National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ENVIRONMENTAL AND INDUSTRIAL BIOTECHNOLOGY DIVISION, THE ENERGY AND RESOURCES INSTITUTE (TERI), DARBARI SETH BLOCK, IHC COMPLEX, LODHI ROAD, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5815 **Page No** 1 of 2

Validity 13/01/2023 to 12/01/2025 **Last Amended on** 19/04/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL- WATER	Water	E. coli	IS 15185
2	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Total Petroleum Hydrocarbon (Hexane Extractable)	USEPA 9071B
3	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Petroleum Aliphatic Hydrocarbon	USEPA 1664
4	CHEMICAL- POLLUTION & ENVIRONMENT	Soil /Sludge	Total Petroleum Aliphatic Hydrocarbon C10-C36	EIBD 8015B
5	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sludge	Polynuclear Aromatic Hydrocarbon: Acenapthene, Acenaphthylene, Pyrene, Anthracene, Fluorene, Benzo(a)anthracene, Benzo(a)pyrene, Phenanthrene, Chrysene, Benzo(b)fluoranthene, Fluoranthene, Benzo(k)fluoranthene, Naphthalene, Indeno(1,2,3-cd)pyrene, Benzo(ghi)perylene, Dibenzo(a,h)anthracene	USEPA 8100
6	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sludge	Total Petroleum Aromatic Hydrocarbon	USEPA 3630C
7	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	IS 3025 (Part 40)
8	CHEMICAL- WATER	Drinking Water	Chloride (Cl)	IS 3025 (Part 32)
9	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	IS 3025 (Part 14)
10	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 (Part 46)
11	CHEMICAL- WATER	Drinking Water	pH	1S 3025 (Part 11)
12	CHEMICAL- WATER	Drinking Water	Sulphate (SO4)	IS 3025 (Part 24)
13	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
14	CHEMICAL- WATER	Drinking Water	Total Hardness (CaCo3)	IS 3025 (Part 21)
15	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	IS 3025 (Part 14)
16	CHEMICAL- WATER	Ground water	Chloride (Cl)	IS 3025 (Part 32)
17	CHEMICAL- WATER	Ground water	Electrical Conductivity	IS 3025 (Part 14)
18	CHEMICAL- WATER	Ground water	Magnesium (as Mg)	IS 3025 (Part 46)
19	CHEMICAL- WATER	Ground water	pH	IS 3025(Part 11)
20	CHEMICAL- WATER	Ground water	Sulphate (as So4)	IS 3025 (Part 24)

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21	CHEMICAL- WATER	Ground water	Total Dissolved Solids	IS 3025 (Part 16)
22	CHEMICAL- WATER	Ground water	Total Hardness (As CaCO3)	1S 3025 (Part 21)
23	CHEMICAL- WATER	Ground water	Total Suspended Solids	IS 3025 (Part 14)
24	CHEMICAL- WATER	Surface water	Calcium (as Ca)	IS 3025 (Part 40)
25	CHEMICAL- WATER	Surface water	Chloride (Cl)	IS 3025 (Part 32)
26	CHEMICAL- WATER	Surface water	Electrical Conductivity	1S 3025 (Part 14)
27	CHEMICAL- WATER	Surface water	Magnesium (as Mg)	IS 3025 (Part 46)
28	CHEMICAL- WATER	Surface water	pH	IS 3025 (Part 11)
29	CHEMICAL- WATER	Surface water	Sulphate (as So4)	IS 3025 (Part 24)
30	CHEMICAL- WATER	Surface water	Total Dissolved Solids	IS 3025 (Part 16)
31	CHEMICAL- WATER	Surface water	Total Hardness (CaCo3)	IS 3025 (Part 21)
32	CHEMICAL- WATER	Surface water	Total Suspended Solids	IS 3025 (Part 14)