National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TCRC INSPECTIONS PRIVATE LIMITED, 5 / 62B, 1ST FLOOR, SELSEENI COLONY, TUTICORIN, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9024 **Page No** 1 of 3

Validity 05/10/2022 to 04/10/2024 **Last Amended on** 20/10/2022

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- SOLID FUELS	Coal	Ash(air dried basis, as received basis & dry basis)	ASTM D 3174
2	CHEMICAL- SOLID FUELS	Coal	Ash(air dried basis, as received basis & dry basis)	IS 1350:Part 1
3	CHEMICAL- SOLID FUELS	Coal	Ash(air dried basis, as received basis & dry basis)	ISO 1171
4	CHEMICAL- SOLID FUELS	Coal	Crucible swelling number (Free swelling number)	ASTM D 720
5	CHEMICAL- SOLID FUELS	Coal	Crucible swelling number(Free swelling index)	ISO 501
6	CHEMICAL- SOLID FUELS	Coal	Crucible swelling number(Free swelling number)	IS 1353
7	CHEMICAL- SOLID FUELS	Coal	Equilibrated moisture (60RH &40C)	IS1350:Part 1
8	CHEMICAL- SOLID FUELS	Coal	Fixed carbon (air dried basis, as received basis & dry basis)	ASTM D 3172
9	CHEMICAL- SOLID FUELS	Coal	Fixed carbon (air dried basis, as received basis & dry basis)	IS 1350: Part 1
10	CHEMICAL- SOLID FUELS	Coal	Fixed carbon (air dried basis, as received basis & dry basis)	ISO 17246
11	CHEMICAL- SOLID FUELS	Coal	Gross calorific value (air dried basis, as received basis & dry basis)	ASTM D 5865
12	CHEMICAL- SOLID FUELS	Coal	Gross calorific value (air dried basis, as received basis & dry basis)	IS 1350 Part 2
13	CHEMICAL- SOLID FUELS	Coal	Gross calorific value (air dried basis, as received basis & dry basis)	ISO 1928
14	CHEMICAL- SOLID FUELS	Coal	Moisture (air dried basis)	ASTM D 3173
15	CHEMICAL- SOLID FUELS	Coal	Moisture (air dried basis)	IS 1350 : Part 1
16	CHEMICAL- SOLID FUELS	Coal	Moisture (air dried basis)	ISO 11722
17	CHEMICAL- SOLID FUELS	Coal	Single stage total moisture (as received basis)	ASTM D 2961
18	CHEMICAL- SOLID FUELS	Coal	Total moisture (as received basis)	ASTM D 3302 M

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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
19	CHEMICAL- SOLID FUELS	Coal	Total moisture (as received basis)	IS 1350 Part 1
20	CHEMICAL- SOLID FUELS	Coal	Total moisture (as received basis)	ISO 589
21	CHEMICAL- SOLID FUELS	Coal	Total sulphur (air dried basis, as received basis & dry basis)	IS 1350 Part 3
22	CHEMICAL- SOLID FUELS	Coal	Total sulphur (air dried basis, as received basis & dry basis)	ISO 334
23	CHEMICAL- SOLID FUELS	Coal	Volatile matter(air dried basis, as received basis & dried basis)	ASTM D 3175
24	CHEMICAL- SOLID FUELS	Coal	Volatile matter(air dried basis, as received basis & dried basis)	IS 1350 Part 1
25	CHEMICAL- SOLID FUELS	Coal	Volatile matter(air dried basis, as received basis & dried basis)	ISO 562
26	CHEMICAL- SOLID FUELS	Coke	Ash (Air dried basis, Dry basis & As Received Basis)	ASTM D3174
27	CHEMICAL- SOLID FUELS	Coke	Ash (Air dried basis, Dry basis & As Received Basis)	IS 1350(PART 1)
28	CHEMICAL- SOLID FUELS	Coke	Ash (Air dried basis, Dry basis & As Received Basis)	ISO 1171
29	CHEMICAL- SOLID FUELS	Coke	Fixed carbon (air dried basis, as received basis & dry basis)	ASTM D3172
30	CHEMICAL- SOLID FUELS	Coke	Fixed carbon (air dried basis, as received basis & dry basis)	IS 1350(Part I)
31	CHEMICAL- SOLID FUELS	Coke	Fixed carbon (air dried basis, as received basis & dry basis)	ISO 17246
32	CHEMICAL- SOLID FUELS	Coke	Gross calorific value (air dried basis, as received basis & dry basis)	ASTM D5865
33	CHEMICAL- SOLID FUELS	Coke	Gross calorific value (air dried basis, as received basis & dry basis)	IS 1350 (PART-II)
34	CHEMICAL- SOLID FUELS	Coke	Gross calorific value (air dried basis, as received basis & dry basis)	ISO 1928
35	CHEMICAL- SOLID FUELS	Coke	Moisture (air dried basis)	ASTM D3173
36	CHEMICAL- SOLID FUELS	Coke	Moisture (air dried basis)	IS 1350 (PART-1)
37	CHEMICAL- SOLID FUELS	Coke	Moisture (air dried basis)	ISO 11722

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38	CHEMICAL- SOLID FUELS	Coke	Total moisture (as received basis)	IS 1350:Part 1
39	CHEMICAL- SOLID FUELS	Coke	Total moisture (as received basis)	ISO 579
40	CHEMICAL- SOLID FUELS	Coke	Total sulphur (air dried basis, as received basis & dry basis)	IS 1350 (PART-III)
41	CHEMICAL- SOLID FUELS	Coke	Total sulphur (air dried basis, as received basis & dry basis)	ISO:334
42	CHEMICAL- SOLID FUELS	Coke	Volatile matter(air dried basis, as received basis & dry basis)	ASTM D 3175
43	CHEMICAL- SOLID FUELS	Coke	Volatile matter(air dried basis, as received basis & dry basis)	IS 1350:Part 1
44	CHEMICAL- SOLID FUELS	Coke	Volatile matter(air dried basis, as received basis & dry basis)	ISO 562
45	CHEMICAL- SOLID FUELS	Pet coke	Total moisture (As Received Basis)	ASTM D 4931