SCOPE OF ACCREDITATION

Laboratory Name :	RCA LABORATORIES, KOLKATA (A DIVISION OF DR. AMIN CONTROLLERS PVT. LTD.), UNIT NO P-27, PHASE1, KASBA INDUSTRIAL ESTATE, ANANDAPUR, KOLKATA, WEST BENGAL, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-6187
Page No	1 of 12
Validity	21/07/2022 to 20/07/2024
Last Amended on	04/08/2022

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- METALS & ALLOYS	Ferro Manganese	Manganese	IS : 1559
2	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Phosphorous	IS : 1559
3	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Silicon	IS : 1559
4	CHEMICAL- METALS & ALLOYS	Ferro Silicon	Aluminium	IS : 1559 (Part - V)
5	CHEMICAL- METALS & ALLOYS	Ferro Silicon	Phosphorous	IS : 1559 (Part -4)
6	CHEMICAL- METALS & ALLOYS	Ferro Silicon	Silicon	IS : 1559 (Part - 1)
7	CHEMICAL- METALS & ALLOYS	High Carbon Ferro Chromium	Chromium	IS : 13452 (Part - 5)
8	CHEMICAL- METALS & ALLOYS	High Carbon Ferro Chromium	Phosphorous	IS : 1559
9	CHEMICAL- METALS & ALLOYS	High Carbon Ferro Chromium	Silicon	IS : 13452 (Part - 1)
10	CHEMICAL- METALS & ALLOYS	Low Carbon Ferro Chromium	Chromium	IS : 13452 (Part - 6)
11	CHEMICAL- METALS & ALLOYS	Low Carbon Ferro Chromium	Phosphorous	IS : 1559
12	CHEMICAL- METALS & ALLOYS	Low Carbon Ferro Chromium	Silicon	IS : 13452 (Part - 2)
13	CHEMICAL- METALS & ALLOYS	Pig Iron / Cast Iron	Chromium	IS : 12308 (Part - 8)
14	CHEMICAL- METALS & ALLOYS	Pig Iron / Cast Iron	Manganese	IS : 12308 (Part - 10)
15	CHEMICAL- METALS & ALLOYS	Pig Iron / Cast Iron	Silicon	IS : 12308 (Part - 6)
16	CHEMICAL- METALS & ALLOYS	Pig Iron /Cast Iron	Nickel	IS : 12308 (Part - 7)
17	CHEMICAL- METALS & ALLOYS	Pig Iron /Cast Iron	Phosphorous	IS : 12308 (Part - 5)
18	CHEMICAL- METALS & ALLOYS	Silico Manganese	Manganese	IS : 1559

SCOPE OF ACCREDITATION

Laboratory Name : RCA LABORATORIES, KOLKATA (A DIVISION OF DR. AMIN CONTROLLERS PVT. LTD.), UNIT NO P-27, PHASE1, KASBA INDUSTRIAL ESTATE, ANANDAPUR, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6187 **Page No** 2 of 12

Validity 21/07/2022 to 20/07/2024 **Last Amended on** 04/08/2022

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- METALS & ALLOYS	Silico Manganese	Phosphorous	IS : 1559
20	CHEMICAL- METALS & ALLOYS	Silico Manganese	Silicon	IS : 1559
21	CHEMICAL- ORES & MINERALS	Bauxite	Alumina	IS : 2000 (Part - 3)
22	CHEMICAL- ORES & MINERALS	Bauxite	Ferric Oxide	IS : 2000 (Part - 4)
23	CHEMICAL- ORES & MINERALS	Bauxite	Loss of Ignition	IS : 2000 (Part - 1)
24	CHEMICAL- ORES & MINERALS	Bauxite	Moisture	RCA/KOL/TPM/SOP-11
25	CHEMICAL- ORES & MINERALS	Bauxite	Non-reactive Silica	RCA/KOL/TPM/SOP/015
26	CHEMICAL- ORES & MINERALS	Bauxite	Phosphorus Pentaoxide	RCA/KOL/TPM/SOP-013
27	CHEMICAL- ORES & MINERALS	Bauxite	Reactive Silica	RCA/KOL/TPM/SOP/015
28	CHEMICAL- ORES & MINERALS	Bauxite	Silica	IS : 2000(Part - 2)
29	CHEMICAL- ORES & MINERALS	Bauxite	Titania	RCA/KOL/TPM/SOP-006
30	CHEMICAL- ORES & MINERALS	Chromite Ore	Alumina	IS : 4737
31	CHEMICAL- ORES & MINERALS	Chromite Ore	Calcium Oxide	IS : 4737
32	CHEMICAL- ORES & MINERALS	Chromite Ore	Chromium Oxide	IS: 4737
33	CHEMICAL- ORES & MINERALS	Chromite Ore	Magnesium Oxide	IS : 4737
34	CHEMICAL- ORES & MINERALS	Chromite Ore	Phosphorous	RCA/KOL/TPM/SOP/016
35	CHEMICAL- ORES & MINERALS	Chromite Ore	Silica	IS : 4737
36	CHEMICAL- ORES & MINERALS	Chromite Ore	Total Iron	IS : 4737
37	CHEMICAL- ORES & MINERALS	Dolomite	Alumina	IS : 1760 (Part - 3)

SCOPE OF ACCREDITATION

Laboratory Name :	RCA LABORATORIES, KOLKATA (A DIVISION OF DR. AMIN CONTROLLERS PVT. LTD.), UNIT NO P-27, PHASE1, KASBA INDUSTRIAL ESTATE, ANANDAPUR, KOLKATA, WEST BENGAL, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-6187
Page No	3 of 12
Validity	21/07/2022 to 20/07/2024
Last Amended on	04/08/2022

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- ORES & MINERALS	Dolomite	Alumina	ISO 12677
39	CHEMICAL- ORES & MINERALS	Dolomite	Calcium Oxide	IS : 1760 (Part - 3)
40	CHEMICAL- ORES & MINERALS	Dolomite	Calcium Oxide	ISO 12677
41	CHEMICAL- ORES & MINERALS	Dolomite	Combined Oxide	ASTM C 25
42	CHEMICAL- ORES & MINERALS	Dolomite	Ferric Oxide	CA/KOL/TPM/SOP - 001
43	CHEMICAL- ORES & MINERALS	Dolomite	Ferric Oxide	ISO 12677
44	CHEMICAL- ORES & MINERALS	Dolomite	Loss On Ignition	IS : 1760 (part - 1)
45	CHEMICAL- ORES & MINERALS	Dolomite	Magnesium Oxide	IS : 1760(Part - 3)
46	CHEMICAL- ORES & MINERALS	Dolomite	Magnesium Oxide	ISO 12677
47	CHEMICAL- ORES & MINERALS	Dolomite	Mixed Oxide	RCA/KOL/TPM/SOP/014
48	CHEMICAL- ORES & MINERALS	Dolomite	Moisture	RCA/KOL/TPM/SOP-009
49	CHEMICAL- ORES & MINERALS	Dolomite	Phosphorous	ISO 12677
50	CHEMICAL- ORES & MINERALS	Dolomite	Phosphorous	RCA/KOL/TPM/SOP - 002
51	CHEMICAL- ORES & MINERALS	Dolomite	Phosphorous as Phosphorous Pentoxide	ISO 12677
52	CHEMICAL- ORES & MINERALS	Dolomite	Potassium Oxide	ISO 12677
53	CHEMICAL- ORES & MINERALS	Dolomite	Potassium Oxide	RCA/KOL/TPM/SOP - 003
54	CHEMICAL- ORES & MINERALS	Dolomite	Silica	IS : 1760 (Part - 2)
55	CHEMICAL- ORES & MINERALS	Dolomite	Silica	ISO 12677
56	CHEMICAL- ORES & MINERALS	Dolomite	Sodium Oxide	ISO 12677

SCOPE OF ACCREDITATION

Laboratory Name :	RCA LABORATORIES, KOLKATA (A DIVISION OF DR. AMIN CONTROLLERS PVT. LTD.), UNIT NO P-27, PHASE1, KASBA INDUSTRIAL ESTATE, ANANDAPUR, KOLKATA, WEST BENGAL, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6187	**Page No**	4 of 12
Validity	21/07/2022 to 20/07/2024	**Last Amended on**	04/08/2022

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- ORES & MINERALS	Dolomite	Sodium Oxide	RCA/KOL/TPM/SOP - 003
58	CHEMICAL- ORES & MINERALS	Dolomite	Sulphur	ASTM C 25
59	CHEMICAL- ORES & MINERALS	Dolomite	Sulphur	ISO 12677
60	CHEMICAL- ORES & MINERALS	Dolomite	Sulphur as Sulphur Trioxide	ISO 12677
61	CHEMICAL- ORES & MINERALS	Dolomite	Total Acid Insoluble	RCA/KOL/TPM/SOP/009
62	CHEMICAL- ORES & MINERALS	Dolomite	Total Alkali	RCA/KOL/TPM/SOP-003
63	CHEMICAL- ORES & MINERALS	Gypsum	Al2O3 & Fe2O3	IS : 1288
64	CHEMICAL- ORES & MINERALS	Gypsum	CaO	IS : 1288
65	CHEMICAL- ORES & MINERALS	Gypsum	CaSO4.2H2O	IS : 1288
66	CHEMICAL- ORES & MINERALS	Gypsum	Combine Water	IS : 1288
67	CHEMICAL- ORES & MINERALS	Gypsum	Free Water	IS : 1288
68	CHEMICAL- ORES & MINERALS	Gypsum	MgO	IS : 1288
69	CHEMICAL- ORES & MINERALS	Gypsum	NaCl	IS : 1288
70	CHEMICAL- ORES & MINERALS	Gypsum	SiO2	IS : 1288
71	CHEMICAL- ORES & MINERALS	Gypsum	Sulphur Trioxide	IS : 1288
72	CHEMICAL- ORES & MINERALS	Iron Ore	Alumina	IS : 1493 (Part 1)
73	CHEMICAL- ORES & MINERALS	Iron Ore	Alumina	ISO 9516 - 1
74	CHEMICAL- ORES & MINERALS	Iron Ore	Calcium Oxide	IS : 1493
75	CHEMICAL- ORES & MINERALS	Iron Ore	Calcium Oxide	ISO 9516-1

SCOPE OF ACCREDITATION

Laboratory Name : RCA LABORATORIES, KOLKATA (A DIVISION OF DR. AMIN CONTROLLERS PVT. LTD.), UNIT NO P-27, PHASE1, KASBA INDUSTRIAL ESTATE, ANANDAPUR, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6187 **Page No** 5 of 12

Validity 21/07/2022 to 20/07/2024 **Last Amended on** 04/08/2022

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- ORES & MINERALS	Iron Ore	Ferrous Oxide	IS : 1493
77	CHEMICAL- ORES & MINERALS	Iron Ore	Ferrous Oxide	ISO 9035
78	CHEMICAL- ORES & MINERALS	Iron Ore	Loss On Ignition	ISO 11536
79	CHEMICAL- ORES & MINERALS	Iron Ore	Magnesium Oxide	IS : 1493
80	CHEMICAL- ORES & MINERALS	Iron Ore	Magnesium Oxide	ISO 9516-1
81	CHEMICAL- ORES & MINERALS	Iron Ore	Manganese	IS : 1493
82	CHEMICAL- ORES & MINERALS	Iron Ore	Manganese	ISO 9516-1
83	CHEMICAL- ORES & MINERALS	Iron Ore	Manganese Oxide	IS : 1493
84	CHEMICAL- ORES & MINERALS	Iron Ore	Manganese Oxide	ISO 9516-1
85	CHEMICAL- ORES & MINERALS	Iron Ore	Moisture	IS : 11690
86	CHEMICAL- ORES & MINERALS	Iron Ore	Moisture	IS : 1493 (Part 1)
87	CHEMICAL- ORES & MINERALS	Iron Ore	Moisture	ISO 3087
88	CHEMICAL- ORES & MINERALS	Iron Ore	Phosphorous	IS : 1493
89	CHEMICAL- ORES & MINERALS	Iron Ore	Phosphorous	IS : 1493 (Part 1)
90	CHEMICAL- ORES & MINERALS	Iron Ore	Phosphorous	ISO 9516 - 1
91	CHEMICAL- ORES & MINERALS	Iron Ore	Phosphorus as Phosphorus Pentoxide	IS : 1493 (Part 1)
92	CHEMICAL- ORES & MINERALS	Iron Ore	Phosphorus as Phosphorus Pentoxide	ISO 9516-1
93	CHEMICAL- ORES & MINERALS	Iron Ore	Potassium Oxide	IS : 9497
94	CHEMICAL- ORES & MINERALS	Iron Ore	Potassium Oxide	ISO 9516-1

SCOPE OF ACCREDITATION

Laboratory Name : RCA LABORATORIES, KOLKATA (A DIVISION OF DR. AMIN CONTROLLERS PVT. LTD.), UNIT NO P-27, PHASE1, KASBA INDUSTRIAL ESTATE, ANANDAPUR, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6187 **Page No** 6 of 12

Validity 21/07/2022 to 20/07/2024 **Last Amended on** 04/08/2022

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
95	CHEMICAL- ORES & MINERALS	Iron Ore	Silica	IS : 1493 (Part 1)
96	CHEMICAL- ORES & MINERALS	Iron Ore	Silica	ISO 9516 - 1
97	CHEMICAL- ORES & MINERALS	Iron Ore	Sodium Oxide	IS : 9497
98	CHEMICAL- ORES & MINERALS	Iron Ore	Sodium Oxide	ISO 9516-1
99	CHEMICAL- ORES & MINERALS	Iron Ore	Sulphur	IS : 1493
100	CHEMICAL- ORES & MINERALS	Iron Ore	Sulphur	ISO 9516 - 1
101	CHEMICAL- ORES & MINERALS	Iron Ore	Sulphur as Sulphur Trioxide	IS : 1493
102	CHEMICAL- ORES & MINERALS	Iron Ore	Suphur as Sulphur Trioxide	ISO 9516-1
103	CHEMICAL- ORES & MINERALS	Iron Ore	Titania	IS : 1493
104	CHEMICAL- ORES & MINERALS	Iron Ore	Titania	ISO 9516-1
105	CHEMICAL- ORES & MINERALS	Iron Ore	TML & FMP	IMSBC Code Appendix 2, Flow Table Test Method
106	CHEMICAL- ORES & MINERALS	Iron Ore	Total Alkali	IS : 9497
107	CHEMICAL- ORES & MINERALS	Iron Ore	Total Alkali	ISO 9516-1
108	CHEMICAL- ORES & MINERALS	Iron Ore	Total Iron	IS : 1493 (Part 1)
109	CHEMICAL- ORES & MINERALS	Iron Ore	Total Iron	ISO 9516 - 1
110	CHEMICAL- ORES & MINERALS	Limestone	Alumina	IS : 1760 (Part - 3)
111	CHEMICAL- ORES & MINERALS	Limestone	Alumina	ISO 12677
112	CHEMICAL- ORES & MINERALS	Limestone	Calcium Oxide	IS 1760 (Part - 3)
113	CHEMICAL- ORES & MINERALS	Limestone	Calcium Oxide	ISO 12677

SCOPE OF ACCREDITATION

Laboratory Name : RCA LABORATORIES, KOLKATA (A DIVISION OF DR. AMIN CONTROLLERS PVT. LTD.), UNIT NO P-27, PHASE1, KASBA INDUSTRIAL ESTATE, ANANDAPUR, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6187 **Page No** 7 of 12

Validity 21/07/2022 to 20/07/2024 **Last Amended on** 04/08/2022

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
114	CHEMICAL- ORES & MINERALS	Limestone	Combined Oxide	ASTM C 25
115	CHEMICAL- ORES & MINERALS	Limestone	Ferric Oxide	ISO 12677
116	CHEMICAL- ORES & MINERALS	Limestone	Ferric Oxide	RCA/KOL/TPM/SOP - 001
117	CHEMICAL- ORES & MINERALS	Limestone	Loss of Ignition	IS : 1760(Part - 1)
118	CHEMICAL- ORES & MINERALS	Limestone	Magnesium Oxide	IS : 1760 (Part - 3)
119	CHEMICAL- ORES & MINERALS	Limestone	Magnesium Oxide	ISO 12677
120	CHEMICAL- ORES & MINERALS	Limestone	Manganese Oxide	ISO 12677
121	CHEMICAL- ORES & MINERALS	Limestone	Mixed Oxide	RCA/KOL/TPM/SOP/014
122	CHEMICAL- ORES & MINERALS	Limestone	Moisture	RCA/KOL/TPM/SOP-010
123	CHEMICAL- ORES & MINERALS	Limestone	Phosphorous	ISO 12677
124	CHEMICAL- ORES & MINERALS	Limestone	Phosphorous	RCA/KOL/TPM/SOP - 002
125	CHEMICAL- ORES & MINERALS	Limestone	Phosphorous as Phosphorous Pentoxide	ISO 12677
126	CHEMICAL- ORES & MINERALS	Limestone	Potassium Oxide	ISO 12677
127	CHEMICAL- ORES & MINERALS	Limestone	Potassium Oxide	RCA/KOL/TPM/SOP - 003
128	CHEMICAL- ORES & MINERALS	Limestone	Silica	IS : 1760 (Part - 2)
129	CHEMICAL- ORES & MINERALS	Limestone	Silica	ISO 12677
130	CHEMICAL- ORES & MINERALS	Limestone	Sodium Oxide	ISO 12677
131	CHEMICAL- ORES & MINERALS	Limestone	Sodium Oxide	RCA/KOL/TPM/SOP - 003
132	CHEMICAL- ORES & MINERALS	Limestone	Sulphur	ASTM C 25

SCOPE OF ACCREDITATION

Laboratory Name :	RCA LABORATORIES, KOLKATA (A DIVISION OF DR. AMIN CONTROLLERS PVT. LTD.), UNIT NO P-27, PHASE1, KASBA INDUSTRIAL ESTATE, ANANDAPUR, KOLKATA, WEST BENGAL, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-6187
Page No	8 of 12
Validity	21/07/2022 to 20/07/2024
Last Amended on	04/08/2022

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
133	CHEMICAL- ORES & MINERALS	Limestone	Sulphur	ISO 12677
134	CHEMICAL- ORES & MINERALS	Limestone	Sulphur as Sulphur Trioxide	ISO 12677
135	CHEMICAL- ORES & MINERALS	Limestone	Titania	ISO 12677
136	CHEMICAL- ORES & MINERALS	Limestone	Total Acid Insoluble	RCA/KOL/TPM/SOP/009
137	CHEMICAL- ORES & MINERALS	Limestone	Total Alkali	RCA/KOL/TPM/SOP-003
138	CHEMICAL- ORES & MINERALS	Manganese Ore	Alumina	IS : 1473
139	CHEMICAL- ORES & MINERALS	Manganese Ore	Iron	IS : 1473
140	CHEMICAL- ORES & MINERALS	Manganese Ore	Manganese	IS : 1473
141	CHEMICAL- ORES & MINERALS	Manganese Ore	Manganese Dioxide	IS 1493
142	CHEMICAL- ORES & MINERALS	Manganese Ore	Moisture	IS : 1473
143	CHEMICAL- ORES & MINERALS	Manganese Ore	Phophorous	IS : 1473
144	CHEMICAL- ORES & MINERALS	Manganese Ore	Silica	IS : 1473
145	CHEMICAL- ORES & MINERALS	Manganese Ore	Sulphur	IS : 1473
146	CHEMICAL- ORES & MINERALS	Rock Phosphate	Alumina	IS : 11224
147	CHEMICAL- ORES & MINERALS	Rock Phosphate	Calcium Oxide	IS : 9386
148	CHEMICAL- ORES & MINERALS	Rock Phosphate	Carbon Dioxide	IS : 11224
149	CHEMICAL- ORES & MINERALS	Rock Phosphate	Chloride as Cl	IS : 11224
150	CHEMICAL- ORES & MINERALS	Rock Phosphate	Fluoride as F	IS : 11224
151	CHEMICAL- ORES & MINERALS	Rock Phosphate	Loss of Ignition	IS : 11224

SCOPE OF ACCREDITATION

Laboratory Name : RCA LABORATORIES, KOLKATA (A DIVISION OF DR. AMIN CONTROLLERS PVT. LTD.), UNIT NO P-27, PHASE1, KASBA INDUSTRIAL ESTATE, ANANDAPUR, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6187 **Page No** 9 of 12

Validity 21/07/2022 to 20/07/2024 **Last Amended on** 04/08/2022

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
152	CHEMICAL- ORES & MINERALS	Rock Phosphate	Magnesium Oxide	IS : 11224
153	CHEMICAL- ORES & MINERALS	Rock Phosphate	Moisture	IS : 11224
154	CHEMICAL- ORES & MINERALS	Rock Phosphate	Organic Matter	IS: 11224
155	CHEMICAL- ORES & MINERALS	Rock Phosphate	Phosphorous Pentoxide	IS : 11224
156	CHEMICAL- ORES & MINERALS	Rock Phosphate	Potassium Oxide	RCA/KOL/TPM/SOP - 004
157	CHEMICAL- ORES & MINERALS	Rock Phosphate	Silica	Is : 11224
158	CHEMICAL- ORES & MINERALS	Rock Phosphate	Sodium Oxide	RCA/KOL/TPM/SOP - 004
159	CHEMICAL- SOLID FUELS	Ash Composition	Alumina	IS : 1355
160	CHEMICAL- SOLID FUELS	Ash Composition	Calcium Oxide	IS : 1355
161	CHEMICAL- SOLID FUELS	Ash Composition	Ferric Oxide	IS : 1355
162	CHEMICAL- SOLID FUELS	Ash Composition	Loss On Ignition	IS : 1727
163	CHEMICAL- SOLID FUELS	Ash Composition	Magnesium Oxide	IS : 1355
164	CHEMICAL- SOLID FUELS	Ash Composition	Manganese Oxide	IS : 1355
165	CHEMICAL- SOLID FUELS	Ash Composition	Phosphorous Pentoxide	IS : 1355
166	CHEMICAL- SOLID FUELS	Ash Composition	Potassium Oxide	IS : 9497
167	CHEMICAL- SOLID FUELS	Ash Composition	Silica	IS : 1355
168	CHEMICAL- SOLID FUELS	Ash Composition	Sodium Oxide	IS : 9497
169	CHEMICAL- SOLID FUELS	Ash Composition	Sulphur Trioxide	IS : 1355
170	CHEMICAL- SOLID FUELS	Ash Composition	Titania	IS : 1355
171	CHEMICAL- SOLID FUELS	Coal	Air-dried Moisture	IS : 1350 (Part - I)
172	CHEMICAL- SOLID FUELS	Coal	Ash	ASTM D3174
173	CHEMICAL- SOLID FUELS	Coal	Ash	IS 1350 (Part - I)
174	CHEMICAL- SOLID FUELS	Coal	Ash	ISO 1171
175	CHEMICAL- SOLID FUELS	Coal	Carbon	ASTM D5373
176	CHEMICAL- SOLID FUELS	Coal	Carbon	ISO 29541
177	CHEMICAL- SOLID FUELS	Coal	CSN	IS : 1353 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : RCA LABORATORIES, KOLKATA (A DIVISION OF DR. AMIN CONTROLLERS PVT. LTD.), UNIT NO P-27, PHASE1, KASBA INDUSTRIAL ESTATE, ANANDAPUR, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6187 **Page No** 10 of 12

Validity 21/07/2022 to 20/07/2024 **Last Amended on** 04/08/2022

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
178	CHEMICAL- SOLID FUELS	Coal	CSN	ISO 501
179	CHEMICAL- SOLID FUELS	Coal	DeformationTemperature	ASTM D1857/D1857M
180	CHEMICAL- SOLID FUELS	Coal	Equilibrated Moisture	IS 1350 (Part 1)
181	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	ASTM D3172
182	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	IS1350 (Part - I)
183	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	ISO 17246
184	CHEMICAL- SOLID FUELS	Coal	Flow Temperature	ASTM D1857/D1857M
185	CHEMICAL- SOLID FUELS	Coal	Gross Calorific value	ASTM D5865
186	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	IS : 1350 (Part - II)
187	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	ISO 1928
188	CHEMICAL- SOLID FUELS	Coal	Hemispherical Temperature	ASTM D1857/D1857M
189	CHEMICAL- SOLID FUELS	Coal	HGI	ASTM D409/D409M
190	CHEMICAL- SOLID FUELS	Coal	HGI	IS : 4433
191	CHEMICAL- SOLID FUELS	Coal	HGI	ISO 5074
192	CHEMICAL- SOLID FUELS	Coal	Hydrogen	ASTM D5373
193	CHEMICAL- SOLID FUELS	Coal	Hydrogen	ISO 29541
194	CHEMICAL- SOLID FUELS	Coal	Moisture in analysis samples	ASTM D3173/D3173 M-17
195	CHEMICAL- SOLID FUELS	Coal	Moisture in analysis samples	ISO 11722
196	CHEMICAL- SOLID FUELS	Coal	Net Calorific Value	ASTM D 5865
197	CHEMICAL- SOLID FUELS	Coal	Net Calorific Value	IS : 1350 (Part II)
198	CHEMICAL- SOLID FUELS	Coal	Net Calorific Value	ISO 1928
199	CHEMICAL- SOLID FUELS	Coal	Nitrogen	ASTM D5373
200	CHEMICAL- SOLID FUELS	Coal	Nitrogen	ISO 29541
201	CHEMICAL- SOLID FUELS	Coal	Oxygen	ASTM D3176
202	CHEMICAL- SOLID FUELS	Coal	Oxygen	ISO 17247
203	CHEMICAL- SOLID FUELS	Coal	Phosphorous	IS : 1350 (Part - V)
204	CHEMICAL- SOLID FUELS	Coal	Softening Temperature	ASTM D1857/D1857M
205	CHEMICAL- SOLID FUELS	Coal	Total Moisture	ASTM D3302/3302M
206	CHEMICAL- SOLID FUELS	Coal	Total Moisture	IS : 1350 (Part - I)
207	CHEMICAL- SOLID FUELS	Coal	Total Moisture	ISO 589

SCOPE OF ACCREDITATION

Laboratory Name : RCA LABORATORIES, KOLKATA (A DIVISION OF DR. AMIN CONTROLLERS PVT. LTD.), UNIT NO P-27, PHASE1, KASBA INDUSTRIAL ESTATE, ANANDAPUR, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6187 **Page No** 11 of 12

Validity 21/07/2022 to 20/07/2024 **Last Amended on** 04/08/2022

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
208	CHEMICAL- SOLID FUELS	Coal	Total Sulphur	IS : 1350 (Part - III)
209	CHEMICAL- SOLID FUELS	Coal	Total Sulphur	ISO 334
210	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	ASTM D3175
211	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS : 1350 (Part - I)
212	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	ISO 562
213	CHEMICAL- SOLID FUELS	Coke	Air-dried Moisture	IS : 1350 (Part - I)
214	CHEMICAL- SOLID FUELS	Coke	Ash	ASTM D3174
215	CHEMICAL- SOLID FUELS	Coke	Ash	IS : 1350 (Part - I)
216	CHEMICAL- SOLID FUELS	Coke	Ash	ISO 1171
217	CHEMICAL- SOLID FUELS	Coke	Carbon	ASTM D 5373
218	CHEMICAL- SOLID FUELS	Coke	Coke Reactivity Index (CRI)	IS 4023
219	CHEMICAL- SOLID FUELS	Coke	Coke Strength after Reaction (CSR)	IS 4023
220	CHEMICAL- SOLID FUELS	Coke	Deformation Temperature	ASTM D1857/D1857M
221	CHEMICAL- SOLID FUELS	Coke	Fixed carbon	ASTM D3172
222	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon	IS 1350 (Part - I)
223	CHEMICAL- SOLID FUELS	Coke	Flow Temperature	ASTM D1857/D1857M
224	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value	ASTM D5865
225	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value	IS : 1350 (Part - II)
226	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value	ISO 1928
227	CHEMICAL- SOLID FUELS	Coke	Hemispherical Temperature	ASTM D1857/D1857M
228	CHEMICAL- SOLID FUELS	Coke	Hydrogen	ASTM D5373
229	CHEMICAL- SOLID FUELS	Coke	Moisture in analysis samples	ISO 687
230	CHEMICAL- SOLID FUELS	Coke	Moisture in analysis samples(ADB/ARB)	ASTM D3173/D3173M
231	CHEMICAL- SOLID FUELS	Coke	Nitrogen	ASTM D5373
232	CHEMICAL- SOLID FUELS	Coke	Oxygen	ASTM D3176
233	CHEMICAL- SOLID FUELS	Coke	Phosphorous	IS : 1350 (Part - V)
234	CHEMICAL- SOLID FUELS	Coke	Softening Temperature	ASTM D 1857/D1857M
235	CHEMICAL- SOLID FUELS	Coke	Total Moisture	IS : 1350)Part - I)
236	CHEMICAL- SOLID FUELS	Coke	Total Moisture	ISO 579

SCOPE OF ACCREDITATION

Laboratory Name :	RCA LABORATORIES, KOLKATA (A DIVISION OF DR. AMIN CONTROLLERS PVT. LTD.), UNIT NO P-27, PHASE1, KASBA INDUSTRIAL ESTATE, ANANDAPUR, KOLKATA, WEST BENGAL, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6187	**Page No**	12 of 12
Validity	21/07/2022 to 20/07/2024	**Last Amended on**	04/08/2022

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
237	CHEMICAL- SOLID FUELS	Coke	Total Sulphur	IS : 1350 (Part - III)
238	CHEMICAL- SOLID FUELS	Coke	Total Sulphur	ISO 334
239	CHEMICAL- SOLID FUELS	Coke	Volatile Matter	ASTM D3175
240	CHEMICAL- SOLID FUELS	Coke	Volatile Matter	IS : 1350 (Part - I)
241	CHEMICAL- SOLID FUELS	Coke	Volatile Matter	ISO 562