National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MPL CHEMICAL & ENVIRONMENT LABORATORY, MAITHON POWER LTD. (A JOINT VENTURE COMPANY OF TATA POWER & DVC), MA- 5 GOGNA,P.O. MAITHON DAM, DHANBAD, JHARKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7582 **Page No** 1 of 2

Validity 30/06/2021 to 29/06/2023 **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- LUBRICANTS	oil	Density	ASTM D 1298-12b
2	CHEMICAL- LUBRICANTS	oil	Kinematic Viscosity	ASTM D 445
3	CHEMICAL- LUBRICANTS	oil	Particle Count per 100ml	ISO 4407
4	CHEMICAL- LUBRICANTS	oil	Particulate Contamination	ASTM D 5452
5	CHEMICAL- LUBRICANTS	oil	Total Acid Number(TAN)	ASTM D 974
6	CHEMICAL- LUBRICANTS	oil	Total Acid Number(TAN)	ASTM D 664
7	CHEMICAL- LUBRICANTS	oil	Water Conten	ASTM D 6304
8	CHEMICAL- LUBRICANTS	oil	Water Content	ASTM D 95
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chemical oxygen Demand	APHA 5220- B, 23rd Edition
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical oxygen Demand	APHA 5220- D, 23rd Edition
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Conductivity	IS 3025 (P-14)
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolve Oxygen	IS 3025 (P-38)
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil&Grease	APHA 5520-B, 23rd Edition
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	IS:3025 (P-11)
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	IS:3025 (P-9)
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	APHA 2540-C, 23rd Edition
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	IS:3025 (P-17)
18	CHEMICAL- SOLID FUELS	coal	Ash	IS:1350 (Part-1)
19	CHEMICAL- SOLID FUELS	coal	Fixed Carbon	IS:1350 (Part-1)
20	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	ASTM D 5865
21	CHEMICAL- SOLID FUELS	coal	LOI ofcombustion residue	ASTM D 7348
22	CHEMICAL- SOLID FUELS	coal	Moisture(air dried basis)	IS:1350 (Part-1)
23	CHEMICAL- SOLID FUELS	coal	Moisture(in equilibrated)	IS:1350 (Part-1)
24	CHEMICAL- SOLID FUELS	coal	Sulfur	IS 1350 (Part-03)

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25	CHEMICAL- SOLID FUELS	coal	Total Moisture	IS:1350 (Part-1)
26	CHEMICAL- SOLID FUELS	coal	Volatile Matter	IS:1350 (Part-1)