



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TCRC QUALITY CONTROLS LLP, 2ND &3RD FLOOR,SHIV INDUSTRIAL
ESTATE,K.V. BAL MUKUND MARG,CHINCHPOKLI (EAST), MUMBAI,
MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-6456

Page No

1 of 15

Validity

24/09/2024 to 23/09/2026

Last Amended on

05/11/2024

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- ANIMAL FOOD & FEEDS	Animal feed & feed stuff	Acid Insoluble Ash	IS 7874 (Part 1)
2	CHEMICAL- ANIMAL FOOD & FEEDS	Animal feed & feed stuff	Crude fat	IS 7874 (Part 1)
3	CHEMICAL- ANIMAL FOOD & FEEDS	Animal feed & feed stuff	Crude fiber	IS 7874 (Part 1)
4	CHEMICAL- ANIMAL FOOD & FEEDS	Animal feed & feed stuff	Crude Protein	IS 7874 (Part 1)
5	CHEMICAL- ANIMAL FOOD & FEEDS	Animal feed & feed stuff	Moisture	IS 7874 (Part 1)
6	CHEMICAL- ANIMAL FOOD & FEEDS	Animal feed & feed stuff	Total Ash	IS 7874 (Part 1)
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) - powder and whole	Acid insoluble ash	IS 1797
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) - powder and whole	Moisture	IS 1797
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) - powder and whole	Total ash	IS 1797
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Damage Kernel	IS 4333 (Part 1)
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Foreign matter	IS 4333 (Part 1)
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Moisture	IS 4333 (Part 2)
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Shriveled/Shrunken/Broken seeds	IS 4333 (Part 1)
14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame,Soyabean,Groundnut,Sunflower,Niger,Linseed,Rapeseed,Safflower,coconut ball, poppy, safflower, Niger seed, olive	Acid value of extracted oil	IS 3579
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame,Soyabean,Groundnut,Sunflower,Niger,Linseed,Rapeseed,Safflower,coconut ball, poppy, safflower, Niger seed, olive	Damaged & Weevilled seeds	IS 3579
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame,Soyabean,Groundnut,Sunflower,Niger,Linseed,Rapeseed,Safflower,coconut ball, poppy, safflower, Niger seed, olive	Impurities	IS 3579

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



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TCRC QUALITY CONTROLS LLP, 2ND &3RD FLOOR,SHIV INDUSTRIAL ESTATE,K.V. BAL MUKUND MARG,CHINCHPOKLI (EAST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-6456

Page No

2 of 15

Validity

24/09/2024 to 23/09/2026

Last Amended on

05/11/2024

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
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame,Soyabean,Groundnut,Sunflower,Niger,Linseed,Rapeseed,Safflower,coconut ball, poppy, safflower, Niger seed, olive	Moisture	IS 3579
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame,Soyabean,Groundnut,Sunflower,Niger,Linseed,Rapeseed,Safflower,coconut ball, poppy, safflower, Niger seed, olive	Oil	IS 3579
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame,Soyabean,Groundnut,Sunflower,Niger,Linseed,Rapeseed,Safflower,coconut ball, poppy, safflower, Niger seed, olive	Shriveled/Immature seeds	IS 3579
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame,Soyabean,Groundnut,Sunflower,Niger,Linseed,Rapeseed,Safflower,coconut ball, poppy, safflower, Niger seed, olive	Split & broken	IS 3579
21	CHEMICAL- ORES & MINERALS	Barites	Density	API 13 A
22	CHEMICAL- ORES & MINERALS	Barites	Insoluble minus Silica	IS 2881
23	CHEMICAL- ORES & MINERALS	Barites	Silica (SiO ₂)	IS 2881
24	CHEMICAL- ORES & MINERALS	Barites	Transport moisture Limit	IMSBC Appendix 2,Flow table method
25	CHEMICAL- ORES & MINERALS	Barites	Transport moisture Limit	IMSBC Appendix 2,Modified Proctor/Fagerberg method
26	CHEMICAL- ORES & MINERALS	Bauxite	Alumina (Al ₂ O ₃)	IS 2000 (Part 3)
27	CHEMICAL- ORES & MINERALS	Bauxite	Ferric oxide (Fe ₂ O ₃)	IS 2000 (Part 4)
28	CHEMICAL- ORES & MINERALS	Bauxite	Loss on Ignition (LOI)	IS 2000 (Part 1)
29	CHEMICAL- ORES & MINERALS	Bauxite	Moisture	TCRC/SOP/Baux-Mois/2
30	CHEMICAL- ORES & MINERALS	Bauxite	Potassium oxide(K ₂ O)	IS 9497
31	CHEMICAL- ORES & MINERALS	Bauxite	Silica (SiO ₂)	IS 2000 (Part 2)
32	CHEMICAL- ORES & MINERALS	Bauxite	Sodium Oxide (Na ₂ O)	IS 9497
33	CHEMICAL- ORES & MINERALS	Bauxite	Titanium Oxide (TiO ₂)	SOP: TPM/TCRC/3/A1 (ICP-OES)
34	CHEMICAL- ORES & MINERALS	Bauxite	Transport moisture Limit	IMSBC Appendix 2,Flow table method
35	CHEMICAL- ORES & MINERALS	Bauxite	Transport moisture Limit	IMSBC Appendix 2,Modified Proctor/Fagerberg method

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



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TCRC QUALITY CONTROLS LLP, 2ND & 3RD FLOOR, SHIV INDUSTRIAL ESTATE, K.V. BAL MUKUND MARG, CHINCHPOKLI (EAST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-6456

Page No

3 of 15

Validity

24/09/2024 to 23/09/2026

Last Amended on

05/11/2024

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
36	CHEMICAL- ORES & MINERALS	Chrome Ore	Transport moisture Limit	IMSBC Appendix 2, Flow table method
37	CHEMICAL- ORES & MINERALS	Chrome Ore	Transport moisture Limit	IMSBC Appendix 2, Modified Proctor/Fagerberg method
38	CHEMICAL- ORES & MINERALS	Gypsum	Calcium Oxide (CaO)	ASTM C 471
39	CHEMICAL- ORES & MINERALS	Gypsum	Calcium Oxide (CaO)	IS 1288
40	CHEMICAL- ORES & MINERALS	Gypsum	Calcium Sulphate (CaSO ₄ 2H ₂ O)	ASTM C 471
41	CHEMICAL- ORES & MINERALS	Gypsum	Calcium Sulphate (CaSO ₄ 2H ₂ O)	IS 1288
42	CHEMICAL- ORES & MINERALS	Gypsum	Chloride (NaCl)	ASTM C 471
43	CHEMICAL- ORES & MINERALS	Gypsum	Chloride (NaCl)	IS 1288
44	CHEMICAL- ORES & MINERALS	Gypsum	Combined Water	ASTM C 471
45	CHEMICAL- ORES & MINERALS	Gypsum	Combined Water	IS 1288
46	CHEMICAL- ORES & MINERALS	Gypsum	Free water	ASTM C 471
47	CHEMICAL- ORES & MINERALS	Gypsum	Free water	IS 1288
48	CHEMICAL- ORES & MINERALS	Gypsum	Iron and Alumina (Fe ₂ O ₃ +Al ₂ O ₃)	ASTM C 471
49	CHEMICAL- ORES & MINERALS	Gypsum	Iron and Alumina (Fe ₂ O ₃ +Al ₂ O ₃)	IS 1288
50	CHEMICAL- ORES & MINERALS	Gypsum	Magnesium Oxide (MgO)	ASTM C 471
51	CHEMICAL- ORES & MINERALS	Gypsum	Magnesium Oxide (MgO)	IS 1288
52	CHEMICAL- ORES & MINERALS	Gypsum	Silica and acid insoluble	ASTM C 471
53	CHEMICAL- ORES & MINERALS	Gypsum	Silica and acid insoluble	IS 1288
54	CHEMICAL- ORES & MINERALS	Gypsum	Sulphuric anhydride (SO ₃)	ASTM C 471
55	CHEMICAL- ORES & MINERALS	Gypsum	Sulphuric anhydride (SO ₃)	IS 1288



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TCRC QUALITY CONTROLS LLP, 2ND &3RD FLOOR,SHIV INDUSTRIAL
ESTATE,K.V. BAL MUKUND MARG,CHINCHPOKLI (EAST), MUMBAI,
MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-6456

Page No

4 of 15

Validity

24/09/2024 to 23/09/2026

Last Amended on

05/11/2024

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
56	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Alumina (Al ₂ O ₃)	Indian Bureau of mines : 2012 1.2.1 EDTA Complexometric Back titration
57	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Alumina (Al ₂ O ₃)	IS 1493 (Part 1)
58	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Alumina (Al ₂ O ₃)	ISO 6830
59	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Calcium Oxide (CaO)	IS 1493
60	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Calcium Oxide (CaO)	ISO 11535
61	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Loss on Ignition (LOI)	ISO 11536
62	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Maganese (Mn)	ISO 11535
63	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Magnesium Oxide (MgO)	IS 1493
64	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Magnesium Oxide (MgO)	ISO 11535
65	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Moisture	IS 11690
66	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Patassium Oxide(K ₂ O)	SOP: TPM/TCRC/1/B1 (ICP-OES)
67	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Phosphorus (P)	IS 1493
68	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Phosphorus (P)	ISO 11535
69	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Phosphorus (P)	ISO 2599
70	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Silica (SiO ₂)	IS 1493
71	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Silica (SiO ₂)	ISO 2598-1
72	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Sodium Oxide (Na ₂ O)	SOP: TPM/TCRC/1/A1 (ICP-OES)
73	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Sulphur (S)	IS 1493
74	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Sulphur (S)	ISO 4689-1
75	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Titanium Oxide (TiO ₂)	ISO 11535

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



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TCRC QUALITY CONTROLS LLP, 2ND &3RD FLOOR,SHIV INDUSTRIAL
ESTATE,K.V. BAL MUKUND MARG,CHINCHPOKLI (EAST), MUMBAI,
MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-6456

Page No

5 of 15

Validity

24/09/2024 to 23/09/2026

Last Amended on

05/11/2024

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/Iron Pellets	Total Iron (Fe)	IS 1493
77	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Total Iron (Fe)	ISO 2597-1
78	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Transport moisture Limit	IMSBC Appendix 2,Flow table method
79	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Transport moisture Limit	IMSBC Appendix 2,Modified Proctor/Fagerberg method
80	CHEMICAL- ORES & MINERALS	Iron Ore/Iron Pellets	Zinc as (Zn)	SOP: TPM/TCRC/1/D1 (ICP-OES)
81	CHEMICAL- ORES & MINERALS	Limstone/Dolomite	Acid Insoluble	Indian Bureau of mines : Page 91
82	CHEMICAL- ORES & MINERALS	Limstone/Dolomite	Alumina (Al ₂ O ₃)	ASTM C 1301
83	CHEMICAL- ORES & MINERALS	Limstone/Dolomite	Calcium Oxide (CaO)	IS 1760 (Part 3)
84	CHEMICAL- ORES & MINERALS	Limstone/Dolomite	Ferric oxide (Fe ₂ O ₃)	ASTM C 1301
85	CHEMICAL- ORES & MINERALS	Limstone/Dolomite	Loss on Ignition (LOI)	IS 1760 (Part 3)
86	CHEMICAL- ORES & MINERALS	Limstone/Dolomite	Magnesium Oxide (MgO)	IS 1760 (Part 3)
87	CHEMICAL- ORES & MINERALS	Limstone/Dolomite	Moisture	IS 997
88	CHEMICAL- ORES & MINERALS	Limstone/Dolomite	Potassium oxide(K ₂ O)	ASTM C 1301
89	CHEMICAL- ORES & MINERALS	Limstone/Dolomite	Silica (SiO ₂)	IS 1760 (Part 2)
90	CHEMICAL- ORES & MINERALS	Limstone/Dolomite	Sodium Oxide (Na ₂ O)	ASTM C 1301
91	CHEMICAL- ORES & MINERALS	Manganese	Alumina (Al ₂ O ₃)	SOP: TPM/TCRC/5/A1 (ICP-OES)
92	CHEMICAL- ORES & MINERALS	Manganese	Manganese (Mn)	IS 1473
93	CHEMICAL- ORES & MINERALS	Manganese	Manganese di oxide (MnO ₂)	IS 1473
94	CHEMICAL- ORES & MINERALS	Manganese	Moisture	ISO 4299
95	CHEMICAL- ORES & MINERALS	Manganese	Phosphorus (P)	IS 1473



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TCRC QUALITY CONTROLS LLP, 2ND &3RD FLOOR,SHIV INDUSTRIAL
ESTATE,K.V. BAL MUKUND MARG,CHINCHPOKLI (EAST), MUMBAI,
MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-6456

Page No

6 of 15

Validity

24/09/2024 to 23/09/2026

Last Amended on

05/11/2024

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
96	CHEMICAL- ORES & MINERALS	Manganese	Silica (SiO ₂)	IS 1473
97	CHEMICAL- ORES & MINERALS	Manganese	Sulphur (S)	IS 1473
98	CHEMICAL- ORES & MINERALS	Manganese	Total Iron (Fe)	IS 1473
99	CHEMICAL- ORES & MINERALS	Manganese	Transport moisture Limit	IMSBC Appendix 2,Flow table method
100	CHEMICAL- ORES & MINERALS	Manganese	Transport moisture Limit	IMSBC Appendix 2,Modified Proctor/Fagerberg method
101	CHEMICAL- ORES & MINERALS	Quartz & High Silica	Alumina (Al ₂ O ₃)	SOP: TPM/TCRC/4/A1 (ICP-OES)
102	CHEMICAL- ORES & MINERALS	Quartz & High Silica	Calcium Oxide (CaO)	SOP: TPM/TCRC/4/D1 (ICP-OES)
103	CHEMICAL- ORES & MINERALS	Quartz & High Silica	Ferric oxide (Fe ₂ O ₃)	SOP: TPM/TCRC/4/B1 (ICP-OES)
104	CHEMICAL- ORES & MINERALS	Quartz & High Silica	Loss on Ignition (LOI)	IS 1917 (Part 1)
105	CHEMICAL- ORES & MINERALS	Quartz & High Silica	Magnesium Oxide (MgO)	SOP: TPM/TCRC/4/E1 (ICP-OES)
106	CHEMICAL- ORES & MINERALS	Quartz & High Silica	Moisture	TCRC/SOP/QTZ-HSS-Mois/4
107	CHEMICAL- ORES & MINERALS	Quartz & High Silica	Potassium oxide(K ₂ O)	IS 1917 (Part 2)
108	CHEMICAL- ORES & MINERALS	Quartz & High Silica	Silica (SiO ₂)	IS 1917 (Part 3)
109	CHEMICAL- ORES & MINERALS	Quartz & High Silica	Sodium Oxide (Na ₂ O)	IS 1917 (Part 2)
110	CHEMICAL- ORES & MINERALS	Quartz & High Silica	Titanium Oxide (TiO ₂)	SOP: TPM/TCRC/4/C1 (ICP-OES)
111	CHEMICAL- ORES & MINERALS	Rock Phosphate	Moisture	IS 11224
112	CHEMICAL- ORES & MINERALS	Rock Phosphate	Phosphorus (P ₂ O ₅)	IS 11224
113	CHEMICAL- ORES & MINERALS	Rock Phosphate	Silica (SiO ₂)	IS 11224
114	CHEMICAL- SOLID FUELS	Coal	Aluminum oxide (Al ₂ O ₃)	ASTM D 6349
115	CHEMICAL- SOLID FUELS	Coal	Aluminum oxide (Al ₂ O ₃)	IS 1355
116	CHEMICAL- SOLID FUELS	Coal	Ash (Air dry/As received/Dry/Equilibrated)	IS 1350 (Part 1)

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



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TCRC QUALITY CONTROLS LLP, 2ND &3RD FLOOR,SHIV INDUSTRIAL
ESTATE,K.V. BAL MUKUND MARG,CHINCHPOKLI (EAST), MUMBAI,
MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-6456

Page No

7 of 15

Validity

24/09/2024 to 23/09/2026

Last Amended on

05/11/2024

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
117	CHEMICAL- SOLID FUELS	Coal	Ash (Air dry/As received/Dry)	ISO 1171
118	CHEMICAL- SOLID FUELS	Coal	Ash(Air dry/As received/Dry)	ASTM D 3174
119	CHEMICAL- SOLID FUELS	Coal	Calcium oxide (CaO)	ASTM D 6349
120	CHEMICAL- SOLID FUELS	Coal	Calcium oxide (CaO)	IS 1355
121	CHEMICAL- SOLID FUELS	Coal	Carbon (C) [Air dry/As received/dry/Dry ash free]	ASTM D 5373
122	CHEMICAL- SOLID FUELS	Coal	Carbon (C) [Air dry/As received/dry/Dry ash free]	ISO 29541
123	CHEMICAL- SOLID FUELS	Coal	Crucible Swelling Number/Free swelling Index (CSN)	ASTM D720
124	CHEMICAL- SOLID FUELS	Coal	Crucible Swelling Number/Free swelling Index (CSN)	IS 1353 (Part 1)
125	CHEMICAL- SOLID FUELS	Coal	Crucible Swelling Number/Free swelling Index (CSN)	ISO 501
126	CHEMICAL- SOLID FUELS	Coal	Deformation Temperature in oxidising atmosphere (DT)	ASTM D 1857
127	CHEMICAL- SOLID FUELS	Coal	Deformation Temperature in oxidising atmosphere (DT)	IS 12891
128	CHEMICAL- SOLID FUELS	Coal	Deformation Temperature in oxidising atmosphere (DT)	ISO 540
129	CHEMICAL- SOLID FUELS	Coal	Deformation Temperature in reducing atmosphere (DT)	ASTM D 1857
130	CHEMICAL- SOLID FUELS	Coal	Deformation Temperature in reducing atmosphere (DT)	IS 12891
131	CHEMICAL- SOLID FUELS	Coal	Deformation Temperature in reducing atmosphere (DT)	ISO 540
132	CHEMICAL- SOLID FUELS	Coal	Equilibrated moisture	IS 1350 (Part 1)
133	CHEMICAL- SOLID FUELS	Coal	Ferric oxide(Fe ₂ O ₃)	ASTM D 6349
134	CHEMICAL- SOLID FUELS	Coal	Ferric oxide(Fe ₂ O ₃)	IS 1355
135	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon (Air dry/As received/Dry)	ASTM D 3172
136	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon (Air dry/As received/Dry)	ISO 17246
137	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon (Air dry/As received/Dry/Equilibrated)	IS 1350 (Part 1)
138	CHEMICAL- SOLID FUELS	Coal	Flow Temperature in oxidising atmosphere (FT)	ASTM D 1857
139	CHEMICAL- SOLID FUELS	Coal	Flow Temperature in oxidising atmosphere (FT)	IS 12891

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



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TCRC QUALITY CONTROLS LLP, 2ND & 3RD FLOOR, SHIV INDUSTRIAL ESTATE, K.V. BAL MUKUND MARG, CHINCHPOKLI (EAST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-6456

Page No

8 of 15

Validity

24/09/2024 to 23/09/2026

Last Amended on

05/11/2024

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
140	CHEMICAL- SOLID FUELS	Coal	Flow Temperature in oxidising atmosphere (FT)	ISO 540
141	CHEMICAL- SOLID FUELS	Coal	Flow Temperature in reducing atmosphere (FT)	ASTM D 1857
142	CHEMICAL- SOLID FUELS	Coal	Flow Temperature in reducing atmosphere (FT)	IS 12891
143	CHEMICAL- SOLID FUELS	Coal	Flow Temperature in reducing atmosphere (FT)	ISO 540
144	CHEMICAL- SOLID FUELS	Coal	Gross calorific Value (Air dry/As received/Dry)	ASTM D 5865
145	CHEMICAL- SOLID FUELS	Coal	Gross calorific Value (Air dry/As received/Dry)	ISO 1928
146	CHEMICAL- SOLID FUELS	Coal	Gross calorific Value (Air dry/As received/Dry/Equilibrated)	IS 1350 (Part 2)
147	CHEMICAL- SOLID FUELS	Coal	Hard groove grindability index (HGI)	ASTM D 409
148	CHEMICAL- SOLID FUELS	Coal	Hard groove grindability index (HGI)	IS 4433
149	CHEMICAL- SOLID FUELS	Coal	Hard groove grindability index (HGI)	ISO 5074
150	CHEMICAL- SOLID FUELS	Coal	Hemi sphere Temperature in oxidising atmosphere (HT)	ASTM D 1857
151	CHEMICAL- SOLID FUELS	Coal	Hemi sphere Temperature in oxidising atmosphere (HT)	IS 12891
152	CHEMICAL- SOLID FUELS	Coal	Hemi sphere Temperature in oxidising atmosphere (HT)	ISO 540
153	CHEMICAL- SOLID FUELS	Coal	Hemi sphere Temperature in reducing atmosphere (HT)	ASTM D 1857
154	CHEMICAL- SOLID FUELS	Coal	Hemi sphere Temperature in reducing atmosphere (HT)	IS 12891
155	CHEMICAL- SOLID FUELS	Coal	Hemi sphere Temperature in reducing atmosphere (HT)	ISO 540
156	CHEMICAL- SOLID FUELS	Coal	Hydrogen (H) [Air dry/As received/dry/Dry ash free]	ASTM D 5373
157	CHEMICAL- SOLID FUELS	Coal	Hydrogen (H) [Air dry/As received/dry/Dry ash free]	ISO 29541
158	CHEMICAL- SOLID FUELS	Coal	Magnesium oxide (MgO)	ASTM D 6349
159	CHEMICAL- SOLID FUELS	Coal	Magnesium oxide (MgO)	IS 1355
160	CHEMICAL- SOLID FUELS	Coal	Manganese oxide (Mn3O4)	ASTM D 6349

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



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TCRC QUALITY CONTROLS LLP, 2ND &3RD FLOOR,SHIV INDUSTRIAL
ESTATE,K.V. BAL MUKUND MARG,CHINCHPOKLI (EAST), MUMBAI,
MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-6456

Page No

9 of 15

Validity

24/09/2024 to 23/09/2026

Last Amended on

05/11/2024

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
161	CHEMICAL- SOLID FUELS	Coal	Manganese oxide (Mn3O4)	IS 1355
162	CHEMICAL- SOLID FUELS	Coal	Moisture (Air dry basis)	ASTM D 3173
163	CHEMICAL- SOLID FUELS	Coal	Moisture (Air dry basis)	IS 1350 (Part 1)
164	CHEMICAL- SOLID FUELS	Coal	Moisture (Air dry basis)	ISO 11722
165	CHEMICAL- SOLID FUELS	Coal	Net calorific Value (Air dry/As received/Dry)	ASTM D 5865
166	CHEMICAL- SOLID FUELS	Coal	Net calorific Value (Air dry/As received/Dry)	IS 1350 (Part 2)
167	CHEMICAL- SOLID FUELS	Coal	Net calorific Value (Air dry/As received/Dry)	ISO 1928
168	CHEMICAL- SOLID FUELS	Coal	Niickel (Ni)	ASTM D 6357
169	CHEMICAL- SOLID FUELS	Coal	Nitrogen (N) [Air dry/As received/dry/Dry ash free]	ASTM D 5373
170	CHEMICAL- SOLID FUELS	Coal	Nitrogen (N) [Air dry/As received/dry/Dry ash free]	ISO 29541
171	CHEMICAL- SOLID FUELS	Coal	Oxygen (O) [Air dry/As received/dry/Dry ash free]	ASTM D 3176
172	CHEMICAL- SOLID FUELS	Coal	Oxygen (O) {Air dry/As received/dry/Dry ash free]	ISO 29541
173	CHEMICAL- SOLID FUELS	Coal	Phosphorus (P)	IS 1355
174	CHEMICAL- SOLID FUELS	Coal	Phosphorus pentoxide (P2O5)	ASTM D 6349
175	CHEMICAL- SOLID FUELS	Coal	Phosphorus pentoxide (P2O5)	IS 1355
176	CHEMICAL- SOLID FUELS	Coal	Potassium Oxide (K2O)	ASTM D 6349
177	CHEMICAL- SOLID FUELS	Coal	Potassium Oxide (K2O)	IS 1355
178	CHEMICAL- SOLID FUELS	Coal	Silicon dioxide (SiO2)	ASTM D 6349
179	CHEMICAL- SOLID FUELS	Coal	Silicon dioxide (SiO2)	IS 1355
180	CHEMICAL- SOLID FUELS	Coal	Sodium oxide (Na2O)	ASTM D 6349
181	CHEMICAL- SOLID FUELS	Coal	Sodium oxide (Na2O)	IS 1355
182	CHEMICAL- SOLID FUELS	Coal	Sphere Temperature in oxidising atmosphere (ST)	ASTM D 1857
183	CHEMICAL- SOLID FUELS	Coal	Sphere Temperature in oxidising atmosphere (ST)	IS 12891
184	CHEMICAL- SOLID FUELS	Coal	Sphere Temperature in oxidising atmosphere (ST)	ISO 540
185	CHEMICAL- SOLID FUELS	Coal	Sphere Temperature in reducing atmosphere (ST)	ASTM D 1857



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TCRC QUALITY CONTROLS LLP, 2ND &3RD FLOOR,SHIV INDUSTRIAL
ESTATE,K.V. BAL MUKUND MARG,CHINCHPOKLI (EAST), MUMBAI,
MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-6456

Page No

10 of 15

Validity

24/09/2024 to 23/09/2026

Last Amended on

05/11/2024

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
186	CHEMICAL- SOLID FUELS	Coal	Sphere Temperature in reducing atmosphere (ST)	IS 12891
187	CHEMICAL- SOLID FUELS	Coal	Sphere Temperature in reducing atmosphere (ST)	ISO 540
188	CHEMICAL- SOLID FUELS	Coal	Sulphur trioxide (SO ₃)	ASTM D 6349
189	CHEMICAL- SOLID FUELS	Coal	Sulphur trioxide (SO ₃)	IS 1355
190	CHEMICAL- SOLID FUELS	Coal	Titanium Oxide (TiO ₂)	ASTM D 6349
191	CHEMICAL- SOLID FUELS	Coal	Titanium Oxide (TiO ₂)	IS 1355
192	CHEMICAL- SOLID FUELS	Coal	Total moisture (As received basis)	ASTM D 2961
193	CHEMICAL- SOLID FUELS	Coal	Total moisture (As received basis)	ASTM D 3302 M
194	CHEMICAL- SOLID FUELS	Coal	Total moisture (As received basis)	IS 1350 (Part 1)
195	CHEMICAL- SOLID FUELS	Coal	Total moisture (As received basis)	ISO 589
196	CHEMICAL- SOLID FUELS	Coal	Total Sulphur (Air dry / As received /dry basis)	ASTM D 4239
197	CHEMICAL- SOLID FUELS	Coal	Total Sulphur (Air dry / As received /dry basis)	IS 1350 (Part 3)
198	CHEMICAL- SOLID FUELS	Coal	Total Sulphur (Air dry / As received /dry basis)	ISO 19579
199	CHEMICAL- SOLID FUELS	Coal	Total Sulphur (Air dry / As received /dry basis)	ISO 334
200	CHEMICAL- SOLID FUELS	Coal	Transport moisture Limit	IMSBC Appendix 2,Flow table method
201	CHEMICAL- SOLID FUELS	Coal	Transport moisture Limit	IMSBC Appendix 2,Modified Proctor/Fagerberg method
202	CHEMICAL- SOLID FUELS	Coal	Vandium (V)	ASTM D 6357
203	CHEMICAL- SOLID FUELS	Coal	Volatile matter (Air dry/As received/Dry)	ASTM D 3175
204	CHEMICAL- SOLID FUELS	Coal	Volatile matter (Air dry/As received/Dry)	ISO 562
205	CHEMICAL- SOLID FUELS	Coal	Volatile matter (Air dry/As received/Dry/Equilibrated)	IS 1350 (Part 1)
206	CHEMICAL- SOLID FUELS	Coal	Zinc (Zn)	ASTM D 6357
207	CHEMICAL- SOLID FUELS	Coke	Aluminum oxide (Al ₂ O ₃)	ASTM D 6349
208	CHEMICAL- SOLID FUELS	Coke	Aluminum oxide (Al ₂ O ₃)	IS 1355



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TCRC QUALITY CONTROLS LLP, 2ND &3RD FLOOR,SHIV INDUSTRIAL ESTATE,K.V. BAL MUKUND MARG,CHINCHPOKLI (EAST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-6456

Page No

11 of 15

Validity

24/09/2024 to 23/09/2026

Last Amended on

05/11/2024

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
209	CHEMICAL- SOLID FUELS	Coke	Ash (Air dry/As received/Dry)	IS 1350 (Part 1)
210	CHEMICAL- SOLID FUELS	Coke	Ash (Air dry/As received/Dry)	ISO 1171
211	CHEMICAL- SOLID FUELS	Coke	Ash(Air dry/As received/Dry)	ASTM D 3174
212	CHEMICAL- SOLID FUELS	Coke	Calcium oxide (CaO)	ASTM D 6349
213	CHEMICAL- SOLID FUELS	Coke	Calcium oxide (CaO)	IS 1355
214	CHEMICAL- SOLID FUELS	Coke	Carbon (C) [Air dry/As received/dry/Dry ash free]	ASTM D 5373
215	CHEMICAL- SOLID FUELS	Coke	Carbon (C) [Air dry/As received/dry/Dry ash free]	ISO 29541
216	CHEMICAL- SOLID FUELS	Coke	Deformation Temperature in oxidising atmosphere (DT)	ASTM D 1857
217	CHEMICAL- SOLID FUELS	Coke	Deformation Temperature in oxidising atmosphere (DT)	IS 12891
218	CHEMICAL- SOLID FUELS	Coke	Deformation Temperature in oxidising atmosphere (DT)	ISO 540
219	CHEMICAL- SOLID FUELS	Coke	Deformation Temperature in reducing atmosphere (DT)	ASTM D 1857
220	CHEMICAL- SOLID FUELS	Coke	Deformation Temperature in reducing atmosphere (DT)	IS 12891
221	CHEMICAL- SOLID FUELS	Coke	Deformation Temperature in reducing atmosphere (DT)	ISO 540
222	CHEMICAL- SOLID FUELS	Coke	Ferric oxide(Fe ₂ O ₃)	ASTM D 6349
223	CHEMICAL- SOLID FUELS	Coke	Ferric oxide(Fe ₂ O ₃)	IS 1355
224	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon (Air dry/As received/Dry)	ASTM D 3172
225	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon (Air dry/As received/Dry)	IS 1350 (Part 1)
226	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon (Air dry/As received/Dry)	ISO 17246
227	CHEMICAL- SOLID FUELS	Coke	Flow Temperature in oxidising atmosphere (FT)	ASTM D 1857
228	CHEMICAL- SOLID FUELS	Coke	Flow Temperature in oxidising atmosphere (FT)	IS 12891
229	CHEMICAL- SOLID FUELS	Coke	Flow Temperature in oxidising atmosphere (FT)	ISO 540
230	CHEMICAL- SOLID FUELS	Coke	Flow Temperature in reducing atmosphere (FT)	ASTM D 1857
231	CHEMICAL- SOLID FUELS	Coke	Flow Temperature in reducing atmosphere (FT)	IS 12891

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



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TCRC QUALITY CONTROLS LLP, 2ND &3RD FLOOR,SHIV INDUSTRIAL ESTATE,K.V. BAL MUKUND MARG,CHINCHPOKLI (EAST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-6456

Page No

12 of 15

Validity

24/09/2024 to 23/09/2026

Last Amended on

05/11/2024

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
232	CHEMICAL- SOLID FUELS	Coke	Flow Temperature in reducing atmosphere (FT)	ISO 540
233	CHEMICAL- SOLID FUELS	Coke	Gross calorific Value (Air dry/As received/Dry)	ASTM D 5865
234	CHEMICAL- SOLID FUELS	Coke	Gross calorific Value (Air dry/As received/Dry)	IS 1350 (Part 2)
235	CHEMICAL- SOLID FUELS	Coke	Gross calorific Value (Air dry/As received/Dry)	ISO 1928
236	CHEMICAL- SOLID FUELS	Coke	Hemi sphere Temperature in oxidising atmosphere (HT)	ASTM D 1857
237	CHEMICAL- SOLID FUELS	Coke	Hemi sphere Temperature in oxidising atmosphere (HT)	IS 12891
238	CHEMICAL- SOLID FUELS	Coke	Hemi sphere Temperature in oxidising atmosphere (HT)	ISO 540
239	CHEMICAL- SOLID FUELS	Coke	Hemi sphere Temperature in reducing atmosphere (HT)	ASTM D 1857
240	CHEMICAL- SOLID FUELS	Coke	Hemi sphere Temperature in reducing atmosphere (HT)	IS 12891
241	CHEMICAL- SOLID FUELS	Coke	Hemi sphere Temperature in reducing atmosphere (HT)	ISO 540
242	CHEMICAL- SOLID FUELS	Coke	Hydrogen (H) [Air dry/As received/dry/Dry ash free]	ASTM D 5373
243	CHEMICAL- SOLID FUELS	Coke	Hydrogen (H) [Air dry/As received/dry/Dry ash free]	ISO 29541
244	CHEMICAL- SOLID FUELS	Coke	Magnesium oxide (MgO)	ASTM D 6349
245	CHEMICAL- SOLID FUELS	Coke	Magnesium oxide (MgO)	IS 1355
246	CHEMICAL- SOLID FUELS	Coke	Manganese oxide (Mn3O4)	ASTM D 6349
247	CHEMICAL- SOLID FUELS	Coke	Manganese oxide (Mn3O4)	IS 1355
248	CHEMICAL- SOLID FUELS	Coke	Moisture (Air dry basis)	ASTM D 3173
249	CHEMICAL- SOLID FUELS	Coke	Moisture (Air dry basis)	IS 1350 (Part 1)
250	CHEMICAL- SOLID FUELS	Coke	Moisture (Air dry basis)	ISO 687
251	CHEMICAL- SOLID FUELS	Coke	Net calorific Value (Air dry/As received/Dry)	ASTM D 5865
252	CHEMICAL- SOLID FUELS	Coke	Net calorific Value (Air dry/As received/Dry)	IS 1350 (Part 2)
253	CHEMICAL- SOLID FUELS	Coke	Net calorific Value (Air dry/As received/Dry)	ISO 1928
254	CHEMICAL- SOLID FUELS	Coke	Niickel (Ni)	ASTM D 6357



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TCRC QUALITY CONTROLS LLP, 2ND &3RD FLOOR,SHIV INDUSTRIAL
ESTATE,K.V. BAL MUKUND MARG,CHINCHPOKLI (EAST), MUMBAI,
MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-6456

Page No

13 of 15

Validity

24/09/2024 to 23/09/2026

Last Amended on

05/11/2024

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
255	CHEMICAL- SOLID FUELS	Coke	Nitrogen (N) [Air dry/As received/dry/Dry ash free]	ASTM D 5373
256	CHEMICAL- SOLID FUELS	Coke	Nitrogen (N) [Air dry/As received/dry/Dry ash free]	ISO 29541
257	CHEMICAL- SOLID FUELS	Coke	Oxygen (O) {Air dry/As received/dry/Dry ash free}	ASTM D 3176
258	CHEMICAL- SOLID FUELS	Coke	Oxygen (O) {Air dry/As received/dry/Dry ash free}	ISO 29541
259	CHEMICAL- SOLID FUELS	Coke	Phosphorus (P)	IS 1355
260	CHEMICAL- SOLID FUELS	Coke	Phosphorus pentoxide (P2O5)	ASTM D 6349
261	CHEMICAL- SOLID FUELS	Coke	Phosphorus pentoxide (P2O5)	IS 1355
262	CHEMICAL- SOLID FUELS	Coke	Potassium Oxide (K2O)	ASTM D 6349
263	CHEMICAL- SOLID FUELS	Coke	Potassium Oxide (K2O)	IS 1355
264	CHEMICAL- SOLID FUELS	Coke	Silicon dioxide (SiO2)	ASTM D 6349
265	CHEMICAL- SOLID FUELS	Coke	Silicon dioxide (SiO2)	IS 1355
266	CHEMICAL- SOLID FUELS	Coke	Sodium oxide (Na2O)	ASTM D 6349
267	CHEMICAL- SOLID FUELS	Coke	Sodium oxide (Na2O)	IS 1355
268	CHEMICAL- SOLID FUELS	Coke	Sphere Temperature in oxidising atmosphere (ST)	ASTM D 1857
269	CHEMICAL- SOLID FUELS	Coke	Sphere Temperature in oxidising atmosphere (ST)	IS 12891
270	CHEMICAL- SOLID FUELS	Coke	Sphere Temperature in oxidising atmosphere (ST)	ISO 540
271	CHEMICAL- SOLID FUELS	Coke	Sphere Temperature in reducing atmosphere (ST)	ASTM D 1857
272	CHEMICAL- SOLID FUELS	Coke	Sphere Temperature in reducing atmosphere (ST)	IS 12891
273	CHEMICAL- SOLID FUELS	Coke	Sphere Temperature in reducing atmosphere (ST)	ISO 540
274	CHEMICAL- SOLID FUELS	Coke	Sulphur trioxide (SO3)	ASTM D 6349
275	CHEMICAL- SOLID FUELS	Coke	Sulphur trioxide (SO3)	IS 1355
276	CHEMICAL- SOLID FUELS	Coke	Titanium Oxide (TiO2)	ASTM D 6349
277	CHEMICAL- SOLID FUELS	Coke	Titanium Oxide (TiO2)	IS 1355
278	CHEMICAL- SOLID FUELS	Coke	Total moisture (As received basis)	IS 1350 (Part 1)
279	CHEMICAL- SOLID FUELS	Coke	Total moisture (As received basis)	ISO 579



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TCRC QUALITY CONTROLS LLP, 2ND &3RD FLOOR,SHIV INDUSTRIAL ESTATE,K.V. BAL MUKUND MARG,CHINCHPOKLI (EAST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-6456

Page No

14 of 15

Validity

24/09/2024 to 23/09/2026

Last Amended on

05/11/2024

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
280	CHEMICAL- SOLID FUELS	Coke	Total Sulphur (Air dry / As received /dry basis)	ASTM D 4239
281	CHEMICAL- SOLID FUELS	Coke	Total Sulphur (Air dry / As received /dry basis)	IS 1350 (Part 3)
282	CHEMICAL- SOLID FUELS	Coke	Total Sulphur (Air dry / As received /dry basis)	ISO 19579
283	CHEMICAL- SOLID FUELS	Coke	Total Sulphur (Air dry / As received /dry basis)	ISO 334
284	CHEMICAL- SOLID FUELS	Coke	Vandium (V)	ASTM D 6357
285	CHEMICAL- SOLID FUELS	Coke	Volatile matter (Air dry/As received/Dry)	ASTM D 3175
286	CHEMICAL- SOLID FUELS	Coke	Volatile matter (Air dry/As received/Dry)	IS 1350 (Part 1)
287	CHEMICAL- SOLID FUELS	Coke	Volatile matter (Air dry/As received/Dry)	ISO 562
288	CHEMICAL- SOLID FUELS	Coke	Zinc (Zn)	ASTM D 6357
289	CHEMICAL- SOLID FUELS	Graphite	Ash (Air dry/As received/Dry)	IS 1305
290	CHEMICAL- SOLID FUELS	Graphite	Fixed Carbon (Air dry/As received/Dry)	IS 1305
291	CHEMICAL- SOLID FUELS	Graphite	Moisture (Air dry basis)	IS 1305
292	CHEMICAL- SOLID FUELS	Graphite	Non Graphitic Carbon	IS 1305
293	CHEMICAL- SOLID FUELS	Graphite	Sulphur	ISO 19579
294	CHEMICAL- SOLID FUELS	Graphite	Volatile matter (Air dry/As received/Dry)	IS 1305
295	CHEMICAL- SOLID FUELS	Pet coke	Ash (Air dry/As received/Dry)	IS 1448 (Part 126)
296	CHEMICAL- SOLID FUELS	Pet coke	Moisture (Air dry basis)	IS 1448 (Part 132)
297	CHEMICAL- SOLID FUELS	Pet coke	Total moisture (As received basis)	ASTM D 4931
298	CHEMICAL- SOLID FUELS	Pet coke	Volatile matter (Air dry/As received/Dry)	IS 1448 (Part 134)
299	CHEMICAL- SOLID FUELS	Solid biofuels	Ash (Air dry/As received/Dry)	ISO 18122
300	CHEMICAL- SOLID FUELS	Solid biofuels	Carbon (C) [Air dry/As received/dry/Dry ash free]	ISO 16948
301	CHEMICAL- SOLID FUELS	Solid biofuels	Fixed Carbon (Air dry/As received/Dry)	ISO 17246
302	CHEMICAL- SOLID FUELS	Solid biofuels	Gross calorific Value (Air dry/As received/Dry)	ISO 18125



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TCRC QUALITY CONTROLS LLP, 2ND &3RD FLOOR,SHIV INDUSTRIAL ESTATE,K.V. BAL MUKUND MARG,CHINCHPOKLI (EAST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6456

Validity 24/09/2024 to 23/09/2026

Page No 15 of 15

Last Amended on 05/11/2024

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
303	CHEMICAL- SOLID FUELS	Solid biofuels	Hydrogen (H) [Air dry/As received/dry/Dry ash free]	ISO 16948
304	CHEMICAL- SOLID FUELS	Solid biofuels	Moisture (Air dry basis)	ISO 18134-3
305	CHEMICAL- SOLID FUELS	Solid biofuels	Nitrogen (N) [Air dry/As received/dry/Dry ash free]	ISO 16948
306	CHEMICAL- SOLID FUELS	Solid biofuels	Oxygen (O) {Air dry/As received/dry/Dry ash free}	ISO 29541
307	CHEMICAL- SOLID FUELS	Solid biofuels	Total moisture (As received basis)	ISO 18134-1
308	CHEMICAL- SOLID FUELS	Solid biofuels	Total moisture (As received basis)	ISO 18134-2
309	CHEMICAL- SOLID FUELS	Solid biofuels	Total Sulphur (Air dry / As received /dry basis)	ISO 16994
310	CHEMICAL- SOLID FUELS	Solid biofuels	Volatile matter (Air dry/As received/Dry)	ISO 18123