National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : COAL AND COMBUSTION LABOATORY, NCPS, NTPC LIMITED, NCPS DADRI, GAUTAM BUDH NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7822 **Page No** 1 of 2

Validity 20/10/2022 to 19/10/2024 **Last Amended on** 24/01/2023

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	CHEMICAL- SOLID FUELS	BIOMASS	SIZE PASSED THROUGH 1mm SIEVE	NCOS DADRI/C&CL/SOP/01 ISSUE NO.01 DTD. 05.01.2022
2	CHEMICAL- SOLID FUELS	BIOMASS	SIZE PASSED THROUGH 3mm SIEVE	ISO 18846
3	CHEMICAL- SOLID FUELS	Coal	Ash	ASTM D3174
4	CHEMICAL- SOLID FUELS	Coal	Ash	IS 1350 Part I
5	CHEMICAL- SOLID FUELS	Coal	Equilibrate Moisture (60%RH and 40 degree C temperature)	IS 1350 part I;Clause:6.7.1
6	CHEMICAL- SOLID FUELS	COAL	FIXED CARBON ON AIR DRIED BASIS	IS 1350(PART I); CL 9.1
7	CHEMICAL- SOLID FUELS	Coal	FIXED CARBON ON ARB	IS 1350(PART I); CL 9.1
8	CHEMICAL- SOLID FUELS	COAL	FIXED CARBON ON DRY BASIS	IS 1350(PART I); CL 9.1
9	CHEMICAL- SOLID FUELS	Coal	FIXED CARBON ON EQ MOISTURE BASIS	IS 1350(PART I); CL 9.1
10	CHEMICAL- SOLID FUELS	COAL	GCV ON AIR DRIED BASIS	IS1350 (PART II)
11	CHEMICAL- SOLID FUELS	Coal	GCV ON ARB	IS1350 (PART II)
12	CHEMICAL- SOLID FUELS	Coal	GCV ON DRY BASIS	IS1350 (PART II)
13	CHEMICAL- SOLID FUELS	Coal	GCV ON EQ MOISTURE BASIS	IS1350 (PART II)
14	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	ASTM D5865
15	CHEMICAL- SOLID FUELS	Coal	Moisture in Air Dried Sample	IS 1350 Part I;Clause:6.3.2, Method:II
16	CHEMICAL- SOLID FUELS	COAL	Moisture in Analysis Sample	ASTM D3173
17	CHEMICAL- SOLID FUELS	Coal	Residual Moisture	ASTM D3302;Clause:9.3
18	CHEMICAL- SOLID FUELS	COAL	SIZE PASSED THROUGH 2.36mm SIEVE	ASTM D4749
19	CHEMICAL- SOLID FUELS	COAL	SIZE PASSED THROUGH 20mm SIEVE	ASTM D4749
20	CHEMICAL- SOLID FUELS	COAL	SIZE PASSED THROUGH 75 MICRON SIEVE	ASTM D4749
21	CHEMICAL- SOLID FUELS	COAL	SIZE RETAINED ON 150 MICRON SIEVE	ASTM D4749
22	CHEMICAL- SOLID FUELS	COAL	SIZE RETAINED THORUGH 300 MICRON SIEVE	ASTM D4749
23	CHEMICAL- SOLID FUELS	Coal	Sulfur	ASTM D4239; Method A

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24	CHEMICAL- SOLID FUELS	COAL	TOTAL MOISTURE	ASTM D3302
25	CHEMICAL- SOLID FUELS	COAL	TOTAL MOISTURE	IS1350(PART I);CL6.4
26	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	ASTM D3175
27	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS 1350 PART(I)