National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SGS INDIA PRIVATE LIMITED, PLOT NO,160 & 95, MOUZA NO.169, KHATA NO.12, AT TILAKRAIDIH, PO GOVINDPUR, DHANBAD, JHARKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 04/05/2022 to 03/05/2024 **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- SOLID FUELS	Coal	Ash(ADB, DB, ARB,Equalibrated Basis)	ASTM D3174
2	CHEMICAL- SOLID FUELS	Coal	Ash(ADB, DB, ARB,Equalibrated Basis)	IS 1350 (Part-I)
3	CHEMICAL- SOLID FUELS	Coal	Ash(ADB, DB, ARB,Equalibrated Basis)	ISO1171
4	CHEMICAL- SOLID FUELS	Coal	Caking Index(CI)	IS 1353
5	CHEMICAL- SOLID FUELS	Coal	Caking Index(CI)	IS 1353
6	CHEMICAL- SOLID FUELS	Coal	Carbon (ADB,DB,ARB)	ASTM D5373
7	CHEMICAL- SOLID FUELS	Coal	Carbon (ADB,DB,ARB)	ISO 29541
8	CHEMICAL- SOLID FUELS	Coal	Crucible Swelling Number (CSN)	ISO 501
9	CHEMICAL- SOLID FUELS	Coal	Crucible Swelling Number(CSN)	IS 1353(P-1)
10	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon(ADB,DB,ARB, Equilibrated Basis	IS 1350 (Part-I)
11	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon(ADB,DB,ARB, Equilibrated Basis	ISO 17246
12	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon(FC) (ADB,DB,ARB, Equilibrated Basis)	ASTM D3172
13	CHEMICAL- SOLID FUELS	Coal	Float & sink Test	ISO 7936
14	CHEMICAL- SOLID FUELS	Coal	Gray King Coke test (LTGK)	ISO 502
15	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value(GCV) (ADB,DB,ARB, Equilibrated Basis)	ASTM D 5865
16	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value(GCV) (ADB,DB,ARB, Equilibrated Basis)	IS 1350 (Part-2)
17	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value(GCV) (ADB,DB,ARB, Equilibrated Basis)	ISO 1928
18	CHEMICAL- SOLID FUELS	Coal	Hardgrove grindability Index (HGI)	ASTM D409/D409M
19	CHEMICAL- SOLID FUELS	COAL	Hardgrove grindability Index (HGI)	ISO 5074
20	CHEMICAL- SOLID FUELS	Coal	Hydrogen (ADB,DB,ARB)	ASTM D5373

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21	CHEMICAL- SOLID FUELS	Coal	Hydrogen (ADB,DB,ARB)	ISO 29541
22	CHEMICAL- SOLID FUELS	Coal	Low Temp. Gray King(LTGK)	IS 1353(P-2)
23	CHEMICAL- SOLID FUELS	Coal	Moisture (IM) (ADB)	ASTM D 3173
24	CHEMICAL- SOLID FUELS	Coal	Moisture (IM) (ADB)	IS 1350 P-1
25	CHEMICAL- SOLID FUELS	Coal	Moisture (IM) (ADB)	ISO 11722
26	CHEMICAL- SOLID FUELS	Coal	Moisture in Equilibrated Sample (60% RH & 400 C)	IS 1350 (Part-I)
27	CHEMICAL- SOLID FUELS	Coal	Net Calorific Value (ADB,DB,ARB)	IS 1350 Part 2
28	CHEMICAL- SOLID FUELS	Coal	Net Calorific value (ADB,DB,ARB)	ISO 1928
29	CHEMICAL- SOLID FUELS	Coal	Net Calorific Value(ADB,DB,ARB)	ASTM D5865
30	CHEMICAL- SOLID FUELS	Coal	Nitrogen (ADB,DB,ARB)	ASTM D5373
31	CHEMICAL- SOLID FUELS	Coal	Nitrogen (ADB,DB,ARB)	ISO 29541
32	CHEMICAL- SOLID FUELS	Coal	Oxygen (ADB,DB,ARB)	ASTM D 3176
33	CHEMICAL- SOLID FUELS	Coal	Oxygen (ADB,DB,ARB)	ISO 17247
34	CHEMICAL- SOLID FUELS	Coal	Phosphorus	BS 1016 (Part-9)
35	CHEMICAL- SOLID FUELS	Coal	Phosphorus	ISO 622
36	CHEMICAL- SOLID FUELS	Coal	Size Analysis	IS 437
37	CHEMICAL- SOLID FUELS	Coal	Sulfur (ADB,DB,ARB)	ASTM D4239
38	CHEMICAL- SOLID FUELS	Coal	Sulfur (ADB,DB,ARB)	ISO 19579
39	CHEMICAL- SOLID FUELS	Coal	Total Moisture% (TM) (ARB)	ASTM D3302
40	CHEMICAL- SOLID FUELS	Coal	Total Moisture% (TM) (ARB)	IS 1350 (Part-I)
41	CHEMICAL- SOLID FUELS	Coal	Total Moisture% (TM) (ARB)	ISO 589
42	CHEMICAL- SOLID FUELS	Coal	Volatile Matter(VM) (ADB,DB ,ARB, Equilibrated Basis)	ASTM D 3175
43	CHEMICAL- SOLID FUELS	Coal	Volatile Matter(VM) (ADB,DB ,ARB, Equilibrated Basis)	IS 1350 P-1
44	CHEMICAL- SOLID FUELS	Coal	Volatile Matter(VM) (ADB,DB ,ARB, Equilibrated Basis)	ISO 562
45	CHEMICAL- SOLID FUELS	Coke	Ash (ADB,DB,ARB)	ASTM D3174
46	CHEMICAL- SOLID FUELS	Coke	Ash (ADB,DB,ARB)	IS 1350 (Part-I)

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47	CHEMICAL- SOLID FUELS	Coke	Ash (ADB,DB,ARB)	ISO1171
48	CHEMICAL- SOLID FUELS	Coke	Carbon (ADB,DB,ARB)	ASTM D5373
49	CHEMICAL- SOLID FUELS	Coke	Carbon (ADB,DB,ARB)	ISO 29541
50	CHEMICAL- SOLID FUELS	Coke	Coke Reactivity Index (CRI)	ASTM D 5341
51	CHEMICAL- SOLID FUELS	Coke	Coke Reactivity Index (CRI)	ISO 18894
52	CHEMICAL- SOLID FUELS	Coke	Coke Strength after reaction with CO2(CSR	ISO 18894
53	CHEMICAL- SOLID FUELS	COKE	Coke Strength after reaction with CO2(CSR)	ASTM D 5341
54	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon (FC) (ADB,DB,ARB)	ASTM D 3172
55	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon (FC) (ADB,DB,ARB)	IS 1350 (Part-I)
56	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon (FC) (ADB,DB,ARB)	ISO 17246
57	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value(GCV) (ADB,DB,ARB)	1350 (Part-2)
58	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value(GCV) (ADB,DB,ARB)	ASTM D 5865
59	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value(GCV) (ADB,DB,ARB)	ISO 1928
60	CHEMICAL- SOLID FUELS	Coke	Hydrogen (ADB,DB,ARB)	ASTM D5373
61	CHEMICAL- SOLID FUELS	Coke	Hydrogen (ADB,DB,ARB)	ISO 29541
62	CHEMICAL- SOLID FUELS	Coke	MICUM INDEX as M 20	ISO 556
63	CHEMICAL- SOLID FUELS	Coke	Micum Index as M10	IS 1354
64	CHEMICAL- SOLID FUELS	Coke	MICUM INDEX as M10	ISO 556
65	CHEMICAL- SOLID FUELS	Coke	Micum Index as M40	IS 1354
66	CHEMICAL- SOLID FUELS	Coke	MICUM INDEX as M40	ISO 556
67	CHEMICAL- SOLID FUELS	Coke	Moisture (IM)(ADB)	ASTM D 3173
68	CHEMICAL- SOLID FUELS	Coke	Moisture (IM)(ADB)	IS 1350 (Part-I)
69	CHEMICAL- SOLID FUELS	Coke	Moisture (IM)(ADB)	ISO 11722
70	CHEMICAL- SOLID FUELS	Coke	Net Calorific Value (ADB,DB,ARB)	ASTM D 5865

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71	CHEMICAL- SOLID FUELS	Coke	Net Calorific Value (ADB,DB,ARB)	ISO 1928
72	CHEMICAL- SOLID FUELS	Coke	Nitrogen (ADB,DB,ARB)	ASTM D5373
73	CHEMICAL- SOLID FUELS	Coke	Nitrogen (ADB,DB,ARB)	ISO 29541
74	CHEMICAL- SOLID FUELS	Coke	Oxygen (ADB,DB,ARB)	ASTM D 3176
75	CHEMICAL- SOLID FUELS	Coke	Oxygen (ADB,DB,ARB)	ISO 17247
76	CHEMICAL- SOLID FUELS	Coke	Phosphorus	BS 1016 (Part-9)
77	CHEMICAL- SOLID FUELS	Coke	Phosphorus	ISO 622
78	CHEMICAL- SOLID FUELS	Coke	Size Analysis	IS 437
79	CHEMICAL- SOLID FUELS	Coke	Size Analysis	IS 437
80	CHEMICAL- SOLID FUELS	Coke	Sulfur (ADB,DB,ARB)	ASTM D4239
81	CHEMICAL- SOLID FUELS	Coke	Sulfur (ADB,DB,ARB)	ISO 19579
82	CHEMICAL- SOLID FUELS	Coke	Total Moisture (TM),ARB	ISO 579
83	CHEMICAL- SOLID FUELS	Coke	Total Moisture (TM) (ARB)	IS 1350 P-1
84	CHEMICAL- SOLID FUELS	Coke	Volatile Matter (VM) (ADB,DB,ARB)	ASTM D 3175
85	CHEMICAL- SOLID FUELS	Coke	Volatile Matter (VM) (ADB,DB,ARB)	IS 1350 (Part-I)
86	CHEMICAL- SOLID FUELS	Coke	Volatile Matter (VM) (ADB,DB,ARB)	ISO 562