National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ENVIRONMENT LABORATORY, TATA MOTORS LIMITED, P. O. TELCO, JAMSHEDPUR, EAST SINGHBUM, JHARKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10403 **Page No** 1 of 2

Validity 10/03/2022 to 09/03/2024 **Last Amended on** 22/06/2022

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 Monitoring	Ammonia	APHA 3rd Edition (Method 401)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Oxides of Nitrogen (NO2)	IS 5182 (Part 6)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Ozone	APHA 3rd Edition (Method 411)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Respirable Suspended Particulate Matter (PM10)	IS 5182 (Part 23)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Sulfur Di-oxide (SO2)	IS 5182 (Part 2)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Suspended Particulate Matter (SPM)	IS 5182 (Part 4)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Nitrogen Oxides (NOx)	IS 11255 (Part 7)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part 1 & 3)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulfur Dioxide	IS 11255 (Part 2)
10	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	Alkalinity as CaCO3	APHA 23rd Edition 2320B
11	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	Ammonical Nitrogen as N	APHA 23rd Edition 4500 B & C
12	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	Biochemical Oxygen Demand (BOD)	APHA 23rd Edition 5210B
13	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	Biochemical Oxygen Demand (BOD)	IS 3025 (Part 44)
14	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	Chemical Oxygen Demand (COD)	APHA 23rd Edition 5220B
15	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	Chemical Oxygen Demand (COD)	IS 3025 (Part 52)
16	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	Chloride (Cl)	APHA 23rd Edition 4500 Cl- B
17	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	Chloride (Cl)	IS 3025 (Part 32)
18	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	Dissolved Oxyogen (DO)	APHA 23rd Edition 4500 O- C

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	MLSS	APHA 23rd Edition 2540D
20	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	MLVSS	APHA 23rd Edition 2540E
21	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	Nitrate	APHA 23rd Edition 4500 NO3 B/E
22	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	Nitrate	IS 3025 (Part 34)
23	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	Oil & Grease	APHA 23rd Edition 5520B
24	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	pH	APHA 23rd Edition 4500 H/B
25	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	Residual Free Chlorine (RFC)	IS 3025 (Part 26)
26	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	Total Dissolved Solids (TDS)	APHA 23rd Edition 2540C
27	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
28	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	Total Suspended Solid (TSS)	APHA 23rd Edition 2540D
29	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent	Total Suspended Solid (TSS)	IS 3025 (Part 17)