



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TCRC QUALITY CONTROLS LLP, PLOT NO-155 & 6/E/1, MANCHESWAR INDUSTRIAL ESTATE, SEC-A, ZONE-B, BHUBANESWAR, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-10354

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Validity

28/02/2026 to 27/02/2030

Last Amended on

27/03/2026

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 Testing				
1	CHEMICAL- BUILDING MATERIAL	Blast Furnace Slag	Alumina (Al ₂ O ₃)	IS 4032
2	CHEMICAL- BUILDING MATERIAL	Blast Furnace Slag	Insoluble Residue(IR)	IS 4032
3	CHEMICAL- BUILDING MATERIAL	Blast Furnace Slag	Iron Oxide (Fe ₂ O ₃)	IS 4032
4	CHEMICAL- BUILDING MATERIAL	Blast Furnace Slag	Lime (CaO)	IS 4032
5	CHEMICAL- BUILDING MATERIAL	Blast Furnace Slag	Magnesia (MgO)	IS 4032
6	CHEMICAL- BUILDING MATERIAL	Blast Furnace Slag	Silica Content (SiO ₂)	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Clinker	Alkalis - Potassium Oxide (K ₂ O)	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Clinker	Alkalis - Sodium Oxide (Na ₂ O)	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Clinker	Alumina (Al ₂ O ₃)	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Clinker	Calcium oxide as (CaO)	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Clinker	Chloride(Cl)	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Clinker	Combined oxide(R ₂ O ₃)	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Clinker	Ferric oxide(Fe ₂ O ₃)	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Clinker	Insoluble Residue(IR)	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Clinker	Loss on Ignition	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Clinker	Magnesia(MgO)	IS 4032
17	CHEMICAL- BUILDING MATERIAL	Clinker	Silica (SiO ₂)	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Clinker	Sulphuric Anhydride (SO ₃)	IS 4032
19	CHEMICAL- BUILDING MATERIAL	Fly Ash	Alumina (Al ₂ O ₃)	IS 1727



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20	CHEMICAL- BUILDING MATERIAL	Fly Ash	Calcium Oxide (CaO)	IS 1727
21	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chloride	IS 4032
22	CHEMICAL- BUILDING MATERIAL	Fly Ash	Iron Oxide (Fe ₂ O ₃)	IS 1727
23	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss on Ignition(LOI)	IS 1727
24	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesia (MgO)	IS 1727
25	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica Content (SiO ₂)	IS 1727
26	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphuric Anhydride (SO ₃)	IS 1727
27	CHEMICAL- METALS & ALLOYS	Ferro Chromium	Chromium	IS 13452 (Part-5)
28	CHEMICAL- METALS & ALLOYS	Ferro Chromium	Manganese	IS 1559 (Part-7)
29	CHEMICAL- METALS & ALLOYS	Ferro Chromium	Nitrogen as N	IS : 1559 SEC-II
30	CHEMICAL- METALS & ALLOYS	Ferro Chromium	Phosphorus	IS 1559-1961 Sec-II
31	CHEMICAL- METALS & ALLOYS	Ferro Chromium	Silicon as Si	IS 13452 (Part-1)
32	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Manganese as Mn	IS 1559
33	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Manganese as Mn	ISO 4159
34	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Phosphorus as P	IS 1559
35	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Silicon as Si	IS 1559
36	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Sulphur as S	IS 1559
37	CHEMICAL- METALS & ALLOYS	Ferro Silicon	Aluminium	IS 1559 (Part-5)
38	CHEMICAL- METALS & ALLOYS	Ferro Silicon	Calcium	IS: 1559 (Part-6)
39	CHEMICAL- METALS & ALLOYS	Ferro Silicon	Phosphorous	IS 1559 (Part-4)



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40	CHEMICAL- METALS & ALLOYS	Ferro Silicon	Silicon	IS: 1559 (Part-1)
41	CHEMICAL- METALS & ALLOYS	Ferro Silicon	Sulphur	IS 1559 (Part-3)
42	CHEMICAL- METALS & ALLOYS	Silico Manganese	Manganese	IS 1559
43	CHEMICAL- METALS & ALLOYS	Silico Manganese	Manganese	ISO 4159
44	CHEMICAL- METALS & ALLOYS	Silico Manganese	Phosphorous	IS 1559
45	CHEMICAL- METALS & ALLOYS	Silico Manganese	Silicon	IS 1559 (Part-1)
46	CHEMICAL- METALS & ALLOYS	Silico Manganese	sulphur	IS 1559
47	CHEMICAL- METALS & ALLOYS	Sponge Iron	Alumina as Al ₂ O ₃	IS 1493 (Part-1)
48	CHEMICAL- METALS & ALLOYS	Sponge Iron	Metallic Iron as Fe(M)	IS 15774
49	CHEMICAL- METALS & ALLOYS	Sponge Iron	Phosphorus as P	IS 1493 (Part-1)
50	CHEMICAL- METALS & ALLOYS	Sponge Iron	Silica as SiO ₂	IS 1493 (Part-1)
51	CHEMICAL- METALS & ALLOYS	Sponge Iron	Total Iron as Fe (T)	IS 1493 (Part-1)
52	CHEMICAL- ORES & MINERALS	Bauxite	Alumina (Al ₂ O ₃)	IS 2000 (Part-3)
53	CHEMICAL- ORES & MINERALS	Bauxite	Ferric Oxide (Fe ₂ O ₃)	IS 2000 (Part-4)
54	CHEMICAL- ORES & MINERALS	Bauxite	Loss on Ignition	IS 2000 (Part-1)
55	CHEMICAL- ORES & MINERALS	Bauxite	Phosphorus (P)	IS 2000 (Part-7)
56	CHEMICAL- ORES & MINERALS	Bauxite	Potassium Oxide (K ₂ O)	IS 9497
57	CHEMICAL- ORES & MINERALS	Bauxite	Reactive Silica(RSiO ₂)	IBM Analysis Handbook Edition2012/SI no 1.2
58	CHEMICAL- ORES & MINERALS	Bauxite	Silica (SiO ₂)	IS 2000 (Part -2)
59	CHEMICAL- ORES & MINERALS	Bauxite	Sodium Oxide (Na ₂ O)	IS 9497



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60	CHEMICAL- ORES & MINERALS	Bauxite	Titania (TiO ₂)	IS 2000 (Part-5)
61	CHEMICAL- ORES & MINERALS	Calcined Dolomite	4N HCL Reactivity	SOP/TCRC/BBSR/LAB/07 Issue No:1 Issue Date :10.03.2025
62	CHEMICAL- ORES & MINERALS	Calcined Dolomite	Alumina (Al ₂ O ₃)	ASTM C25
63	CHEMICAL- ORES & MINERALS	Calcined Dolomite	Calcium Oxide (CaO)	ASTM C25
64	CHEMICAL- ORES & MINERALS	Calcined Dolomite	Iron Oxide(Fe ₂ O ₃)	ASTM C25
65	CHEMICAL- ORES & MINERALS	Calcined Dolomite	Loss on Ignition(LOI)	IS 1514
66	CHEMICAL- ORES & MINERALS	Calcined Dolomite	Magnesia (MgO)	ASTM C25
67	CHEMICAL- ORES & MINERALS	Calcined Dolomite	Silica(SiO ₂)	IS 6932 (Part-1)
68	CHEMICAL- ORES & MINERALS	Calcined Dolomite	Sulphur(S)	ASTM C25
69	CHEMICAL- ORES & MINERALS	Chrome Ore(Fines,concentrates)	Alumina as (Al ₂ O ₃)	IS 4737
70	CHEMICAL- ORES & MINERALS	Chrome Ore(Fines,concentrates)	Chromium Oxide as Cr ₂ O ₃	IS 4737
71	CHEMICAL- ORES & MINERALS	Chrome Ore(Fines,concentrates)	Cr/Fe(ratio)	IS 4737
72	CHEMICAL- ORES & MINERALS	Chrome Ore(Fines,concentrates)	Lime as Cao	IS 4737
73	CHEMICAL- ORES & MINERALS	Chrome Ore(Fines,concentrates)	Magnesia as MgO	IS 4737
74	CHEMICAL- ORES & MINERALS	Chrome Ore(Fines,concentrates)	Moisture as M	IS 8562
75	CHEMICAL- ORES & MINERALS	Chrome Ore(Fines,concentrates)	phosphorous as P	IS 5305
76	CHEMICAL- ORES & MINERALS	Chrome Ore(Fines,concentrates)	Sampling	IS 8562
77	CHEMICAL- ORES & MINERALS	Chrome Ore(Fines,concentrates)	Silica as SiO ₂	IS 4737
78	CHEMICAL- ORES & MINERALS	Chrome Ore(Fines,concentrates)	Total Iron as (Fe ₂ O ₃)	IS 4737
79	CHEMICAL- ORES & MINERALS	Chrome Ore(Fines,concentrates)	Total Iron as FeO	IS 4737



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80	CHEMICAL- ORES & MINERALS	Dolomite	Alumina as Al ₂ O ₃	IS 1760 (Part-3)
81	CHEMICAL- ORES & MINERALS	Dolomite	Calcium oxide as CaO	IS 1760 (Part-3)
82	CHEMICAL- ORES & MINERALS	Dolomite	Ferric Oxide as Fe ₂ O ₃	IS 1760 (Part-3)
83	CHEMICAL- ORES & MINERALS	Dolomite	Loss On Ignition	IS 1760 (Part-1)
84	CHEMICAL- ORES & MINERALS	Dolomite	Magnesium Oxide as MgO	IS 1760 (Part-3)
85	CHEMICAL- ORES & MINERALS	Dolomite	Moisture as M	IS 997
86	CHEMICAL- ORES & MINERALS	Dolomite	Potassium Oxide as K ₂ O	IS 9497
87	CHEMICAL- ORES & MINERALS	Dolomite	Sampling	IS 2109
88	CHEMICAL- ORES & MINERALS	Dolomite	Silica as SiO ₂	IS 1760 (Part-2)
89	CHEMICAL- ORES & MINERALS	Dolomite	Sodium Oxide as Na ₂ O	IS 9497
90	CHEMICAL- ORES & MINERALS	Gypsum	Calcium Oxide (CaO)	IS 1288
91	CHEMICAL- ORES & MINERALS	Gypsum	CaSO ₄ .2H ₂ O	IS 1288
92	CHEMICAL- ORES & MINERALS	Gypsum	Combined Water	IS 1288
93	CHEMICAL- ORES & MINERALS	Gypsum	Free Water	IS 1288
94	CHEMICAL- ORES & MINERALS	Gypsum	Iron and Aluminium Oxides	IS 1288
95	CHEMICAL- ORES & MINERALS	Gypsum	Magnesium Oxide(MgO)	IS 1288
96	CHEMICAL- ORES & MINERALS	Gypsum	pH	IS 2720 (Part-26)
97	CHEMICAL- ORES & MINERALS	Gypsum	Silica and Acid Insolubles	IS 1288
98	CHEMICAL- ORES & MINERALS	Gypsum	Sodium Chloride (NaCl)	IS 1288
99	CHEMICAL- ORES & MINERALS	Gypsum	Sulphur Trioxide (SO ₃)	IS 1288



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100	CHEMICAL- ORES & MINERALS	Hydrated Lime	Alumina (Al ₂ O ₃)	IS 1514
101	CHEMICAL- ORES & MINERALS	Hydrated Lime	Available Lime	IS 1514
102	CHEMICAL- ORES & MINERALS	Hydrated Lime	Insoluble Residue(IR)	IS 6932(Part-1)
103	CHEMICAL- ORES & MINERALS	Hydrated Lime	Iron Oxide(Fe ₂ O ₃)	IS 1514
104	CHEMICAL- ORES & MINERALS	Hydrated Lime	Magnesia(MgO)	IS 1514
105	CHEMICAL- ORES & MINERALS	Hydrated Lime	Silica(SiO ₂)	IS 6932(Part-1)
106	CHEMICAL- ORES & MINERALS	Hydrated Lime	Total Calcium Oxide(CaO)	IS 1514
107	CHEMICAL- ORES & MINERALS	Iron Ore	Shatter Index as SI	IS 9963
108	CHEMICAL- ORES & MINERALS	Iron Ore Fines	Moisture	IMSBC CODE-APPENDIX-2(CI. 1.1.4.4)
109	CHEMICAL- ORES & MINERALS	Iron ore Fines	Transportable Moisture limit as TML	IMSBC CODE APPENDIX 2,2023 Edition(Modified proctor/Fagerberg test Procedure for iron ore ?nes)
110	CHEMICAL- ORES & MINERALS	Iron ore Fines	Transportable Moisture limit as TML & Flow Moisture Point as FMP	IMSBC CODE APPENDIX 2 (2023 EDITION) (FLOW TABLE TEST)
111	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	(ABRASION INDEX)AI	IS 6495
112	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	(TUMBLER INDEX)TI	IS 6495
113	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Aluminium as Al ₂ O ₃	IS 1493 (Part-1)
114	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Aluminium as Al ₂ O ₃	ISO 6830
115	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Bulk Density	IS 5842
116	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Calcium oxide as CaO	IS 1493
117	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Crushing Strength Testing(CCS)	IS 8625
118	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Ferrous Oxide(FeO)	ASTM D-3872



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119	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Loss On Ignition	ISO 11536
120	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Loss on Ignition (LOI)	SOP/TCRC/BBSR/LAB/06, Issue No.1/24.05.2024, Rev.1/21.04.2025
121	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Magnesium Oxide as MgO	IS 1493
122	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Moisture	IS 1493 (Part-1)
123	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Phosphorous as P	IS 1493 (Part-1)
124	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Phosphorous as P	ISO 2599
125	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Porosity	IS 11896
126	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	potassium Oxide as K ₂ O	IS 9497
127	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Silica as SiO ₂	IS 1493 (Part-1)
128	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Silica as SiO ₂	ISO 2598-1
129	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Sodium oxide as Na ₂ O	IS 9497
130	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Sulphur as S	IS 1493 (Part-1)
131	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Sulphur as S	ISO 4689-1
132	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Total Iron as Fe	IS 1493 (Part-1)
133	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	Total Iron as Fe	ISO 2597 -1
134	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Aluminium as Al ₂ O ₃	ISO 6830
135	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Aluminium as Al ₂ O ₃	SOP/TCRC/BBSR/LAB/03, Issue No.1, Issue Date. 02.05.2024
136	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Aluminium as Al ₂ O ₃	SOP/TCRC/BBSR/LAB/XRF-01, Issue No.1, Issue Date.15.06.2024
137	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Calcium oxide as CaO	SOP/TCRC/BBSR/LAB/XRF-01, Issue No.1, Issue Date.15.06.2024

This is annexure to 'Certificate of Accreditation' and does not require any signature.



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138	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Loss On Ignition as LOI	SOP/TCRC/BBSR/LAB/06,Issue No.1,Issue Date:24.05.2024
139	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Magnesium Oxide as MgO	SOP/TCRC/BBSR/LAB/XRF-01,Issue No.1,Issue Date.15.06.2024
140	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Manganese as Mn	SOP/TCRC/BBSR/LAB/XRF-01,Issue No.1,Issue Date.15.06.2024
141	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Phosphorous as P	ISO 2599
142	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Phosphorous as P	SOP/TCRC/BBSR/LAB/04,Issue No.1,Issue Date. 24.05.2024
143	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Phosphorous as P	SOP/TCRC/BBSR/LAB/XRF-01,Issue No.1,Issue Date.15.06.2024
144	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Potassium Oxide as K ₂ O	SOP/TCRC/BBSR/LAB/XRF-01,Issue No.1,Issue Date.15.06.2024
145	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Silica as SiO ₂	ISO 2598-1
146	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Silica as SiO ₂	SOP/TCRC/BBSR/LAB/05,Issue No. 1,Issue Date. 24.05.2024
147	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Silica as SiO ₂	SOP/TCRC/BBSR/LAB/XRF-01,Issue No.1,Issue Date.15.06.2024
148	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Sodium oxide as Na ₂ O	SOP/TCRC/BBSR/LAB/XRF-01, Issue No.1,Issue Date.15.06.2024
149	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Sulphur as S	ISO 4689-1
150	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Sulphur as S	SOP/TCRC/BBSR/LAB/XRF-01,Issue No.1,Issue Date. 15.06.2024
151	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Titanium Oxide asTiO ₂	SOP/TCRC/BBSR/LAB/XRF-01,Issue No.1,Issue Date.15.06.2024
152	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Total Iron as Fe	ISO 2597 -1
153	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Total Iron as Fe	SOP/TCRC/BBSR/LAB/XRF-01,Issue No.1,Issue Date.15.06.2024



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154	CHEMICAL- ORES & MINERALS	Iron Ore(Fines/ Lumps/Chips/CLO)	Vanadium Pentaoxide as V2O5	SOP/TCRC/BBSR/LAB/XRF-01, Issue No.1, Issue Date.15.06.2024
155	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	(ABRASION INDEX)AI	IS 6495
156	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	(TUMBLER INDEX)TI	IS 6495
157	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	Aluminium as Al2O3	IS 1493 (Part I)
158	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	Angle of repose	IMSBC Code (Appendix 2)2.2
159	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	Bulk Density	IS 5842
160	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	Bulk Density	ISO 3852 Method1
161	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	Calcium Oxide(CaO)	IS 1493
162	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	Loss On Ignition	ISO 11536
163	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	Maganese (Mn)	IS 1493
164	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	Magnesium Oxide(MgO)	IS 1493
165	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	Moisture as M	IS 11690
166	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	Moisture as M	IS 1493(Part I)
167	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	Phosphorous as P	IS 1493
168	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	Phosphorous as P	IS 1493 (Part-1)
169	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	Sampling	IS 1405
170	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	Silica as SiO2	IS 1493 (Part I)
171	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	Stowage Factor	IMSBC Code (Appendix 1)
172	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	Sulphur as S	IS 1493 (Part I)
173	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	Total Iron as Fe	IS 1493 (Part I)

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174	CHEMICAL- ORES & MINERALS	Iron ore(Fines,lumps,chips)	Total Iron as Fe	SOP/TCRC/BBSR/LAB/01
175	CHEMICAL- ORES & MINERALS	Limestone	(DECREPITATION INDEX)DI	IS 10345
176	CHEMICAL- ORES & MINERALS	Limestone	(TUMBLER INDEX)TI	IS 6495
177	CHEMICAL- ORES & MINERALS	Limestone	Alumina as Al ₂ O ₃	IS 1760(PART-3)
178	CHEMICAL- ORES & MINERALS	Limestone	Alumina as Al ₂ O ₃	SOP/TCRC/BBSR/LAB/XRF-02, Issue No.1, Issue Date.28.06.2024
179	CHEMICAL- ORES & MINERALS	Limestone	Calcium Oxide as CaO	IS 1760 (Part-3)
180	CHEMICAL- ORES & MINERALS	Limestone	Calcium Oxide as CaO	SOP/TCRC/BBSR/LAB/XRF-02, Issue No.1, Issue Date.28.06.2024
181	CHEMICAL- ORES & MINERALS	Limestone	Ferric Oxide as Fe ₂ O ₃	SOP/TCRC/BBSR/LAB/XRF-02, Issue No.1, Issue Date.28.06.2024
182	CHEMICAL- ORES & MINERALS	Limestone	Iron oxide as Fe ₂ O ₃	IS 1760 (Part-3)
183	CHEMICAL- ORES & MINERALS	Limestone	Loss On Ignition as LOI	IS 1760 (Part-1)
184	CHEMICAL- ORES & MINERALS	Limestone	Magnesium Oxide as MgO	IS 1760 (Part-3)
185	CHEMICAL- ORES & MINERALS	Limestone	Magnesium Oxide as MgO	SOP/TCRC/BBSR/LAB/XRF-02, Issue No.1, Issue Date.28.06.2024
186	CHEMICAL- ORES & MINERALS	Limestone	Moisture as M	IS 997
187	CHEMICAL- ORES & MINERALS	Limestone	Moisture as M	SOP/TCRC/BBSR/LAB/08 Issue No:1 Issue Date :01.09.2025
188	CHEMICAL- ORES & MINERALS	Limestone	Phosphorus as P	ASTM-C-25
189	CHEMICAL- ORES & MINERALS	Limestone	Phosphorus as P	SOP/TCRC/BBSR/LAB/XRF-02, Issue No.1, Issue Date.28.06.2024
190	CHEMICAL- ORES & MINERALS	Limestone	Potassium oxide as K ₂ O	IS 9497
191	CHEMICAL- ORES & MINERALS	Limestone	Sampling	IS 2109



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192	CHEMICAL- ORES & MINERALS	Limestone	Shatter Index as SI	SOP/TCRC/BBSR/LAB/09 Issue No:1 Issue Date :15.11.2025
193	CHEMICAL- ORES & MINERALS	Limestone	Silica as SiO ₂	IS1760 (PART-2)
194	CHEMICAL- ORES & MINERALS	Limestone	Silica as SiO ₂	SOP/TCRC/BBSR/LAB/XRF-02, Issue No.1, Issue Date.28.06.2024
195	CHEMICAL- ORES & MINERALS	Limestone	Sodium Oxide as Na ₂ O	IS 9497
196	CHEMICAL- ORES & MINERALS	Limestone	Sulphur as S	ASTM C25
197	CHEMICAL- ORES & MINERALS	Limestone	Sulphur as S	IS 3204 (Annex-B)
198	CHEMICAL- ORES & MINERALS	Manganese ores	Aluminium as Al ₂ O ₃	IS 1473
199	CHEMICAL- ORES & MINERALS	Manganese ores	Moisture as M	ISO 4299
200	CHEMICAL- ORES & MINERALS	Manganese ores	Phosphorous as P	IS 1473
201	CHEMICAL- ORES & MINERALS	Manganese ores	Sampling	IS 1449
202	CHEMICAL- ORES & MINERALS	Manganese ores	Silica as SiO ₂	IS 1473
203	CHEMICAL- ORES & MINERALS	Manganese ores	Sulphur as S	IS 1473
204	CHEMICAL- ORES & MINERALS	Manganese ores	Total Iron as Fe	IS 1473
205	CHEMICAL- ORES & MINERALS	Manganese ores	Total Manganese as Mn	IS 1473
206	CHEMICAL- ORES & MINERALS	Manganese ores	Total Manganese as Mn	ISO 4298
207	CHEMICAL- ORES & MINERALS	Pyroxenite	(DECREPITATION INDEX)DI	IS 10345
208	CHEMICAL- ORES & MINERALS	Pyroxenite	(TUMBLER INDEX)TI	IS 6495
209	CHEMICAL- ORES & MINERALS	Pyroxenite	Alumina as Al ₂ O ₃	IS 1760 (Part-3)
210	CHEMICAL- ORES & MINERALS	Pyroxenite	Calcium oxide as CaO	IS 1760 (Part-3)
211	CHEMICAL- ORES & MINERALS	Pyroxenite	Iron Oxide as Fe ₂ O ₃	IS 1760 (Part-3)

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212	CHEMICAL- ORES & MINERALS	Pyroxenite	Loss on ignition	IS 1760: (Part-1)
213	CHEMICAL- ORES & MINERALS	Pyroxenite	Magnesium oxide as MgO	IS 1760: (Part-3)
214	CHEMICAL- ORES & MINERALS	Pyroxenite	Moisture as M	IS 997
215	CHEMICAL- ORES & MINERALS	Pyroxenite	Phosphorus as P	ASTM-C-25
216	CHEMICAL- ORES & MINERALS	Pyroxenite	potassium Oxide as K ₂ O	IS 9497
217	CHEMICAL- ORES & MINERALS	Pyroxenite	Silica as SiO ₂	IS 1760 (Part-2)
218	CHEMICAL- ORES & MINERALS	Pyroxenite	Sodium oxide as Na ₂ O	IS 9497
219	CHEMICAL- ORES & MINERALS	Quartzite	Loss On Ignition	IS 1917 (PART-1)
220	CHEMICAL- ORES & MINERALS	Quartzite	Potassium Oxide as K ₂ O	IS 1917 (PART-2)
221	CHEMICAL- ORES & MINERALS	Quartzite	silica as SiO ₂	IS 1917 (PART-3)
222	CHEMICAL- ORES & MINERALS	Quartzite	Sodium Oxide as Na ₂ O	IS 1917 (PART-2)
223	CHEMICAL- ORES & MINERALS	Quicklime	4N HCL Reactivity	SOP/TCRC/BBSR/LAB/07 Issue No:1 Issue Date :10.03.2025
224	CHEMICAL- ORES & MINERALS	Quicklime	Alumina (Al ₂ O ₃)	IS 1514
225	CHEMICAL- ORES & MINERALS	Quicklime	Available Lime	IS 1514
226	CHEMICAL- ORES & MINERALS	Quicklime	Iron Oxide(Fe ₂ O ₃)	IS 1514
227	CHEMICAL- ORES & MINERALS	Quicklime	Loss on Ignition(LOI)	IS 1514
228	CHEMICAL- ORES & MINERALS	Quicklime	Magnesia (MgO)	IS 1514
229	CHEMICAL- ORES & MINERALS	Quicklime	Silica (SiO ₂)	IS 6932(Part-1)
230	CHEMICAL- ORES & MINERALS	Quicklime	Sulphur (S)	ASTM C25
231	CHEMICAL- ORES & MINERALS	Quicklime	Total Calcium Oxide (CaO)	IS 1514



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232	CHEMICAL- SOIL AND ROCK	Bentonite	Alumina (Al ₂ O ₃)	IS 12621
233	CHEMICAL- SOIL AND ROCK	Bentonite	Calcium Oxide(CaO)	IS 12621
234	CHEMICAL- SOIL AND ROCK	Bentonite	Free Swelling Index	IS 12446
235	CHEMICAL- SOIL AND ROCK	Bentonite	Iron Oxide (Fe ₂ O ₃)	IS 12621
236	CHEMICAL- SOIL AND ROCK	Bentonite	Loss On Igition(LOI)	IS 12621
237	CHEMICAL- SOIL AND ROCK	Bentonite	Magnesia (MgO)	IS 12621
238	CHEMICAL- SOIL AND ROCK	Bentonite	Moisture	IS 12446
239	CHEMICAL- SOIL AND ROCK	Bentonite	pH	IS 12446
240	CHEMICAL- SOIL AND ROCK	Bentonite	Plate Water Absorption	SOP/TCRC/BBSR/LAB/02 (26/02/2024)
241	CHEMICAL- SOIL AND ROCK	Bentonite	Potassium Oxide(K ₂ O)	IS 9497
242	CHEMICAL- SOIL AND ROCK	Bentonite	Silica (SiO ₂)	IS 12621
243	CHEMICAL- SOIL AND ROCK	Bentonite	Sodium Oxide(Na ₂ O)	IS 9497
244	CHEMICAL- SOLID FUELS	Ash of Coal	Alumina (Al ₂ O ₃)	IS 1355
245	CHEMICAL- SOLID FUELS	Ash of Coal	Calcium Oxide(CaO)	IS 1355
246	CHEMICAL- SOLID FUELS	Ash of Coal	Ferric Oxide (Fe ₂ O ₃)	IS 1355
247	CHEMICAL- SOLID FUELS	Ash of Coal	Loss on Ignition(LOI)	IS 1727
248	CHEMICAL- SOLID FUELS	Ash of Coal	Magnesium Oxide(MgO)	IS 1355
249	CHEMICAL- SOLID FUELS	Ash of Coal	Manganese Oxide(MnO)	IS 1355
250	CHEMICAL- SOLID FUELS	Ash of Coal	Phosphorous Pentoxide(P ₂ O ₅)	IS 1355
251	CHEMICAL- SOLID FUELS	Ash of Coal	Potassium Oxide(K ₂ O)	IS 1355
252	CHEMICAL- SOLID FUELS	Ash of Coal	Silica(SiO ₂)	IS 1355
253	CHEMICAL- SOLID FUELS	Ash of Coal	Sodium Oxide(Na ₂ O)	IS 1355
254	CHEMICAL- SOLID FUELS	Ash of Coal	Sulphur Trioxide(SO ₃)	IS 1355
255	CHEMICAL- SOLID FUELS	Ash of Coal	Titania (TiO ₂)	IS 1355
256	CHEMICAL- SOLID FUELS	Ash of Coke	Alumina (Al ₂ O ₃)	IS 1355



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257	CHEMICAL- SOLID FUELS	Ash of Coke	Calcium oxide (CaO)	IS 1355
258	CHEMICAL- SOLID FUELS	Ash of Coke	Ferric Oxide (Fe ₂ O ₃)	IS 1355
259	CHEMICAL- SOLID FUELS	Ash of Coke	Loss on Ignition(LOI)	IS 1727
260	CHEMICAL- SOLID FUELS	Ash of Coke	Magnesium Oxide(MgO)	IS 1355
261	CHEMICAL- SOLID FUELS	Ash of Coke	Manganese Oxide(MnO)	IS 1355
262	CHEMICAL- SOLID FUELS	Ash of Coke	Phosphorous Pentoxide(P ₂ O ₅)	IS 1355
263	CHEMICAL- SOLID FUELS	Ash of Coke	Potassium Oxide(K ₂ O)	IS 1355
264	CHEMICAL- SOLID FUELS	Ash of Coke	Silica(SiO ₂)	IS 1355
265	CHEMICAL- SOLID FUELS	Ash of Coke	Sodium Oxide(Na ₂ O)	IS 1355
266	CHEMICAL- SOLID FUELS	Ash of Coke	Sulphur Trioxide(SO ₃)	IS 1355
267	CHEMICAL- SOLID FUELS	Ash of Coke	Titania (TiO ₂)	IS 1355
268	CHEMICAL- SOLID FUELS	Coal	ASH(Air dried/As determine/Dried basis)	ISO 1171
269	CHEMICAL- SOLID FUELS	Coal	ASH(Air dried/As determine/Dried basis/Equilibrated basis)	ASTM D 3174
270	CHEMICAL- SOLID FUELS	Coal	ASH(Air-Dried/As determine/Dried/Equilibrated basis)	1350 (Part-1)
271	CHEMICAL- SOLID FUELS	Coal	Caking Index	IS 1353 (Part-3)
272	CHEMICAL- SOLID FUELS	Coal	Carbon (Air dried/As received/Dried basis)	ASTM D5373(Method-A)
273	CHEMICAL- SOLID FUELS	Coal	Carbon (Air dried/As received/Dried basis)	ISO 29541
274	CHEMICAL- SOLID FUELS	Coal	Crucible Swelling Number/Free swelling Index	ASTM D 720
275	CHEMICAL- SOLID FUELS	Coal	Crucible Swelling Number/Free Swelling Index	IS 1353(PART-1)
276	CHEMICAL- SOLID FUELS	Coal	Crucible Swelling Number/Free swelling Index	ISO 501
277	CHEMICAL- SOLID FUELS	Coal	Equilibrated Moisture	ASTM D 1412/D1412M
278	CHEMICAL- SOLID FUELS	Coal	Equilibrated Moisture	IS 1350(PART-1)
279	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon (Air dried/As determine/Dried basis)	ISO 17246
280	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon as FC(Air-Dried/As determine/Dried/Equilibrated basis)	IS 1350(part-1)



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281	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon(Air Dried/As determine/Dried basis/Equilibrated basis)	ASTM D 3172
282	CHEMICAL- SOLID FUELS	Coal	Gross Calorific value as GCV(Air Dried/As determine/Dried basis)	ISO 1928
283	CHEMICAL- SOLID FUELS	coal	Gross Calorific value as GCV(Air Dried/As determine/Dried basis/Equilibrated basis)	ASTM D 5865
284	CHEMICAL- SOLID FUELS	Coal	Gross Calorific value as GCV(Air Dried/As determine/Dried basis/Equilibrated basis)	IS 1350(PART-2)
285	CHEMICAL- SOLID FUELS	Coal	Hydrogen(Air dried/As received/Dried basis)	ASTM D5373(Method-A)
286	CHEMICAL- SOLID FUELS	Coal	Hydrogen(Air dried/As received/Dried basis)	ISO 29541
287	CHEMICAL- SOLID FUELS	Coal	LTGK (LOW TEMPERTURE GRAY KING)	IS1353:part-2
288	CHEMICAL- SOLID FUELS	Coal	LTGK (LOW TEMPERTURE GRAY KING)	ISO 502
289	CHEMICAL- SOLID FUELS	coal	Moisture as M	IS 1350 (PART-1)
290	CHEMICAL- SOLID FUELS	Coal	Moisture in analysis sample(M)	ASTM D 3173
291	CHEMICAL- SOLID FUELS	Coal	Moisture in analysis sample(M)	ISO 11722
292	CHEMICAL- SOLID FUELS	Coal	Net Calorific Value as NCV (Air dried/As received/Dried basis)	ASTM D5865
293	CHEMICAL- SOLID FUELS	Coal	Net Calorific Value as NCV (Air dried/As received/Dried basis)	IS 1350 PART-2
294	CHEMICAL- SOLID FUELS	Coal	Net Calorific Value as NCV (Air dried/As received/Dried basis)	ISO 1928
295	CHEMICAL- SOLID FUELS	Coal	Nitrogen(Air dried/As received/Dried basis)	ASTM D5373(Method-A)
296	CHEMICAL- SOLID FUELS	Coal	Nitrogen(Air dried/As received/Dried basis)	ISO 29541
297	CHEMICAL- SOLID FUELS	Coal	Oxygen(Air dried/As received/Dried basis)	ASTM D3176
298	CHEMICAL- SOLID FUELS	Coal	Oxygen(Air dried/As received/Dried basis)	ISO 17247
299	CHEMICAL- SOLID FUELS	Coal	Phosphorous (P)	ISO:622



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300	CHEMICAL- SOLID FUELS	Coal	Phosphorous as P	IS 1350 (Part-5/Clause6.2) (Volumetric method)
301	CHEMICAL- SOLID FUELS	coal	Sampling	IS 436(paet-1/Sec-1)
302	CHEMICAL- SOLID FUELS	Coal	Sulphur as S(Air dried/As determine/Dried basis)	IS 1350(PART-3)
303	CHEMICAL- SOLID FUELS	Coal	Sulphur(ADB,DB & ARB)	ASTM D4239(Method-B)
304	CHEMICAL- SOLID FUELS	Coal	Total Moisture as TM	ASTM D 3302
305	CHEMICAL- SOLID FUELS	coal	Total Moisture as TM	IS 1350(PART-1)
306	CHEMICAL- SOLID FUELS	Coal	Total Moisture as TM	ISO 589
307	CHEMICAL- SOLID FUELS	Coal	Total Sulphur(Air dried/As determine/Dried basis)	ISO 334
308	CHEMICAL- SOLID FUELS	Coal	Transportable Moisture limit as TML	IMSBC Code Appendix 2 2022 Edition (Modified proctor/Fagerberg test) Procedure for Coal: 2022
309	CHEMICAL- SOLID FUELS	Coal	Transportable Moisture limit as TML& Flow Moisture Point As FMP	IMSBC CODE APPENDIX 2 (2022 EDITION) (FLOW TABLE TEST)
310	CHEMICAL- SOLID FUELS	Coal	Volatile matter as VM(Air dried/As determine/Dried basis/Equilibrated basis)	IS 1350 (PART-1)
311	CHEMICAL- SOLID FUELS	Coal	Volatile matter(Air dried/As determine/Dried basis)	ISO 562
312	CHEMICAL- SOLID FUELS	Coal	Volatile matter(Air dried/As determine/Dried basis/Equilibrated basis)	ASTM D 3175
313	CHEMICAL- SOLID FUELS	Coke	ASH	IS 1350(PART-1)
314	CHEMICAL- SOLID FUELS	Coke	ASH(Air dried/As determine/Dried basis)	ASTM D 3174
315	CHEMICAL- SOLID FUELS	Coke	ASH(Air dried/As determine/Dried basis)	ISO 1171
316	CHEMICAL- SOLID FUELS	Coke	Carbon (Air dried/As received/Dried basis)	ASTM D5373(Method-A)
317	CHEMICAL- SOLID FUELS	Coke	Carbon (Air dried/As received/Dried basis)	ISO 29541
318	CHEMICAL- SOLID FUELS	Coke	Coke Reactivity Index(CRI)	ASTM D5341
319	CHEMICAL- SOLID FUELS	Coke	Coke Reactivity Index(CRI)	IS 4023
320	CHEMICAL- SOLID FUELS	Coke	Coke Reactivity Index(CRI)	ISO 18894
321	CHEMICAL- SOLID FUELS	Coke	Coke strength After Reaction (CSR)	ASTM D5341

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322	CHEMICAL- SOLID FUELS	Coke	Coke strength After Reaction (CSR)	IS 4023
323	CHEMICAL- SOLID FUELS	Coke	Coke strength After Reaction (CSR)	ISO 18894
324	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon (Air dried/As determine/Dried basis)	ISO 17246
325	CHEMICAL- SOLID FUELS	coke	Fixed Carbon as FC	IS 1350(PART-1)
326	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon(Air Dried/As determine/Dried basis)	ASTM D 3172
327	CHEMICAL- SOLID FUELS	Coke	Gross Calorific value as GCV(Air Dried/As determine/Dried basis)	ASTM D 5865
328	CHEMICAL- SOLID FUELS	Coke	Gross Calorific value as GCV(Air Dried/As determine/Dried basis)	IS 1350(PART-2)
329	CHEMICAL- SOLID FUELS	Coke	Gross Calorific value as GCV(Air Dried/As determine/Dried basis)	ISO 1928
330	CHEMICAL- SOLID FUELS	Coke	Hydrogen(Air dried/As received/Dried basis)	ASTM D5373(Method-A)
331	CHEMICAL- SOLID FUELS	Coke	Hydrogen(Air dried/As received/Dried basis)	ISO 29541
332	CHEMICAL- SOLID FUELS	Coke	Micum Indices as M10	ISO 556
333	CHEMICAL- SOLID FUELS	Coke	Micum Indices as M40	IS 1354
334	CHEMICAL- SOLID FUELS	Coke	Micum Indices as M40	ISO 556
335	CHEMICAL- SOLID FUELS	Coke	Micum Indices asM10	IS 1354
336	CHEMICAL- SOLID FUELS	Coke	Moisture as M	IS 1350(PART-1)
337	CHEMICAL- SOLID FUELS	Coke	Moisture in analysis sample(M)	ASTM D 3173
338	CHEMICAL- SOLID FUELS	Coke	Moisture in analysis sample(M)	ISO 11722
339	CHEMICAL- SOLID FUELS	Coke	Net Calorific Value as NCV (Air dried/As received/Dried basis)	ASTM D5865
340	CHEMICAL- SOLID FUELS	Coke	Net Calorific Value as NCV (Air dried/As received/Dried basis)	IS 1350 PART-2
341	CHEMICAL- SOLID FUELS	Coke	Net Calorific Value as NCV (Air dried/As received/Dried basis)	ISO 1928
342	CHEMICAL- SOLID FUELS	Coke	Nitrogen(Air dried/As received/Dried basis)	ASTM D5373(Method-A)
343	CHEMICAL- SOLID FUELS	Coke	Nitrogen(Air dried/As received/Dried basis)	ISO 29541



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SCOPE OF ACCREDITATION

Laboratory Name :

TCRC QUALITY CONTROLS LLP, PLOT NO-155 & 6/E/1, MANCHESWAR INDUSTRIAL ESTATE, SEC-A, ZONE-B, BHUBANESWAR, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-10354

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Validity

28/02/2026 to 27/02/2030

Last Amended on

27/03/2026

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
344	CHEMICAL- SOLID FUELS	Coke	Oxygen(Air dried/As received/Dried basis)	ASTM D3176
345	CHEMICAL- SOLID FUELS	Coke	Oxygen(Air dried/As received/Dried basis)	ISO 17247
346	CHEMICAL- SOLID FUELS	Coke	Phosphorous (P)	ISO:622
347	CHEMICAL- SOLID FUELS	Coke	Phosphorus as P	IS 1350 (Part-5/Clause6.2) (Volumetric method)
348	CHEMICAL- SOLID FUELS	Coke	Sampling	IS 436(paet-1/Sec-1)
349	CHEMICAL- SOLID FUELS	Coke	Shatter Index as SI	IS 1354
350	CHEMICAL- SOLID FUELS	Coke	Sulphur as S	IS 1350(PART-3)
351	CHEMICAL- SOLID FUELS	Coke	Sulphur(ADB,DB & ARB)	ASTM D4239(Method-B)
352	CHEMICAL- SOLID FUELS	Coke	Total Moisture as TM	ASTM D 2961
353	CHEMICAL- SOLID FUELS	Coke	Total Moisture as TM	ASTM D 3302
354	CHEMICAL- SOLID FUELS	Coke	Total Moisture as TM	IS 1350(PART-1)
355	CHEMICAL- SOLID FUELS	Coke	Total Moisture as TM	ISO 579
356	CHEMICAL- SOLID FUELS	Coke	Total Sulphur	ISO 334
357	CHEMICAL- SOLID FUELS	Coke	Volatile Matter as VM	IS 1350(PART-1)
358	CHEMICAL- SOLID FUELS	Coke	Volatile matter(Air dried/As determine/Dried basis)	ASTM D 3175
359	CHEMICAL- SOLID FUELS	Coke	Volatile matter(Air dried/As determine/Dried basis)	ISO 562
360	CHEMICAL- SOLID FUELS	Graphite	Ash	IS 11321
361	CHEMICAL- SOLID FUELS	Graphite	Fixed Carbon	IS 11321
362	CHEMICAL- SOLID FUELS	Graphite	Loss on Heating	IS 495
363	CHEMICAL- SOLID FUELS	Graphite	Moisture	IS 11321
364	CHEMICAL- SOLID FUELS	Graphite	Non Graphitic Carbon	IS 495
365	CHEMICAL- SOLID FUELS	Graphite	Petroleum Ether soluble Matter	IS 495
366	CHEMICAL- SOLID FUELS	Graphite	Sulphur	IS 11321
367	CHEMICAL- SOLID FUELS	Graphite	Volatile Matter	IS 11321
368	CHEMICAL- SOLID FUELS	Graphite	Water soluble matter	IS 495
369	CHEMICAL- SOLID FUELS	Pet coke	Ash Content as Ash	IS 1448 (Part -126)
370	CHEMICAL- SOLID FUELS	Pet coke	Carbon (Air dried/As received/Dried basis)	ASTM D5373(Method-A)
371	CHEMICAL- SOLID FUELS	Pet coke	Carbon (Air dried/As received/Dried basis)	ISO 29541



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372	CHEMICAL- SOLID FUELS	Pet coke	Fixed Carbon (Air dried/As received/Dried basis)	IS 8502 : Annex-B
373	CHEMICAL- SOLID FUELS	Pet coke	Fixed Carbon as FC	IS 1350(PART-1)
374	CHEMICAL- SOLID FUELS	Pet coke	Gross Calorific Value as GCV	IS 1350 (part-2)
375	CHEMICAL- SOLID FUELS	Pet coke	Hydrogen(Air dried/As received/Dried basis)	ASTM D5373(Method-A)
376	CHEMICAL- SOLID FUELS	Pet coke	Hydrogen(Air dried/As received/Dried basis)	ISO 29541
377	CHEMICAL- SOLID FUELS	Pet coke	Moisture as M	IS 1448 (Part -132)
378	CHEMICAL- SOLID FUELS	Pet coke	Net Calorific Value as NCV (Air dried/As received/Dried basis)	ASTM D5865
379	CHEMICAL- SOLID FUELS	Pet coke	Net Calorific Value as NCV (Air dried/As received/Dried basis)	IS 1350 PART-2
380	CHEMICAL- SOLID FUELS	Pet coke	Net Calorific Value as NCV (Air dried/As received/Dried basis)	ISO 1928
381	CHEMICAL- SOLID FUELS	Pet coke	Nitrogen(Air dried/As received/Dried basis)	ASTM D5373(Method-A)
382	CHEMICAL- SOLID FUELS	Pet coke	Nitrogen(Air dried/As received/Dried basis)	ISO 29541
383	CHEMICAL- SOLID FUELS	Pet coke	Oxygen(Air dried/As received/Dried basis)	ASTM D3176
384	CHEMICAL- SOLID FUELS	Pet coke	Oxygen(Air dried/As received/Dried basis)	ISO 17247
385	CHEMICAL- SOLID FUELS	Pet coke	Sulphur as S	IS 1350 (part-3)
386	CHEMICAL- SOLID FUELS	Pet coke	Sulphur(ADB,DB & ARB)	ASTM D4239(Method-B)
387	CHEMICAL- SOLID FUELS	Pet coke	Sulphur(ADB,DB & ARB)	IS 1448 (PART-33)
388	CHEMICAL- SOLID FUELS	Pet coke	Volatile Matter as VM	IS 1448 (Part -134)
389	CHEMICAL- SOLID FUELS	Solid Biofuels	Ash Content as Ash	ISO 18122
390	CHEMICAL- SOLID FUELS	Solid Biofuels	Ash(Air dried/As received/Dried basis)	IS 17653
391	CHEMICAL- SOLID FUELS	Solid Biofuels	Carbon (Air dried/As received/Dried basis)	IS 17832 , ISO 16948
392	CHEMICAL- SOLID FUELS	Solid Biofuels	Fixed Carbon (Air dried/As received/Dried basis)	IS 18721
393	CHEMICAL- SOLID FUELS	Solid Biofuels	Fixed Carbon as FC	ISO 17225-1
394	CHEMICAL- SOLID FUELS	Solid Biofuels	Gross Calorific Value as GCV	ISO 18125



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395	CHEMICAL- SOLID FUELS	Solid Biofuels	Gross Calorific Value as GCV (Air dried/As received/Dried basis)	IS 17654
396	CHEMICAL- SOLID FUELS	Solid Biofuels	Hydrogen(Air dried/As received/Dried basis)	IS 17832 , ISO 16948
397	CHEMICAL- SOLID FUELS	Solid Biofuels	Moisture (Air dried basis)	IS 17655 (Part 3)
398	CHEMICAL- SOLID FUELS	Solid Biofuels	Moisture content as M	ISO 18134-3
399	CHEMICAL- SOLID FUELS	Solid Biofuels	Net Calorific Value as NCV (Air dried/As received/Dried basis)	ASTM D5865
400	CHEMICAL- SOLID FUELS	Solid Biofuels	Net Calorific Value as NCV (Air dried/As received/Dried basis)	IS 17654 , ISO 18125
401	CHEMICAL- SOLID FUELS	Solid Biofuels	Nitrogen(Air dried/As received/Dried basis)	IS 17832, ISO 16948
402	CHEMICAL- SOLID FUELS	Solid Biofuels	Oxygen(Air dried/As received/Dried basis)	ISO 17247
403	CHEMICAL- SOLID FUELS	Solid Biofuels	Sulphur(Air dried/As received/Dried basis)	IS 17833, ISO 16994
404	CHEMICAL- SOLID FUELS	Solid Biofuels	Total Moisture (As received basis)	IS 17655 (Part 2)
405	CHEMICAL- SOLID FUELS	Solid Biofuels	Volatile Matter as VM	ISO 18123
406	CHEMICAL- SOLID FUELS	Solid Biofuels	Volatile Matter(ADB,DB & ARB)	IS 17844