5220-B, 5-18 to 5-19, 23rd Ed.

SCOPE OF ACCREDITATION

Laboratory Name :	ANALYTICAL RESEARCH LABORATORY, BEIL INFRASTRUCTURE LIMITED, PLOT NO.9701-9716, GIDC ESTATE, ANKLESHWAR, BHARUCH, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8141	**Page No**	5 of 9
Validity	07/11/2021 to 06/11/2023	**Last Amended on**	08/04/2022

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
82	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate from Hazardous Solid waste in water medium	Copper (as Cu)	APHA 3111-Cu-B 3-20 to 3-21, 23rd Ed.2017
83	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate from Hazardous Solid waste in water medium	Cyanide	APHA 4500 CN C ,4-44 to 4-45 ,23rd Ed.
84	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate from Hazardous Solid waste in water medium	Fluoride (as F)	APHA 4500-F- C, 4-89 to 4-90, 23rd Ed.2017
85	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate from Hazardous Solid waste in water medium	Lead (as Pb)	APHA 3111-Pb-B, 3-20 to 3-21, 23rd Ed.2017
86	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate from Hazardous Solid waste in water medium	Mercury (as Hg)	APHA 3112-Hg- B, 3-25 to 3-27, 23rd Ed.2017
87	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate from Hazardous Solid waste in water medium	Nickel (as Ni)	APHA 3111-Ni- B, 3-20 to 3-21, 23rd Ed. 2017
88	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate from Hazardous Solid waste in water medium	Nitrate (as NO3-N)	IS 3025 (Part-34) - Chromotropic Method
89	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate from Hazardous Solid waste in water medium	Total Chromium (as Cr)	APHA 3111-Cr-B 3-20 to 3-21, 23rd Ed.2017
90	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate from Hazardous Solid waste in water medium	Total Phenols (as C6H5OH)	APHA, 5530-D, 5-52, 23rd Ed.2017
91	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate from Hazardous Solid waste in water medium	Zinc (as Zn)	APHA 3111-Zn- B, 3-20 to 3-21, 23rd Ed.2017
92	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA* 4500H+-B, 4-95 to 4-99, 23rd Ed.
93	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen	APHA 4500-NH3-C, 4-116, 23rd Ed.,
94	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Arsenic (as As)	APHA 3114-As- B, 3-36 to 3-40, 23rd Ed.
95	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	BOD for 3 days at 27° C	IS:3025 (Part 44)
96	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cadmium	APHA 3111 C,3-22 to 3-23 ,23rd Ed
97	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium	APHA-3500 Ca B , 3-69 to 3-70, 23rd Ed.
98	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride (as Cl)	APHA 4500Cl- B, 4-75 to 4-76 23rd Ed.
99	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	COD	APHA 5220-B, 5-18 to 5-19, 23rd Ed.
100	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Color	APHA 2120 C, 2-7 to 2-8, 23rd Ed.

SCOPE OF ACCREDITATION

Laboratory Name :	ANALYTICAL RESEARCH LABORATORY, BEIL INFRASTRUCTURE LIMITED, PLOT NO.9701-9716, GIDC ESTATE, ANKLESHWAR, BHARUCH, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8141	**Page No**	6 of 9
Validity	07/11/2021 to 06/11/2023	**Last Amended on**	08/04/2022

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
101	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Copper (as Cu)	APHA 3111-Cu-B 3-20 to 3-21, 23rd Ed.
102	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cyanide ,as CN	APHA 4500 CN C ,4-44 to 4-45 ,23rd Ed
103	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hexavalent Chromium	APHA 3500 Cr B, 3-71 to 3-73, 23rd Ed.
104	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron (as Fe)	APHA 3111-Fe- B, 3-20 to 3-21, 23rd Ed.
105	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Lead (as Pb)	APHA 3111-Pb-B, 3-20 to 3-21, 23rd Ed.
106	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium	APHA 23rd Ed. 3500, Mg- B
107	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Manganese	APHA 3111 B ,3-20 to 3-21 ,23rd Ed
108	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Mercury (as Hg)	APHA 3112-Hg- B, 3-25 to 3-27, 23rd Ed.
109	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nickel (as Ni)	APHA 3111-Ni- B, 3-20 to 3-21, 23rd Ed.
110	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate	APHA 4500-NO3- B, 4-129 to 4-130, 23rd Ed
111	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA 5520-B, 5-42 to 5-44, 23rd Ed.
112	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate	APHA-4500 P-C , 4-160 to 4-161, 23rd Ed.
113	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium	APHA 3500 K -B , 23rd Ed
114	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Selenium	APHA 3114- B
115	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium	APHA 3500 Na-B ,23rd Ed.
116	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulfide (as S-2)	APHA 4500-S-2-F 4-187 ,23rd Ed.2017
117	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate (as SO4)	APHA ,4500-SO4-E , 4-199 to 4-200, 23rd Ed.2017
118	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Chromium (as Cr)	APHA 3111-Cr-B 3-20 to 3-21, 23rd Ed.2017
119	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solid (TDS)	APHA 2540-C, 2-69 to 2-70 23rd Ed. 2017

SCOPE OF ACCREDITATION

Laboratory Name :	ANALYTICAL RESEARCH LABORATORY, BEIL INFRASTRUCTURE LIMITED, PLOT NO.9701-9716, GIDC ESTATE, ANKLESHWAR, BHARUCH, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8141	**Page No**	7 of 9
Validity	07/11/2021 to 06/11/2023	**Last Amended on**	08/04/2022

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
120	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness	APHA-2340-C , 2-48 to 2-50, 23rd Ed.
121	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldahl Nitrogen	APHA 4500 NORG C, 4-140 to 4-141 23rd Ed.
122	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Organic Carbon (TOC)	APAH 5310-B, 5-26 to 5-29, 23rd Ed.2017
123	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Phenols as C6H5OH)	APHA, 5530-D, 5-52, 23rd Ed.2017
124	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Residual Chlorine	APHA 4500 Cl B ,4-63 to 4-64 ,23rd Ed
125	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids (TSS)	APHA-2540-D 2-70 to 2-71, 23rd Ed.2017
126	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Zinc (as Zn)	APHA 3111-Zn- B, 3-20 to 3-21, 23rd Ed.2017
127	CHEMICAL- RESIDUES IN WATER	Bore well and Potable water	Aluminum	APHA 3111-B, 23rd Ed.
128	CHEMICAL- RESIDUES IN WATER	Bore well and Potable water	Arsenic	APHA 3114-As- B, 3-36 to 3-40, 23rd Ed.
129	CHEMICAL- RESIDUES IN WATER	Bore well and Potable water	Cadmium	APHA 3111-Cd- B,3-18 to 3-20, 23rd Ed
130	CHEMICAL- RESIDUES IN WATER	Bore well and Potable water	Copper (as Cu)	APHA 3111-Cu-B 3-20 to 3-21, 23rd Ed.
131	CHEMICAL- RESIDUES IN WATER	Bore well and Potable water	Iron (as Fe)	APHA 3111-Fe- B, 3-20 to 3-21, 23rd Ed.
132	CHEMICAL- RESIDUES IN WATER	Bore well and Potable water	Lead (as Pb)	APHA 3111-Pb-B, 3-20 to 3-21, 23rd Ed.
133	CHEMICAL- RESIDUES IN WATER	Bore well and Potable water	Manganese as Mn	APHA 3111 B ,3-20 to 3-21 ,23rd Ed.
134	CHEMICAL- RESIDUES IN WATER	Bore well and Potable water	Mercury	APHA 3112-Hg- B, 3-25 to 3-27, 23rd Ed.
135	CHEMICAL- RESIDUES IN WATER	Bore well and Potable water	Nickel (as Ni)	APHA 3111-Ni- B, 3-20 to 3-21, 23rd Ed.
136	CHEMICAL- RESIDUES IN WATER	Bore well and Potable water	Selenium	APHA 3500-Se- B, 3-93 to 3-93, 23rd Ed.
137	CHEMICAL- RESIDUES IN WATER	Bore well and Potable water	Total Chromium (as Cr)	APHA 3111-Cr-B 3-20 to 3-21, 23rd Ed.
138	CHEMICAL- RESIDUES IN WATER	Bore well and Potable water	Zinc (as Zn)	APHA 3111-Zn- B, 3-20 to 3-21, 23rd Ed.

SCOPE OF ACCREDITATION

Laboratory Name :	ANALYTICAL RESEARCH LABORATORY, BEIL INFRASTRUCTURE LIMITED, PLOT NO.9701-9716, GIDC ESTATE, ANKLESHWAR, BHARUCH, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8141	**Page No**	8 of 9
Validity	07/11/2021 to 06/11/2023	**Last Amended on**	08/04/2022

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
139	CHEMICAL- WATER	Bore well and Potable water	Turbidity	APHA-2130-B, 2-13 to 2-15, 23rd Ed.
140	CHEMICAL- WATER	Bore well and Potable water	Ammoniacal Nitrogen	APHA 4500-NH3-C, 4-116, 23rd Ed.,
141	CHEMICAL- WATER	Bore well and Potable water	BOD for 3 Days at 27° C	IS :3025 (Part 44)
142	CHEMICAL- WATER	Bore well and Potable water	Calcium	APHA 23rd Ed. 3500 Ca B , 3-69 to 3-70,
143	CHEMICAL- WATER	Bore well and Potable water	Chloride (as Cl)	APHA 4500Cl- B, 4-75 to 4-76 23rd Ed.
144	CHEMICAL- WATER	Bore well and Potable water	COD	APHA 5220-B, 5-18 to 5-19, 23rd Ed
145	CHEMICAL- WATER	Bore well and Potable water	Color	APHA 2120 C, 2-7 to 2-8, 23rd Ed.
146	CHEMICAL- WATER	Bore well and Potable water	Conductivity	APHA-2510-B, 2-58 to 2-59, 23rd Ed.
147	CHEMICAL- WATER	Bore well and Potable water	Fluoride	APHA 4500-F- C, 4-89 to 4-90, 23rd Ed.
148	CHEMICAL- WATER	Bore well and Potable water	M- Alkalinity	IS : 3025 (Part 23)
149	CHEMICAL- WATER	Bore well and Potable water	Magnesium	APHA-3500 Mg B , 3-86, 23rd Ed.
150	CHEMICAL- WATER	Bore well and Potable water	Nitrate	IS 3025 (Part-34) - Chromotropic Method
151	CHEMICAL- WATER	Bore well and Potable water	Oil & Grease	APHA 5520-B, 5-42 to 5-44, 23rd Ed.
152	CHEMICAL- WATER	Bore well and Potable water	P- Alkalinity	IS : 3025 (Part 23)
153	CHEMICAL- WATER	Bore well and Potable water	pH	APHA* 4500H+-B, 4-95 to 4-99, 23rd Ed.
154	CHEMICAL- WATER	Bore well and Potable water	Sulfide (as S-2)	APHA 4500-S-2-F 4-187 , 23rd Ed.
155	CHEMICAL- WATER	Bore well and Potable water	Sulphate (as SO4)	APHA ,4500-SO4-E , 4-199 to 4-200, 23rd Ed.
156	CHEMICAL- WATER	Bore well and Potable water	Total Alkalinity	IS : 3025 (Part 23)
157	CHEMICAL- WATER	Bore well and Potable water	Total Dissolved Solid (TDS)	APHA 2540-C, 2-69 to 2-70 23rd Ed.
158	CHEMICAL- WATER	Bore well and Potable water	Total Hardness as CaCO3	APHA-2340-C , 2-48 to 2-50, 23rd Ed.

SCOPE OF ACCREDITATION

Laboratory Name :	ANALYTICAL RESEARCH LABORATORY, BEIL INFRASTRUCTURE LIMITED, PLOT NO.9701-9716, GIDC ESTATE, ANKLESHWAR, BHARUCH, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8141	**Page No**	9 of 9
Validity	07/11/2021 to 06/11/2023	**Last Amended on**	08/04/2022

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
159	CHEMICAL- WATER	Bore well and Potable water	Total Organic Carbon (TOC)	APAH 5310-B, 5-26 to 5-29, 23rd Ed.
160	CHEMICAL- WATER	Bore well and Potable water	Total Phenols	APHA, 5530-D, 5-52, 23rd Ed.
161	CHEMICAL- WATER	Bore well and Potable water	Total Residual Chlorine	APHA 4500 Cl B ,4-63 to 4-65 ,23rd Ed.
162	CHEMICAL- WATER	Bore well and Potable water	Total Suspended Solids (TSS)	APHA-2540-D 2-70 to 2-71, 23rd Ed.