National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MAHAGENCO WATER, FUEL AND ENVIRONMENT TESTING LABORATORY, KHAPERKHEDA, WATER TREATMENT PLANT-I, MSPGCL, KHAPERKHEDA THERMAL POWER STATION, NAGPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10915 **Page No** 1 of 1

Validity 18/08/2022 to 17/08/2024 **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	NO2	IS 5182 (Part 6)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM10	IS 5182 (Part 23)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	SO2	IS 5182 (Part 2)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Leq (Day)	MWFETL/QTP/NL-Day, Issue Date: 01.11.2021
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Leq (Night)	MWFETL/QTP/NL-Night, Issue Date: 01.11.2021
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	PM	IS 11255 (Part 1)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	SO2	IS 11255 (Part 2)
8	CHEMICAL- SOLID FUELS	Coal	Air Dried Moisture	IS 1350 (Part 1)
9	CHEMICAL- SOLID FUELS	Coal	Ash (Air Dried Basis)	IS 1350 (Part 1)
10	CHEMICAL- SOLID FUELS	Coal	Equilibrated Moisture %	IS 1350 (Part 1)
11	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	IS 1350 (Part 2)
12	CHEMICAL- SOLID FUELS	Coal	Total Moisture %	IS 1350 (Part 1)
13	CHEMICAL- SOLID FUELS	Coal	Volatile Matter (Air Dried Basis)	IS 1350 (Part 1)
14	CHEMICAL- WATER	Raw Water	Conductivity	IS 3025 (Part 14)
15	CHEMICAL- WATER	Raw Water	pH	IS 3025 (Part 11)
16	CHEMICAL- WATER	Raw Water	Chloride as Cl	IS 3025 (Part 32)
17	CHEMICAL- WATER	Raw Water	Total Alkalinity (as CaCO3)	IS 3025 (Part 23)
18	CHEMICAL- WATER	Raw Water	Total Hardness (as CaCO3)	IS 3025 (Part 21)
19	CHEMICAL- WATER	Waste Water Effluent	Chloride as Cl	IS 3025 (Part 32)
20	CHEMICAL- WATER	Waste Water Effluent	Conductivity	IS 3025 (Part 14)
21	CHEMICAL- WATER	Waste Water Effluent	pH	IS 3025 (Part 11)
22	CHEMICAL- WATER	Waste Water Effluent	Total Alkalinity (as CaCO3)	IS 3025 (Part 23)
23	CHEMICAL- WATER	Waste Water Effluent	Total Hardness (as CaCO3)	IS 3025 (Part 21)