



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TCRC INSPECTIONS PRIVATE LIMITED, 1ST & 2ND FLOOR RETROFIT HOUSE, 24-1-4 THOMSON STREET, GODARI WARD VILLAGE, MAHARANIPETA MANDAL, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12036

Page No

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Validity

31/07/2025 to 30/07/2029

Last Amended on

16/10/2025

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- ORES & MINERALS	Barytes	BaSO ₄	IS 7588
2	CHEMICAL- ORES & MINERALS	Barytes	Bulk Density	IS 2881
3	CHEMICAL- ORES & MINERALS	Barytes	Loss on Drying	IS 7588
4	CHEMICAL- ORES & MINERALS	Barytes	pH	IS 7588
5	CHEMICAL- ORES & MINERALS	Barytes	Silica as SiO ₂	IS 2881
6	CHEMICAL- ORES & MINERALS	Bauxite	Alumina as Al ₂ O ₃	IS 2000 (Part 3)
7	CHEMICAL- ORES & MINERALS	Bauxite	Iron as Fe ₂ O ₃	IS 2000 (Part 4)
8	CHEMICAL- ORES & MINERALS	Bauxite	Loss on Ignition	IS 2000 (Part 1)
9	CHEMICAL- ORES & MINERALS	Bauxite	Moisture	IS: 1999
10	CHEMICAL- ORES & MINERALS	Bauxite	Silica as SiO ₂	IS 2000(Part-2)
11	CHEMICAL- ORES & MINERALS	Dolomite	Alumina as Al ₂ O ₃	IS 1760 Part 3
12	CHEMICAL- ORES & MINERALS	Dolomite	Calcium Oxide as CaO	IS 1760 Part 3
13	CHEMICAL- ORES & MINERALS	Dolomite	Loss of Ignition	IS 1760 Part 1
14	CHEMICAL- ORES & MINERALS	Dolomite	Magnesium Oxide as MgO	IS 1760 Part 3
15	CHEMICAL- ORES & MINERALS	Dolomite	Silica as SiO ₂	IS 1760 Part 2
16	CHEMICAL- ORES & MINERALS	Gypsum	Calcium Oxide as CaO	IS :1288
17	CHEMICAL- ORES & MINERALS	Gypsum	Combined water	IS :1288
18	CHEMICAL- ORES & MINERALS	Gypsum	Free Water	IS :1288
19	CHEMICAL- ORES & MINERALS	Gypsum	Iron & Aluminum Oxides	IS 1288



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20	CHEMICAL- ORES & MINERALS	Gypsum	Magnesium Oxide as MgO	IS :1288
21	CHEMICAL- ORES & MINERALS	Gypsum	pH	IS 2720 (Part-26)
22	CHEMICAL- ORES & MINERALS	Gypsum	Purity as $CaSO_4 \cdot 2H_2O$	IS :1288
23	CHEMICAL- ORES & MINERALS	Gypsum	Silica & Insoluble Matter	IS :1288
24	CHEMICAL- ORES & MINERALS	Gypsum	Sodium Chloride as NaCl	IS :1288
25	CHEMICAL- ORES & MINERALS	Gypsum	Sulphur trioxide as SO_3	IS :1288
26	CHEMICAL- ORES & MINERALS	Iron Ore	Alumina as Al_2O_3	IS1493 (Part - I)
27	CHEMICAL- ORES & MINERALS	Iron Ore	Moisture	IS1493 (Part - I)
28	CHEMICAL- ORES & MINERALS	Iron Ore	Phosphorus as P	IS1493 (Part - I)
29	CHEMICAL- ORES & MINERALS	Iron ore	Silica as SiO_2	IS1493 (Part - I)
30	CHEMICAL- ORES & MINERALS	Iron Ore	Sulphur as S	IS 1493 (Part - I)
31	CHEMICAL- ORES & MINERALS	Iron Ore	Total Iron as Fe	IS 1493 (Part - I)
32	CHEMICAL- ORES & MINERALS	Iron Ore	Transportable Moisture Limit (Modified Proctor / Frgerberg)	IMSBC CODE (Appendix 2)
33	CHEMICAL- ORES & MINERALS	Iron ore	Transportable Moisture Limit (TML) / Flow Moisture Point (FMP)	IMSBC CODE (Appendix 2)
34	CHEMICAL- ORES & MINERALS	Lime stone	Alumina as Al_2O_3	IS 1760 Part 3
35	CHEMICAL- ORES & MINERALS	Lime stone	Calcium Oxide as CaO	IS 1760 Part 3
36	CHEMICAL- ORES & MINERALS	Lime stone	Loss on Ignition	IS 1760 Part 1
37	CHEMICAL- ORES & MINERALS	Lime stone	Magnesium Oxide as MgO	IS 1760 Part 3
38	CHEMICAL- ORES & MINERALS	Lime Stone	Silica as SiO_2	IS 1760 Part 2
39	CHEMICAL- ORES & MINERALS	Manganese ore	MnO_2	IS 1473

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



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40	CHEMICAL- ORES & MINERALS	Manganese ore	Phosphorus as P	IS 1473
41	CHEMICAL- ORES & MINERALS	Manganese Ores	Alumina as Al ₂ O ₃	IS 1473
42	CHEMICAL- ORES & MINERALS	Manganese Ores	Moisture	ISO 4299
43	CHEMICAL- ORES & MINERALS	Manganese Ores	Silica as SiO ₂	IS 1473
44	CHEMICAL- ORES & MINERALS	Manganese Ores	Total Iron as Fe	IS 1473
45	CHEMICAL- ORES & MINERALS	Manganese Ores	Total Manganese as Mn	IS 1473
46	CHEMICAL- ORES & MINERALS	Manganese ores	Total Manganese as Mn	ISO 4298
47	CHEMICAL- ORES & MINERALS	Quartzite/Quartz	Silica as SiO ₂	IS 1917(Part-3)
48	CHEMICAL- ORES & MINERALS	Quartzite/Quartz	Loss on Ignition	IS 1917 (Part -1)
49	CHEMICAL- ORES & MINERALS	Quartzite/Quartz	Potassium Oxide as K ₂ O	IS 1917 (Part- 2)
50	CHEMICAL- ORES & MINERALS	Quartzite/Quartz	Sodium Oxide as Na ₂ O	IS1917 (Part -2)
51	CHEMICAL- SOLID FUELS	Coal	Ash	ASTM D 3174
52	CHEMICAL- SOLID FUELS	Coal	Ash	IS 1350 (Part I)
53	CHEMICAL- SOLID FUELS	Coal	Ash	ISO 1171
54	CHEMICAL- SOLID FUELS	Coal	Coal Swelling Number	ASTM D720
55	CHEMICAL- SOLID FUELS	Coal	Coal Swelling Number	ISO 501
56	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	ASTM D 3172
57	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	IS 1350 (Part I)
58	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	ISO 17246
59	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	ASTM D 5865/5865 M
60	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	IS 1350 PART II
61	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	ISO 1928
62	CHEMICAL- SOLID FUELS	Coal	Moisture (as M)	IS 1350 (Part I)
63	CHEMICAL- SOLID FUELS	Coal	Moisture at 60% RH & 40 degree C	IS 1350 (Part I)
64	CHEMICAL- SOLID FUELS	Coal	Moisture in Analysis Sample	ASTMD3173/3173M 17a

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65	CHEMICAL- SOLID FUELS	Coal	Moisture in analysis sample	ISO 11722
66	CHEMICAL- SOLID FUELS	Coal	Sulphur	IS 1350 Part 3
67	CHEMICAL- SOLID FUELS	Coal	sulphur	ISO:334
68	CHEMICAL- SOLID FUELS	Coal	Total Moisture	ASTM D3302/D3302M
69	CHEMICAL- SOLID FUELS	Coal	Total Moisture	IS 1350 (Part I)
70	CHEMICAL- SOLID FUELS	coal	Total Moisture	ISO 589
71	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	ASTM D3175
72	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS 1350 (Part I)
73	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	ISO :562
74	CHEMICAL- SOLID FUELS	Coke	Ash	ASTM D3174
75	CHEMICAL- SOLID FUELS	coke	Ash	IS 1350 (Part I)
76	CHEMICAL- SOLID FUELS	Coke	Ash	ISO :1171
77	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon	ASTM D 3172
78	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon	IS 1350 (Part I)
79	CHEMICAL- SOLID FUELS	coke	Fixed Carbon	ISO :17246
80	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value	ASTM D 5865/5865 M
81	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value	IS 1350 Part II
82	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value	ISO 1928
83	CHEMICAL- SOLID FUELS	Coke	Micum Test(M-10)	ISO 556
84	CHEMICAL- SOLID FUELS	Coke	Micum Test(M-40)	ISO 556
85	CHEMICAL- SOLID FUELS	Coke	Sulphur	IS 1350 Part 3
86	CHEMICAL- SOLID FUELS	Coke	Sulphur	ISO 334
87	CHEMICAL- SOLID FUELS	Coke	Total Moisture	ISO :579
88	CHEMICAL- SOLID FUELS	coke	Volatile Matter	ASTM D 3175
89	CHEMICAL- SOLID FUELS	coke	Volatile Matter	IS 1350 (Part I)
90	CHEMICAL- SOLID FUELS	coke	Volatile Matter	ISO 562