National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TORRENT POWER LIMITED-AMGEN, ANALYTICAL LABORATORY, SABARMATI TPS, SABARMATI, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6516 **Page No** 1 of 1

Validity 14/10/2021 to 13/10/2023 **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- SOLID FUELS	Coal	Ash	ASTM D7582
2	CHEMICAL- SOLID FUELS	Coal	Ash	IS 1350 (Part-I)
3	CHEMICAL- SOLID FUELS	Coal	Carbon	ASTM D5373
4	CHEMICAL- SOLID FUELS	Coal	Equilibrate Moisture at 40°C and 60 % Relative Humidity	IS 1350 (Part-I)
5	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	ASTM D-7582
6	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	By calculation as per IS 1350 (Part-1)
7	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value as GCV	ASTM D5865/D5865M
8	CHEMICAL- SOLID FUELS	Coal	Hydrogen	ASTM D5373
9	CHEMICAL- SOLID FUELS	Coal	Moisture (Inherent) as Air Dried Basis	IS 1350 Part-I ,1984
10	CHEMICAL- SOLID FUELS	Coal	Moisture as IM on Air Dried Basis	ASTM D7582
11	CHEMICAL- SOLID FUELS	Coal	Nitrogen	ASTM D5373
12	CHEMICAL- SOLID FUELS	Coal	Sulphur	ASTM D4239
13	CHEMICAL- SOLID FUELS	Coal	Total Moisture as Received Basis	ASTM D3302 / D 3302M
14	CHEMICAL- SOLID FUELS	Coal	Total Moisture as Received Basis	IS: 1350 (Part 1)
15	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	ASTM D7582
16	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS 1350 (Part-I)
17	CHEMICAL- WATER	Treated water	Conductivity at 25°C	APHA 2510 B
18	CHEMICAL- WATER	Treated water	Conductivity at 25°C	APHA 2510 B
19	CHEMICAL- WATER	Treated water	Conductivity at 25°C	APHA 2510 B
20	CHEMICAL- WATER	Treated water	pH	APHA 4500 H+ B
21	CHEMICAL- WATER	Treated water	Phosphate as PO4	LAB/SOP/04
22	CHEMICAL- WATER	Treated water	Silica as SiO2	APHA 4500 SiO2 D
23	CHEMICAL- WATER	Treated water	Total Hardness as CaCO3	APHA 2340 C