National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SGS INDIA PRIVATE LIMITED, PLOT NO.-63, AEP AUTO NAGAR, GAJUWAKA VILLAGE, GAJUWAKA MANDAL, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6292 **Page No** 1 of 11

Validity 11/09/2022 to 10/09/2024 **Last Amended on** 27/10/2022

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- BUILDING MATERIAL	Cement	Alumina as Al2O3	4.6 of IS 4032
2	CHEMICAL- BUILDING MATERIAL	Cement	Calcium as CaO	4.7 of IS 4032
3	CHEMICAL- BUILDING MATERIAL	Cement	Insoluble Residue as IR	4.10 of IS 4032
4	CHEMICAL- BUILDING MATERIAL	Cement	Iron as Fe2O3	4.5 of IS 4032
5	CHEMICAL- BUILDING MATERIAL	Cement	Loss on Ignition As LOI	4.2 of IS 4032
6	CHEMICAL- BUILDING MATERIAL	Cement	Magnesium as MgO	4.8 of IS 4032
7	CHEMICAL- BUILDING MATERIAL	Cement	Potassium as K2O	4.11 of IS 4032
8	CHEMICAL- BUILDING MATERIAL	Cement	Silica as SiO2	4.3 of IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement	Sodium as Na2O	4.11 of IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement	Sulphur as SO3	4.9 of IS 4032
11	CHEMICAL- FERTILIZERS	Di ammonium Phosphate (DAP)	Ammonical Nitrogen as N	FCO Method (vii), Schedule II, Part B 1985 Amended July
12	CHEMICAL- FERTILIZERS	Di ammonium Phosphate (DAP)	Moisture	FCO Method 2 ,Schedule II,Part B 1985 Amended July
13	CHEMICAL- FERTILIZERS	Di ammonium Phosphate (DAP)	Total Nitrogen as N	FCO Method 2 ,Schedule II,Part B 1985 Amended July
14	CHEMICAL- FERTILIZERS	Di Ammonium Phosphate as DAP	Available Phosphorus as P2O5	FCO Method 4, Schedule II, Part B 1985 Amended July
15	CHEMICAL- FERTILIZERS	Diammonium Phosphate (DAP)	Total Phosphorus as P2O5	FCO Method 4, Schedule II, Part B 1985 Amended July
16	CHEMICAL- FERTILIZERS	Diammonium Phosphate (DAP)	Water Soluble Phosphorus as P2O5	FCO Method 4, Schedule II, Part B 1985 Amended July
17	CHEMICAL- FERTILIZERS	Murat Of Potash (MOP)	Moisture	FCO Method 2, Schedule II, Part B 1985 Amended July
18	CHEMICAL- FERTILIZERS	Murat Of Potash (MOP)	Potassium as K2O	FCO Method 5, Schedule II,Part B 1985 Amended July

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19	CHEMICAL- FERTILIZERS	Murat Of Potash (MOP)	Size analysis +0.25 mm	FCO Method 20, Schedule II, Part B 1985 Amended July
20	CHEMICAL- FERTILIZERS	Urea	Biuret	FCO Method 3 (xii) Schedule II, Part B 1985 Amended July
21	CHEMICAL- FERTILIZERS	Urea	Moisture	FCO Method 2, Schedule II, Part B 1985 Amended July
22	CHEMICAL- FERTILIZERS	Urea	Total Nitrogen as N	FCO Method 3Schedule II, Part B 1985 Amended July
23	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Carbon as C	ASTM E 1019
24	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Manganese as Mn	IS 1559
25	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Manganese as Mn	ISO 4159 (E)
26	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Phosphorus as P	IS 1559
27	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Silicon as Si	IS 1559
28	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Sulphur as S	ASTM E 1019
29	CHEMICAL- METALS & ALLOYS	Ferro Molybdenum	Molybdenum as Mo	IS 12614 (Part-1)
30	CHEMICAL- METALS & ALLOYS	Ferro Silicon	Aluminum as Al	IS 1559 (Part-5)
31	CHEMICAL- METALS & ALLOYS	Ferro Silicon	Carbon as C	ASTM E 1019
32	CHEMICAL- METALS & ALLOYS	Ferro Silicon	Manganese as Mn	IS 1559 (Part-7)
33	CHEMICAL- METALS & ALLOYS	Ferro Silicon	Phosphorus as P	IS 1559 (Part-4)
34	CHEMICAL- METALS & ALLOYS	Ferro Silicon	Silicon as Si	IS 1559 (part-1)
35	CHEMICAL- METALS & ALLOYS	Ferro Silicon	Sulphur as S	ASTM E 1019
36	CHEMICAL- METALS & ALLOYS	Ferro Titanium	Titanium as Ti	ISO 7692 (E)
37	CHEMICAL- METALS & ALLOYS	Ferro Vanadium	Carbon	ASTM E 1019

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38	CHEMICAL- METALS & ALLOYS	Ferro Vanadium	Silicon	IS 1559
39	CHEMICAL- METALS & ALLOYS	Ferro Vanadium	Sulphur	ASTM E 1019
40	CHEMICAL- METALS & ALLOYS	Ferro Vanadium	Vanadium	ISO 6467 (E)
41	CHEMICAL- METALS & ALLOYS	HC Ferro Chrome	Carbon as C	ASTM E 1019
42	CHEMICAL- METALS & ALLOYS	HC Ferro Chrome	Chromium as Cr	IS 13452 (part-5)
43	CHEMICAL- METALS & ALLOYS	HC Ferro Chrome	Phosphorus as P	IS 13452 (Part 7)
44	CHEMICAL- METALS & ALLOYS	HC Ferro Chrome	Silicon as Si	IS 13452 (Part 1)
45	CHEMICAL- METALS & ALLOYS	HC Ferro Chrome	Sulphur as S	ASTM E 1019
46	CHEMICAL- METALS & ALLOYS	LC Ferro Chrome	Carbon as C	ASTM E 1019
47	CHEMICAL- METALS & ALLOYS	LC Ferro Chrome	Chromium as Cr	IS13452 (Part6)
48	CHEMICAL- METALS & ALLOYS	LC Ferro Chrome	Phosphorus as P	IS13452 (Part3)
49	CHEMICAL- METALS & ALLOYS	LC Ferro Chrome	Silicon as Si	IS13452 (Part2)
50	CHEMICAL- METALS & ALLOYS	LC Ferro Chrome	Sulphur as S	ASTM E 1019
51	CHEMICAL- METALS & ALLOYS	Pig Iron/Cast Iron	Carbon as C	ASTM E 1019
52	CHEMICAL- METALS & ALLOYS	Pig Iron/Cast Iron	Chromium as Cr	IS 12308 (Part 8)
53	CHEMICAL- METALS & ALLOYS	Pig Iron/Cast Iron	Manganese as Mn	IS 12308 (Part 3)
54	CHEMICAL- METALS & ALLOYS	Pig Iron/Cast Iron	Phosphorus as P	IS 12308 (Part 5)
55	CHEMICAL- METALS & ALLOYS	Pig Iron/Cast Iron	Silicon as Si	IS 12308 (Part 6)
56	CHEMICAL- METALS & ALLOYS	Pig Iron/Cast Iron	Sulphur as S	ASTM E 1019

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57	CHEMICAL- METALS & ALLOYS	Silico Manganese	Carbon as C	ASTM E 1019
58	CHEMICAL- METALS & ALLOYS	Silico Manganese	Manganese as Mn	IS 1559
59	CHEMICAL- METALS & ALLOYS	Silico Manganese	Manganese as Mn	ISO 4159 (E)
60	CHEMICAL- METALS & ALLOYS	Silico Manganese	Phosphorus as P	IS 1559
61	CHEMICAL- METALS & ALLOYS	Silico Manganese	Silicon as Si	IS 1559
62	CHEMICAL- METALS & ALLOYS	Silico Manganese	Silicon as Si	ISO 4158 (E)
63	CHEMICAL- METALS & ALLOYS	Silico Manganese	Sulphur as S	ASTM E 1019
64	CHEMICAL- METALS & ALLOYS	Sponge Iron	Alumina as Al2O3	IS 1493 (Part-1)
65	CHEMICAL- METALS & ALLOYS	Sponge Iron	Carbon as C	ASTM E 1019
66	CHEMICAL- METALS & ALLOYS	Sponge Iron	Metallic Fe as Fe(M)	IS 15774
67	CHEMICAL- METALS & ALLOYS	Sponge Iron	Metallization	IS:15774
68	CHEMICAL- METALS & ALLOYS	Sponge Iron	Phosphorus as P	IS 1493 (Part-1)
69	CHEMICAL- METALS & ALLOYS	Sponge Iron	Silica as SiO2	IS 1493 (Part-1)
70	CHEMICAL- METALS & ALLOYS	Sponge Iron	Sulphur as S	ASTM E 1019
71	CHEMICAL- METALS & ALLOYS	Sponge Iron	Total Iron as Fe(T)	IS 1493 (Part-1)
72	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon as C	ASTM E 1019
73	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium as Cr	IS 228 (Part-6)
74	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese as Mn	IS 228 (Part-12)
75	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel as Ni	IS 228 (Part-5)

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76	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus as P	IS 228 (Par-3)
77	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon as Si	IS 228 (Par-8)
78	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur as S	ASTM E 1019
79	CHEMICAL- ORES & MINERALS	Bauxite	Tri hydrate Alumina (THA)	SGS/IN/VIZ/IHM-01/WI-14/Issue No 1.0/12.06.2017
80	CHEMICAL- ORES & MINERALS	Bauxite Ore	Alumina as Al2O3	IS 2000 (Part 3)
81	CHEMICAL- ORES & MINERALS	Bauxite Ore	Calcium as CaO	SGS-IN-VIZ-IHM-01/WI-15 Issue No 1.0/01.06.2017
82	CHEMICAL- ORES & MINERALS	Bauxite Ore	Iron as Fe2O3	IS 2000 (Part 4)
83	CHEMICAL- ORES & MINERALS	Bauxite Ore	Loss on Ignition(LOI)	IS 2000 (Part 1)
84	CHEMICAL- ORES & MINERALS	Bauxite Ore	Magnesium as MgO	SGS-IN-VIZ-IHM-01/WI-16/Issue No 1.0
85	CHEMICAL- ORES & MINERALS	Bauxite Ore	Mono Hydrate Alumina (MHA)	SGS/IN/VIZ/IHM-01/WI-18/Issue No 1.0/16.08.2017
86	CHEMICAL- ORES & MINERALS	Bauxite Ore	Reactive Silica R-SiO2	IBM Manual (Ver 2012/Page No : 24)
87	CHEMICAL- ORES & MINERALS	Bauxite Ore	Silica as SiO2	IS 2000 (Part 2)
88	CHEMICAL- ORES & MINERALS	Bauxite Ore	Titanium as TiO2	IS 2000 (Part 5)
89	CHEMICAL- ORES & MINERALS	Bauxite Ore	Total Available Alumina (TAA)	SGS/IN/VIZ/IHM-01/WI-18/Issue No 1.0/16.08.2017
90	CHEMICAL- ORES & MINERALS	Bauxite Ore	Total Moisture	SGS-IN-VIZ-IHM-01/WI-17 /
91	CHEMICAL- ORES & MINERALS	BF Slag	Alumina as Al2O3	IS 4032
92	CHEMICAL- ORES & MINERALS	BF Slag	Calcium as CaO	IS 4032
93	CHEMICAL- ORES & MINERALS	BF Slag	Insoluble Residue as IR	IS 4032
94	CHEMICAL- ORES & MINERALS	BF Slag	Iron as Fe2O3	IS 4032

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95	CHEMICAL- ORES & MINERALS	BF Slag	Magnesium as MgO	IS 4032
96	CHEMICAL- ORES & MINERALS	BF Slag	Silica as SiO2	IS 4032
97	CHEMICAL- ORES & MINERALS	BF Slag	Sulphur as SO3	IS 4032
98	CHEMICAL- ORES & MINERALS	Chrome Ore	Alumina as Al2O3	IS 4737
99	CHEMICAL- ORES & MINERALS	Chrome Ore	Calcium as CaO	IS 4737
100	CHEMICAL- ORES & MINERALS	Chrome Ore	Chromium as Cr2O3	IS 4737
101	CHEMICAL- ORES & MINERALS	Chrome Ore	Magnesium as MgO	IS 4737
102	CHEMICAL- ORES & MINERALS	Chrome Ore	Silica as SiO2	IS 4737
103	CHEMICAL- ORES & MINERALS	Chrome Ore	Sulphur as S	ASTM E 1019
104	CHEMICAL- ORES & MINERALS	Chrome Ore	Total Iron as Fe2O3	IS 4737
105	CHEMICAL- ORES & MINERALS	Dolomite	Alumina as Al2O3	SGS/IN/VIZ/ IHM 02 / WI 12/
106	CHEMICAL- ORES & MINERALS	Dolomite	Calcium as CaO	IS 1760 (Part 3)
107	CHEMICAL- ORES & MINERALS	Dolomite	Iron as Fe2O3	SGS/IN/VIZ/ IHM 02 / WI 11/
108	CHEMICAL- ORES & MINERALS	Dolomite	Loss on Ignition	IS 1760 (Part 1)
109	CHEMICAL- ORES & MINERALS	Dolomite	Magnesium as MgO	IS 1760 (Part 3)
110	CHEMICAL- ORES & MINERALS	Dolomite	Silica as SiO2	IS 1760 (Part 2)
111	CHEMICAL- ORES & MINERALS	Gypsum	Calcium as CaO	IS 1288
112	CHEMICAL- ORES & MINERALS	Gypsum	CaSO4.2H2O Content	ASTM C 471M
113	CHEMICAL- ORES & MINERALS	Gypsum	CaSO4.2H2O Content	IS 1288

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114	CHEMICAL- ORES & MINERALS	Gypsum	Combined Water	IS 1288
115	CHEMICAL- ORES & MINERALS	Gypsum	Free water	ASTM C 471M
116	CHEMICAL- ORES & MINERALS	Gypsum	Free water	IS 1288
117	CHEMICAL- ORES & MINERALS	Gypsum	Magnesium as MgO	IS 1288
118	CHEMICAL- ORES & MINERALS	Gypsum	Silica and Acid insoluble's	IS 1288
119	CHEMICAL- ORES & MINERALS	Gypsum	Sulphur as SO3	IS 1288
120	CHEMICAL- ORES & MINERALS	Hydrated Lime	Acid insoluble and SiO2	IS 1514
121	CHEMICAL- ORES & MINERALS	Hydrated Lime	Available Lime as CaO	IS 1514
122	CHEMICAL- ORES & MINERALS	Hydrated Lime	Calcium as CaO	IS 1514
123	CHEMICAL- ORES & MINERALS	Hydrated Lime	Loss on Ignition (LOI)	IS 1514
124	CHEMICAL- ORES & MINERALS	Hydrated Lime	Magnesium as MgO	IS 1514
125	CHEMICAL- ORES & MINERALS	Hydrated Lime	Moisture	IS 1514
126	CHEMICAL- ORES & MINERALS	Ileminate Sand	Moisture	IS : 1493
127	CHEMICAL- ORES & MINERALS	Iron Ore	Alumina as Al2O3	IS 1493 (Part-1)
128	CHEMICAL- ORES & MINERALS	Iron Ore	Calcium as CaO	IS 1493
129	CHEMICAL- ORES & MINERALS	Iron Ore	Ferrous Oxide as FeO	SGS/IN/VIZ/IHM-01/WI-13/
130	CHEMICAL- ORES & MINERALS	Iron Ore	Iron as Fe	IS 1493 (Part-1)
131	CHEMICAL- ORES & MINERALS	Iron Ore	Loss on Ignition (LOI)	SGS/IN/VIZ/IHM-01/WI-07/
132	CHEMICAL- ORES & MINERALS	Iron Ore	Magnesium as MgO	IS 1493

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133	CHEMICAL- ORES & MINERALS	Iron Ore	Manganese as Mn	IS 1493
134	CHEMICAL- ORES & MINERALS	Iron Ore	Moisture	IS 1493 (Part-1)
135	CHEMICAL- ORES & MINERALS	Iron Ore	Phosphorus as P	IS 1493 (Part-1)
136	CHEMICAL- ORES & MINERALS	Iron Ore	Potassium as K2O	IS 9497
137	CHEMICAL- ORES & MINERALS	Iron Ore	Silica as SiO2	IS 1493 (Part-1)
138	CHEMICAL- ORES & MINERALS	Iron Ore	Sodium as Na2O	IS 9497
139	CHEMICAL- ORES & MINERALS	Iron Ore	Sulphur as S	IS 1493
140	CHEMICAL- ORES & MINERALS	Iron Ore	Titanium as TiO2	IS 1493
141	CHEMICAL- ORES & MINERALS	Limestone	Alumina as Al2O3	SGS/IN/VIZ/ IHM 02 / WI 12/
142	CHEMICAL- ORES & MINERALS	Limestone	Calcium as CaO	IS 1760 (Part 3)
143	CHEMICAL- ORES & MINERALS	Limestone	Iron as Fe2O3	SGS/IN/VIZ/ IHM 02 / WI 11
144	CHEMICAL- ORES & MINERALS	Limestone	Loss on Ignition	IS 1760 (Part1)
145	CHEMICAL- ORES & MINERALS	Limestone	Magnesium as MgO	IS 1760 (Part 3)
146	CHEMICAL- ORES & MINERALS	Limestone	Silica as SiO2	IS 1760 (Part 2)
147	CHEMICAL- ORES & MINERALS	Manganese Ore	Alumina as Al2O3	SGS-IN-VIZ-IHM-01/WI-08
148	CHEMICAL- ORES & MINERALS	Manganese Ore	Calcium as CaO	SGS-IN-VIZ-IHM-01/WI-05/
149	CHEMICAL- ORES & MINERALS	Manganese Ore	Iron as Fe	IS 1473
150	CHEMICAL- ORES & MINERALS	Manganese Ore	Magnesium as MgO	SGS-IN-VIZ-IHM-01/WI-06
151	CHEMICAL- ORES & MINERALS	Manganese Ore	Manganese as Mn	IS 1473

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152	CHEMICAL- ORES & MINERALS	Manganese Ore	Manganese Dioxide as MnO2	IS 1473
153	CHEMICAL- ORES & MINERALS	Manganese Ore	Moisture	ISO 4299 (E)
154	CHEMICAL- ORES & MINERALS	Manganese Ore	Phosphorus as P	IS 1473
155	CHEMICAL- ORES & MINERALS	Manganese Ore	Silica as SiO2	IS 1473
156	CHEMICAL- ORES & MINERALS	Manganese Ore	Sulphur as S	IS 1473
157	CHEMICAL- ORES & MINERALS	Potassium Feldspar	Alumina as Al2O3	IS 9749
158	CHEMICAL- ORES & MINERALS	Potassium Feldspar	Combined Oxide (CaO+MgO)	IS 9749
159	CHEMICAL- ORES & MINERALS	Potassium Feldspar	Iron as Fe2O3	IS 9749
160	CHEMICAL- ORES & MINERALS	Potassium Feldspar	Loss On Ignition (LOI)	IS 9749
161	CHEMICAL- ORES & MINERALS	Potassium Feldspar	Potassium as K2O	IS 9749
162	CHEMICAL- ORES & MINERALS	Potassium Feldspar	Silica as SiO2	IS 9749
163	CHEMICAL- ORES & MINERALS	Potassium Feldspar	Sodium as Na2O	IS 9749
164	CHEMICAL- ORES & MINERALS	Quartz	Alumina as Al2O3	SGS/IN/VIZ/ IHM 02 / WI 10/
165	CHEMICAL- ORES & MINERALS	Quartz	Iron as Fe2O3	SGS/IN/VIZ/ IHM 02 / WI 09/
166	CHEMICAL- ORES & MINERALS	Quartz	Loss on Ignition	IS 1917:(Part-1)
167	CHEMICAL- ORES & MINERALS	Quartz	Potassium as K2O	IS 1917 (Part-2)
168	CHEMICAL- ORES & MINERALS	Quartz	Silica as SiO2	IS 1917 (Part-3)
169	CHEMICAL- ORES & MINERALS	Quartz	Sodium as Na2O	IS 1917 (part-2)
170	CHEMICAL- ORES & MINERALS	Quartz	Titanium as TiO2	IS 1917(Part-7)

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171	CHEMICAL- ORES & MINERALS	Rock phosphate	Aluminum oxide as Al2O3	IS 11224
172	CHEMICAL- ORES & MINERALS	Rock phosphate	Calcium as CaO	IS 9386
173	CHEMICAL- ORES & MINERALS	Rock Phosphate	Chloride as Cl	IS 11224
174	CHEMICAL- ORES & MINERALS	Rock phosphate	Chlorides as Cl	AOAC Official Method 928.02
175	CHEMICAL- ORES & MINERALS	Rock Phosphate	Ferric Oxide as Fe2O3	IS 11224
176	CHEMICAL- ORES & MINERALS	Rock phosphate	Loss on Ignition (LOI)	IS 11224
177	CHEMICAL- ORES & MINERALS	Rock phosphate	Magnesium as MgO	IS 11224
178	CHEMICAL- ORES & MINERALS	Rock phosphate	Silica as SiO2	IS 11224
179	CHEMICAL- ORES & MINERALS	Rock phosphate	Total Phosphorus as P205	AOAC Official Method 962.02
180	CHEMICAL- ORES & MINERALS	Rock Phosphate	Total Phosphorus as P2O5	IS 11224
181	CHEMICAL- SOLID FUELS	Coal	Analysis Moisture sample (IM)	IS 1350 (Part 1)
182	CHEMICAL- SOLID FUELS	Coal	Ash content	IS 1350 (Part-1)
183	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon (FC)	IS 1350 (Part-1)
184	CHEMICAL- SOLID FUELS	Coal	Sulphur as S	IS 1350 (Part-3)
185	CHEMICAL- SOLID FUELS	Coal	Total Moisture (TM)	ASTM D 3302/D3302M
186	CHEMICAL- SOLID FUELS	Coal	Total Moisture (TM)	IS 1350 (Part 1)
187	CHEMICAL- SOLID FUELS	Coal	Total Moisture (TM)	ISO 589 (E)
188	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS 1350 (Part 1)
189	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	ISO 562 (E)
190	CHEMICAL- SOLID FUELS	Coal Ash Analysis	Alumina as Al2O3	IS 1355
191	CHEMICAL- SOLID FUELS	Coal Ash Analysis	Calcium as CaO	IS 1355
192	CHEMICAL- SOLID FUELS	Coal Ash Analysis	Iron as Fe2O3	IS 1355
193	CHEMICAL- SOLID FUELS	Coal Ash Analysis	Magnesium as MgO	IS 1355
194	CHEMICAL- SOLID FUELS	Coal Ash Analysis	Manganese as Mn	IS 1355

SCOPE OF ACCREDITATION

Laboratory Name : SGS INDIA PRIVATE LIMITED, PLOT NO.-63, AEP AUTO NAGAR, GAJUWAKA VILLAGE, GAJUWAKA MANDAL, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 11/09/2022 to 10/09/2024 **Last Amended on** 27/10/2022

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
195	CHEMICAL- SOLID FUELS	Coal Ash Analysis	Phosphorus as P2O5	IS 1355
196	CHEMICAL- SOLID FUELS	Coal ash Analysis	Potassium as K2O	IS 1355
197	CHEMICAL- SOLID FUELS	Coal Ash Analysis	Silica as SiO2	IS 1355
198	CHEMICAL- SOLID FUELS	Coal Ash Analysis	Sodium as Na2O	IS 1355
199	CHEMICAL- SOLID FUELS	Coal Ash Analysis	Sulphur as SO3	IS 1355
200	CHEMICAL- SOLID FUELS	Coal Ash Analysis	Titanium as TiO2	IS 1355
201	CHEMICAL- SOLID FUELS	Coke	Analysis Moisture Sample (IM)	IS 1350 (Part 1)
202	CHEMICAL- SOLID FUELS	Coke	Ash content	IS1350 (Part 1)
203	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon (FC)	IS1350 (Part 1)
204	CHEMICAL- SOLID FUELS	Coke	Sulphur as S	IS1350 (Part 3)
205	CHEMICAL- SOLID FUELS	Coke	Total Moisture (TM)	ISO 579:2013(F)
206	CHEMICAL- SOLID FUELS	Coke	Volatile Matter	IS1350 (Part 1)
207	CHEMICAL- SOLID FUELS	Coke Ash Analysis	Alumina as Al2O3	IS 1355
208	CHEMICAL- SOLID FUELS	Coke Ash Analysis	Calcium as CaO	IS 1355
209	CHEMICAL- SOLID FUELS	Coke Ash Analysis	Iron as Fe2O3	IS 1355
210	CHEMICAL- SOLID FUELS	Coke Ash Analysis	Magnesium as MgO	IS 1355
211	CHEMICAL- SOLID FUELS	Coke Ash Analysis	Manganese as Mn	IS 1355
212	CHEMICAL- SOLID FUELS	Coke Ash Analysis	Phosphorus as P2O5	IS 1355
213	CHEMICAL- SOLID FUELS	Coke Ash Analysis	Potassium as K2O	IS 1355
214	CHEMICAL- SOLID FUELS	Coke Ash Analysis	Silica as SiO2	IS 1355
215	CHEMICAL- SOLID FUELS	Coke Ash Analysis	Sodium as Na2O	IS 1355
216	CHEMICAL- SOLID FUELS	Coke Ash Analysis	Sulphur as SO3	IS 1355
217	CHEMICAL- SOLID FUELS	Coke Ash Analysis	Titanium as TiO2	IS 1355