National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SGS INDIA PVT. LTD., PLOT NO. 64, G.I.D.C., MAIN ROAD, DHARAMPUR, PORBANDAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC- 6136 **Page No** 1 of 10

Validity 31/05/2022 to 30/05/2024 **Last Amended on** 02/09/2022

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- BUILDING MATERIAL	Bentonite	Apparent Viscosity	API 13A
2	CHEMICAL- BUILDING MATERIAL	Bentonite	Alumina as Al2O3	IS 12621
3	CHEMICAL- BUILDING MATERIAL	Bentonite	Alumina as Al2O3	SGS/PBR/IHM-02/ver.1.0/03.06.17
4	CHEMICAL- BUILDING MATERIAL	Bentonite	Apparent Viscosity	IS 6186
5	CHEMICAL- BUILDING MATERIAL	Bentonite	Apparent Viscosity	ISO 13500
6	CHEMICAL- BUILDING MATERIAL	Bentonite	Calcium as CaO	IS 12621
7	CHEMICAL- BUILDING MATERIAL	Bentonite	Filter Volume/Filtrate Loss	API 13A
8	CHEMICAL- BUILDING MATERIAL	Bentonite	Filter Volume/Filtrate Loss	IS 6186
9	CHEMICAL- BUILDING MATERIAL	Bentonite	Filter Volume/Filtrate Loss	ISO 13500
10	CHEMICAL- BUILDING MATERIAL	Bentonite	Fineness at 75 Microns (Dry)	IS 6186
11	CHEMICAL- BUILDING MATERIAL	Bentonite	Free Swelling Value/ Swelling Power	IS 12621
12	CHEMICAL- BUILDING MATERIAL	Bentonite	Free Swelling Value/ Swelling Power	IS 6186
13	CHEMICAL- BUILDING MATERIAL	Bentonite	Free Swelling Value/Swelling index in water	ASTM D5890
14	CHEMICAL- BUILDING MATERIAL	Bentonite	Free Swelling Value/Swelling index in water	IS 12446
15	CHEMICAL- BUILDING MATERIAL	Bentonite	Iron as Fe2O3	IS 12621
16	CHEMICAL- BUILDING MATERIAL	Bentonite	Loss on Ignition	IS 12621
17	CHEMICAL- BUILDING MATERIAL	Bentonite	Magnesium as MgO	IS 12621
18	CHEMICAL- BUILDING MATERIAL	Bentonite	Manganese as Mn	IS 6186

SCOPE OF ACCREDITATION

Laboratory Name : SGS INDIA PVT. LTD., PLOT NO. 64, G.I.D.C., MAIN ROAD, DHARAMPUR, PORBANDAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC- 6136 **Page No** 2 of 10

Validity 31/05/2022 to 30/05/2024 **Last Amended on** 02/09/2022

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
19	CHEMICAL- BUILDING MATERIAL	Bentonite	Methylene Blue Capacity	IS 12446
20	CHEMICAL- BUILDING MATERIAL	Bentonite	Methylene Blue Capacity	ISO 10416
21	CHEMICAL- BUILDING MATERIAL	Bentonite	Moisture	IS 12446
22	CHEMICAL- BUILDING MATERIAL	Bentonite	Moisture	IS 12621
23	CHEMICAL- BUILDING MATERIAL	Bentonite	Moisture	IS 6186
24	CHEMICAL- BUILDING MATERIAL	Bentonite	pH	IS 12446
25	CHEMICAL- BUILDING MATERIAL	Bentonite	pH	IS 6186
26	CHEMICAL- BUILDING MATERIAL	Bentonite	Phosphorous as P	SGS/PBR/IHM-06/ver.1.0/07.04.18
27	CHEMICAL- BUILDING MATERIAL	Bentonite	Plastic Viscosity	API 13A
28	CHEMICAL- BUILDING MATERIAL	Bentonite	Plastic Viscosity	IS 6186
29	CHEMICAL- BUILDING MATERIAL	Bentonite	Plastic Viscosity	ISO 13500
30	CHEMICAL- BUILDING MATERIAL	Bentonite	plate water absorption (PWA)	SGS/PBR/IHM-013/Ver. 1.0 /06.04.20
31	CHEMICAL- BUILDING MATERIAL	Bentonite	Potassium as K2O	IS 9497
32	CHEMICAL- BUILDING MATERIAL	Bentonite	Residue Diameter Grater than 75 Microns (Wet)	API 13A
33	CHEMICAL- BUILDING MATERIAL	Bentonite	Sand Content	IS 6186
34	CHEMICAL- BUILDING MATERIAL	Bentonite	Silica as SiO2	IS 12621
35	CHEMICAL- BUILDING MATERIAL	Bentonite	Sodium as Na2O	IS 9497
36	CHEMICAL- BUILDING MATERIAL	Bentonite	Titanium as TiO2	IS 12621
37	CHEMICAL- BUILDING MATERIAL	Bentonite	Viscometer Dial Reading at 300 rpm	API 13A

SCOPE OF ACCREDITATION

Laboratory Name : SGS INDIA PVT. LTD., PLOT NO. 64, G.I.D.C., MAIN ROAD, DHARAMPUR, PORBANDAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC- 6136 **Page No** 3 of 10

Validity 31/05/2022 to 30/05/2024 **Last Amended on** 02/09/2022

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
38	CHEMICAL- BUILDING MATERIAL	Bentonite	Viscometer Dial Reading at 300 rpm	IS 6186
39	CHEMICAL- BUILDING MATERIAL	Bentonite	Viscometer Dial Reading at 300 rpm	ISO 13500
40	CHEMICAL- BUILDING MATERIAL	Bentonite	Viscometer Dial Reading at 600 rpm	API 13A
41	CHEMICAL- BUILDING MATERIAL	Bentonite	Viscometer Dial Reading at 600 rpm	IS 6186
42	CHEMICAL- BUILDING MATERIAL	Bentonite	Viscometer Dial Reading at 600 rpm	ISO 13500
43	CHEMICAL- BUILDING MATERIAL	Bentonite	Yield Point	API 13a
44	CHEMICAL- BUILDING MATERIAL	Bentonite	Yield Point	ISO 13500
45	CHEMICAL- BUILDING MATERIAL	Bentonite	Yield Point-Plastic Viscosity Ratio	API 13A
46	CHEMICAL- BUILDING MATERIAL	Bentonite	Yield Point-Plastic Viscosity Ratio	ISO 13500
47	CHEMICAL- BUILDING MATERIAL	Cement/Clinker/Slag	Alumina as Al2O3	IS 4032
48	CHEMICAL- BUILDING MATERIAL	Cement/Clinker/Slag	Calcium as CaO	IS 4032
49	CHEMICAL- BUILDING MATERIAL	Cement/Clinker/Slag	Chloride as Cl	SGS-PBR-IHM-11/Ver.1.0/19.02.19
50	CHEMICAL- BUILDING MATERIAL	Cement/Clinker/Slag	Free Lime as CaO	IS 4032
51	CHEMICAL- BUILDING MATERIAL	Cement/Clinker/Slag	Insoluble Residue	IS 4032
52	CHEMICAL- BUILDING MATERIAL	Cement/Clinker/Slag	Iron as Fe2O3	IS 4032
53	CHEMICAL- BUILDING MATERIAL	Cement/Clinker/Slag	Loss on Ignition	IS 4032
54	CHEMICAL- BUILDING MATERIAL	Cement/Clinker/Slag	Magnesium as MgO	IS 4032
55	CHEMICAL- BUILDING MATERIAL	Cement/Clinker/Slag	Manganese as Mn	SGS/PBR/IHM-05 /ver.1.0/13.03.18
56	CHEMICAL- BUILDING MATERIAL	Cement/Clinker/Slag	Phosphorous as P	SGS/PBR/IHM-06/ver.1.0/ 07.04.18

SCOPE OF ACCREDITATION

Laboratory Name : SGS INDIA PVT. LTD., PLOT NO. 64, G.I.D.C., MAIN ROAD, DHARAMPUR, PORBANDAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC- 6136 **Page No** 4 of 10

Validity 31/05/2022 to 30/05/2024 **Last Amended on** 02/09/2022

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
57	CHEMICAL- BUILDING MATERIAL	Cement/Clinker/Slag	Potassium as K2O	IS 4032
58	CHEMICAL- BUILDING MATERIAL	Cement/Clinker/Slag	Silica as SiO2	IS 4032
59	CHEMICAL- BUILDING MATERIAL	Cement/Clinker/Slag	Sodium as Na2O	IS 4032
60	CHEMICAL- BUILDING MATERIAL	Cement/Clinker/Slag	Sulphur as SO3	IS 4032
61	CHEMICAL- BUILDING MATERIAL	China Clay/Kaolin	Alumina as Al2O3	IS 2840
62	CHEMICAL- BUILDING MATERIAL	China Clay/Kaolin	Calcium as CaO	SGS/PBR/IHM-03/ver.1.0/03.06.17
63	CHEMICAL- BUILDING MATERIAL	China Clay/Kaolin	Iron as Fe2O3	IS 2840
64	CHEMICAL- BUILDING MATERIAL	China Clay/Kaolin	Loss on Ignition	IS 2840
65	CHEMICAL- BUILDING MATERIAL	China Clay/Kaolin	Magnesium as MgO	SGS/PBR/IHM-03/ver.1.0/03.06.17
66	CHEMICAL- BUILDING MATERIAL	China Clay/Kaolin	Potassium as K2O	IS 9497
67	CHEMICAL- BUILDING MATERIAL	China Clay/Kaolin	Silica as SiO2	SGS/PBR/IHM-12/ver.1.0/19.02.2019
68	CHEMICAL- BUILDING MATERIAL	China Clay/Kaolin	Sodium as Na2O	IS 9497
69	CHEMICAL- BUILDING MATERIAL	China Clay/Kaolin	Titanium as TiO2	IS 2840
70	CHEMICAL- BUILDING MATERIAL	Gupsum	Alumina as Al2O3	SGS/PBR/IHM-14/ Ver.1.0 /03.12.20
71	CHEMICAL- BUILDING MATERIAL	Gupsum	Free water/moisture	IS 1288RA 2021
72	CHEMICAL- BUILDING MATERIAL	Gypsum	Calcium oxide (CaO)	IS 1288
73	CHEMICAL- BUILDING MATERIAL	Gypsum	Calcium sulphate dihydrate (CaSO4.2H20)	IS 1288
74	CHEMICAL- BUILDING MATERIAL	Gypsum	Combined water	IS 1288
75	CHEMICAL- BUILDING MATERIAL	Gypsum	Iron & Aluminum oxides as(Al2O3%+Fe2O3%)	SGS/PBR/IHM-15/ Ver.1.0 /03.12.20

SCOPE OF ACCREDITATION

Laboratory Name : SGS INDIA PVT. LTD., PLOT NO. 64, G.I.D.C., MAIN ROAD, DHARAMPUR, PORBANDAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC- 6136 **Page No** 5 of 10

Validity 31/05/2022 to 30/05/2024 **Last Amended on** 02/09/2022

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
76	CHEMICAL- BUILDING MATERIAL	Gypsum	Iron as Fe2O3	SGS/PBR/IHM-15/ Ver.1.0 /03.12.20
77	CHEMICAL- BUILDING MATERIAL	Gypsum	Magnesium oxide (MgO)	IS 1288
78	CHEMICAL- BUILDING MATERIAL	Gypsum	Silica and acid insoluble	IS 1288RA 2021
79	CHEMICAL- BUILDING MATERIAL	Gypsum	Sulphur trioxide (SO3)	IS 1288
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food additives Salt (Edible Salt)	Calcium as Ca	IS 253
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food additives Salt (Edible Salt)	Magnesium as Mg	IS 253
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food additives Salt (Edible Salt)	Matter Insoluble in water	IS 253
83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food additives Salt (Edible Salt)	Moisture Content	IS 253
84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food additives Salt (Edible Salt)	Sodium Chloride as NaCl	IS 253
85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food additives Salt (Edible Salt)	sulphate as SO4	IS 253
86	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Industrial/Inorganic Chemical Salt	Calcium as Ca	IS 797
87	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Industrial/Inorganic Chemical Salt	Magnesium as Mg	IS 797
88	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Industrial/Inorganic Chemical Salt	Matter Insoluble in Water	IS 797
89	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Industrial/Inorganic Chemical Salt	Moisture Content	IS 797
90	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Industrial/Inorganic Chemical Salt	Sodium Chloride as NaCl	IS 797
91	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Industrial/Inorganic Chemical Salt	Sulphate as SO4	IS 797
92	CHEMICAL- ORES & MINERALS	Bauxite	Alumina as Al2O3	IS 2000 (Part 3)

SCOPE OF ACCREDITATION

Laboratory Name : SGS INDIA PVT. LTD., PLOT NO. 64, G.I.D.C., MAIN ROAD, DHARAMPUR, PORBANDAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC- 6136 **Page No** 6 of 10

Validity 31/05/2022 to 30/05/2024 **Last Amended on** 02/09/2022

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
93	CHEMICAL- ORES & MINERALS	Bauxite	Alumina as Al2O3	SGS/PBR/IHM/02/ver.1.0/03.06.2017
94	CHEMICAL- ORES & MINERALS	Bauxite	Calcium as CaO	SGS/PBR/IHM-03/ver.1.0/03.06.17
95	CHEMICAL- ORES & MINERALS	Bauxite	Iron as Fe2O3	IS 2000 (Part 4)
96	CHEMICAL- ORES & MINERALS	Bauxite	Iron as Fe2O3	SGS/PBR/IHM-09/ver.1.0/07.01.19
97	CHEMICAL- ORES & MINERALS	Bauxite	Loss on Ignition	IS 2000 (Part 1)
98	CHEMICAL- ORES & MINERALS	Bauxite	Magnesium as MgO	SGS/PBR/IHM-03/ver.1.0/03.06.17
99	CHEMICAL- ORES & MINERALS	Bauxite	Manganese as Mn	SGS/PBR/IHM-05/ver.1.0/13.03.18
100	CHEMICAL- ORES & MINERALS	Bauxite	Phosphorous as P	SGS/PBR/IHM-06/ver.1.0/07.04.18
101	CHEMICAL- ORES & MINERALS	Bauxite	Potassium as K2O	IS 9497
102	CHEMICAL- ORES & MINERALS	Bauxite	Silica as SiO2	IS 2000 (Part 2)
103	CHEMICAL- ORES & MINERALS	Bauxite	Sodium as Na2O	IS 9497
104	CHEMICAL- ORES & MINERALS	Bauxite	Titanium as TiO2	IS 2000 (Part 5)
105	CHEMICAL- ORES & MINERALS	Feldspar	Alumina as Al2O3	IS 9749
106	CHEMICAL- ORES & MINERALS	Feldspar	Calcium as CaO	IS 9749
107	CHEMICAL- ORES & MINERALS	Feldspar	Iron as Fe2O3	IS 9749
108	CHEMICAL- ORES & MINERALS	Feldspar	Loss on Ignition	IS 9749
109	CHEMICAL- ORES & MINERALS	Feldspar	Magnesium as MgO	IS 9749
110	CHEMICAL- ORES & MINERALS	Feldspar	Potassium as K2O	IS 9749
111	CHEMICAL- ORES & MINERALS	Feldspar	Silica as SiO2	IS 9749

SCOPE OF ACCREDITATION

Laboratory Name : SGS INDIA PVT. LTD., PLOT NO. 64, G.I.D.C., MAIN ROAD, DHARAMPUR, PORBANDAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC- 6136 **Page No** 7 of 10

Validity 31/05/2022 to 30/05/2024 **Last Amended on** 02/09/2022

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
112	CHEMICAL- ORES & MINERALS	Feldspar	Sodium as Na2O	IS 9749
113	CHEMICAL- ORES & MINERALS	Iron Ore	Alumina as Al2O3	SGS/PBR/IHM-10/ver.1.0/30.01.19
114	CHEMICAL- ORES & MINERALS	Iron ore	Calcium as CaO	SGS/PBR/IHM-03/ ver.1.0/03.06.17
115	CHEMICAL- ORES & MINERALS	Iron Ore	Loss on Ignition	ISO 11536
116	CHEMICAL- ORES & MINERALS	Iron ore	Magnesium as MgO	SGS/PBR/IHM-03/ ver.1.0/03.06.17
117	CHEMICAL- ORES & MINERALS	Iron Ore	Manganese as Mn	SGS/PBR/IHM-05/ver.1.0/13.03.18
118	CHEMICAL- ORES & MINERALS	Iron Ore	Moisture	IS 1493 (Part 1)
119	CHEMICAL- ORES & MINERALS	Iron Ore	Phosphorous as P	SGS/PBR/IHM-06/ver.1.0/07.04.18
120	CHEMICAL- ORES & MINERALS	Iron Ore	Silica as SiO2	IS 1493 (Part 1)
121	CHEMICAL- ORES & MINERALS	Iron ore	Total Iron as Fe	IS 1493
122	CHEMICAL- ORES & MINERALS	Iron Ore	Total Iron as Fe	SGS/PBR/IHM-09/ver.1.0/07.01.2019
123	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Alumina as Al2O3	IS 1760 (Part 3)
124	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Calcium as CaO	IS 1760 (Part 3)
125	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Iron as Fe2O3	IS 1760 (Part 3)
126	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Loss on Ignation	IS 1760 (Part 1)
127	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Magnesium as MgO	IS 1760 (Part 3)
128	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Silica as SiO2	IS 1760 (Part 2)
129	CHEMICAL- ORES & MINERALS	Quartzite & High silica sand	Alumina as Al2O3	SGS/PBR/IHM-14/ Ver.1.0 /03.12.20
130	CHEMICAL- ORES & MINERALS	Quartzite & High silica sand	Iron as Fe2O3	SGS/PBR/IHM-15/ Ver.1.0 /03.12.20

SCOPE OF ACCREDITATION

Laboratory Name : SGS INDIA PVT. LTD., PLOT NO. 64, G.I.D.C., MAIN ROAD, DHARAMPUR, PORBANDAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC- 6136 **Page No** 8 of 10

Validity 31/05/2022 to 30/05/2024 **Last Amended on** 02/09/2022

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
131	CHEMICAL- ORES & MINERALS	Quartzite & High silica sand	Loss on ignition	IS 1917 (Part-1)
132	CHEMICAL- ORES & MINERALS	Quartzite & High silica sand	Major silica as SiO2	IS 1917 (Part-3)
133	CHEMICAL- ORES & MINERALS	Quartzite & High silica sand	Potassium as K2O	IS 1917 (Part-2)
134	CHEMICAL- ORES & MINERALS	Quartzite & High silica sand	Sodium as Na2O	IS 1917 (Part-2)
135	CHEMICAL- SOLID FUELS	Coal	Ash	IS 1350 (Part 1)
136	CHEMICAL- SOLID FUELS	Coal	Ash	ASTM D3174
137	CHEMICAL- SOLID FUELS	Coal	Ash	ISO 1171
138	CHEMICAL- SOLID FUELS	Coal	Carbon as C	ISO 29541
139	CHEMICAL- SOLID FUELS	Coal	Carbon as C	ASTM D5373
140	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	ASTM D3172
141	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	ISO 17246
142	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	IS 1350 (Part 1)
143	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	ASTM D5865
144	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	IS 1350 (Part 2)
145	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	ISO 1928
146	CHEMICAL- SOLID FUELS	Coal	Hardgrove Grindability index (HGI)	ASTM D409
147	CHEMICAL- SOLID FUELS	Coal	Hardgrove Grindability index (HGI)	ISO 5074
148	CHEMICAL- SOLID FUELS	Coal	Hydrogen as H	ASTM D5373
149	CHEMICAL- SOLID FUELS	Coal	Hydrogen as H	ISO 29541
150	CHEMICAL- SOLID FUELS	Coal	Moisture in Analysis Sample	ASTM D3173
151	CHEMICAL- SOLID FUELS	Coal	Moisture in Analysis Sample	IS 1350 (Part 1)
152	CHEMICAL- SOLID FUELS	Coal	Moisture in Analysis Sample	ISO 11722
153	CHEMICAL- SOLID FUELS	Coal	Net Calorific Value	ASTM D5865
154	CHEMICAL- SOLID FUELS	Coal	Net Calorific Value	ISO 1928
155	CHEMICAL- SOLID FUELS	Coal	Nitrogen as N	ASTM D5373
156	CHEMICAL- SOLID FUELS	Coal	Nitrogen as N	ISO 29541
157	CHEMICAL- SOLID FUELS	Coal	Oxygen as O	ISO 17247

SCOPE OF ACCREDITATION

Laboratory Name : SGS INDIA PVT. LTD., PLOT NO. 64, G.I.D.C., MAIN ROAD, DHARAMPUR, PORBANDAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC- 6136 **Page No** 9 of 10

Validity 31/05/2022 to 30/05/2024 **Last Amended on** 02/09/2022

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
158	CHEMICAL- SOLID FUELS	Coal	Oxygen as O	ASTM D3176
159	CHEMICAL- SOLID FUELS	Coal	Phosphorous as P	ISO 622
160	CHEMICAL- SOLID FUELS	Coal	Total Moisture	ISO 589
161	CHEMICAL- SOLID FUELS	Coal	Total Moisture	ASTM D3302
162	CHEMICAL- SOLID FUELS	Coal	Total Moisture	IS 1350 (Part 1)
163	CHEMICAL- SOLID FUELS	Coal	Total Sulfur	IS 1350 (Part 3)
164	CHEMICAL- SOLID FUELS	Coal	Total Sulfur	ASTM D4239
165	CHEMICAL- SOLID FUELS	Coal	Total Sulfur	ISO 19579
166	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	ASTM D3175
167	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS 1350 (Part 1)
168	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	ISO 562
169	CHEMICAL- SOLID FUELS	Coke	Ash	ASTM D3174
170	CHEMICAL- SOLID FUELS	Coke	Ash	IS 1350 (Part 1)
171	CHEMICAL- SOLID FUELS	Coke	Ash	ISO 1171
172	CHEMICAL- SOLID FUELS	Coke	Carbon as C	ASTM D5373
173	CHEMICAL- SOLID FUELS	Coke	Carbon as C	ISO 29541
174	CHEMICAL- SOLID FUELS	Coke	Coke reactivity index	ASTM D5341
175	CHEMICAL- SOLID FUELS	Coke	Coke reactivity index	ISO 18894
176	CHEMICAL- SOLID FUELS	Coke	Coke strength after reaction	ASTM D5341
177	CHEMICAL- SOLID FUELS	Coke	Coke strength after reaction	ISO 18894
178	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon	IS 1350 (Part 1)
179	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon	ASTM D3172
180	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon	ISO 17246
181	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value	IS 1350 (Part 2)
182	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value	ASTM D5865
183	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value	ISO 1928
184	CHEMICAL- SOLID FUELS	Coke	Hydrogen as H	ASTM D5373
185	CHEMICAL- SOLID FUELS	Coke	Hydrogen as H	ISO 29541
186	CHEMICAL- SOLID FUELS	Coke	Moisture in Analysis Sample	ASTM D3173
187	CHEMICAL- SOLID FUELS	Coke	Moisture in Analysis Sample	IS 1350 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : SGS INDIA PVT. LTD., PLOT NO. 64, G.I.D.C., MAIN ROAD, DHARAMPUR, PORBANDAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC- 6136 **Page No** 10 of 10

Validity 31/05/2022 to 30/05/2024 **Last Amended on** 02/09/2022

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
188	CHEMICAL- SOLID FUELS	Coke	Moisture in Analysis Sample	ISO 11722
189	CHEMICAL- SOLID FUELS	Coke	Net Calorific Value	ASTM D5865
190	CHEMICAL- SOLID FUELS	Coke	Net Calorific Value	ISO 1928
191	CHEMICAL- SOLID FUELS	Coke	Nitrogen as N	ASTM D5373
192	CHEMICAL- SOLID FUELS	Coke	Nitrogen as N	ISO 29541
193	CHEMICAL- SOLID FUELS	Coke	Oxygen as O	ASTM D3176
194	CHEMICAL- SOLID FUELS	Coke	Oxygen as O	ISO 17247
195	CHEMICAL- SOLID FUELS	Coke	Phosphorous as P	ISO 622
196	CHEMICAL- SOLID FUELS	Coke	Total Moisture	IS 1350 (Part 1)
197	CHEMICAL- SOLID FUELS	Coke	Total Moisture	ISO 579
198	CHEMICAL- SOLID FUELS	Coke	Total Sulfur	ASTM D4239
199	CHEMICAL- SOLID FUELS	Coke	Total Sulfur	ISO 19579
200	CHEMICAL- SOLID FUELS	Coke	Total Sulfur	IS 1350 (Part 3)
201	CHEMICAL- SOLID FUELS	Coke	Volatile Matter	IS 1350 (Part 1)
202	CHEMICAL- SOLID FUELS	Coke	Volatile Matter	ASTM D3175
203	CHEMICAL- SOLID FUELS	Coke	Volatile Matter	ISO 562
204	CHEMICAL- SOLID FUELS	Petroleum Coke	Carbon as C	ASTM D5373
205	CHEMICAL- SOLID FUELS	Petroleum Coke	Fixed Carbon	ASTM D3172
206	CHEMICAL- SOLID FUELS	Petroleum Coke	Hydrogen as H	ASTM D5373
207	CHEMICAL- SOLID FUELS	Petroleum Coke	Net Calorific Value	ASTM D5865
208	CHEMICAL- SOLID FUELS	Petroleum Coke	Nitrogen as N	ASTM D5373
209	CHEMICAL- SOLID FUELS	Petroleum Coke	Oxygen as O	ASTM D3176
210	CHEMICAL- SOLID FUELS	Petroleum Coke	Volatile Matter	ASTM D6374
211	CHEMICAL- SOLID FUELS	Petroleum Coke	Ash	ASTM D4422
212	CHEMICAL- SOLID FUELS	Petroleum Coke	Gross Calorific Value	ASTM D5865
213	CHEMICAL- SOLID FUELS	Petroleum Coke	Hardgrove Grindability index (HGI)	ASTM D5003
214	CHEMICAL- SOLID FUELS	Petroleum Coke	Total Sulfur	ASTM D1552
215	CHEMICAL- SOLID FUELS	Petroleum Coke	Moisture in Analysis Sample	ASTM D3173
216	CHEMICAL- SOLID FUELS	Petroleum Coke	Total Moisture	ASTM D4931