National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SAIANS MARINE SERVICES PRIVATE LIMITED, PLOT NO. 1/573, BANKAPADA, ATHARBANKI, PARADIP, JAGATSINGHAPUR, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10402 **Page No** 1 of 3

Validity 11/03/2022 to 10/03/2024 **Last Amended on** -

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- ORES & MINERALS	Dolomite	Alumina	IS 1760 (Part 3)
2	CHEMICAL- ORES & MINERALS	Dolomite	Calcium oxide	IS 1760 (Part 3)
3	CHEMICAL- ORES & MINERALS	Dolomite	Loss of Ignition	IS 1760 (Part 1)
4	CHEMICAL- ORES & MINERALS	Dolomite	Magnesium Oxide	IS 1760 (Part 3)
5	CHEMICAL- ORES & MINERALS	Dolomite	Silica	IS 1760 (Part 2)
6	CHEMICAL- ORES & MINERALS	Iron ore	Alumina	IS 1493
7	CHEMICAL- ORES & MINERALS	Iron ore	Loss of Ignition	IBM Addenda 2
8	CHEMICAL- ORES & MINERALS	Iron Ore	Moisture	IS 1493
9	CHEMICAL- ORES & MINERALS	Iron ore	Phosphorus	IS 1493
10	CHEMICAL- ORES & MINERALS	Iron ore	Silica	IS 1493
11	CHEMICAL- ORES & MINERALS	Iron ore	Sulphur	IS 1493
12	CHEMICAL- ORES & MINERALS	Iron ore	Total Iron	IS 1493
13	CHEMICAL- ORES & MINERALS	Limestone	Alumina	IS 1760 (Part 3)
14	CHEMICAL- ORES & MINERALS	Limestone	Calcium Oxide	IS 1760 (Part 3)
15	CHEMICAL- ORES & MINERALS	Limestone	Loss of Ignition	IS 1760 (Part 1)
16	CHEMICAL- ORES & MINERALS	Limestone	Magnesium Oxide	IS 1760 (Part 3)
17	CHEMICAL- ORES & MINERALS	Limestone	Silica	IS 1760 (Part 2)
18	CHEMICAL- SOLID FUELS	Coal	Ash	ASTM D3174
19	CHEMICAL- SOLID FUELS	Coal	Ash	IS 1350 (Part-1)

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20	CHEMICAL- SOLID FUELS	Coal	Ash	ISO 1171
21	CHEMICAL- SOLID FUELS	Coal	Crucible Swelling Number	IS 1353
22	CHEMICAL- SOLID FUELS	Coal	Equilibrated Moisture	IS 1350 (Part 1)
23	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	ASTM D3172
24	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	IS 1350 (Part 1)
25	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	ISO 17246
26	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	ASTM D5865/ D5865M
27	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	IS 1350 (Part 2)
28	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	ISO 1928
29	CHEMICAL- SOLID FUELS	Coal	Hard Grove Grindability Index (HGI)	ASTM D409
30	CHEMICAL- SOLID FUELS	Coal	Hard Grove Grindability Index (HGI)	IS 1433
31	CHEMICAL- SOLID FUELS	Coal	Hard Grove Grindability Index (HGI)	ISO 5074
32	CHEMICAL- SOLID FUELS	Coal	Moisture	IS 1350 (Part-1)
33	CHEMICAL- SOLID FUELS	Coal	Moisture	ISO 11722
34	CHEMICAL- SOLID FUELS	Coal	Phosphorus	IS 1350 (Part 5)
35	CHEMICAL- SOLID FUELS	Coal	Sulphur	IS 1350 (Part 3)
36	CHEMICAL- SOLID FUELS	Coal	Sulphur	ISO 334
37	CHEMICAL- SOLID FUELS	Coal	Total Moisture	ASTM D3302/D3302M
38	CHEMICAL- SOLID FUELS	Coal	Total Moisture	IS 1350 (Part-1)
39	CHEMICAL- SOLID FUELS	Coal	Total Moisture	ISO 589
40	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	ASTM D3175
41	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS 1350 (Part 1)
42	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	ISO 562
43	CHEMICAL- SOLID FUELS	Coke	Ash	ASTM D3174
44	CHEMICAL- SOLID FUELS	Coke	Ash	IS 1350 (Part 1)
45	CHEMICAL- SOLID FUELS	Coke	Ash	ISO 1171
46	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon	ASTM D3172
47	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon	IS 1350 (Part 1)
48	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon	ISO 17246

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49	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value (GCV)	ASTM D5865
50	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value (GCV)	IS 1350 (Part 2)
51	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value (GCV)	ISO 1928
52	CHEMICAL- SOLID FUELS	Coke	Hard Grove Grindability Index (HGI)	ASTM D409
53	CHEMICAL- SOLID FUELS	Coke	Hard Grove Grindability Index (HGI)	IS 1433
54	CHEMICAL- SOLID FUELS	Coke	Hard Grove Grindability Index (HGI)	ISO 5074
55	CHEMICAL- SOLID FUELS	Coke	Moisture	IS 1350 (Part 1)
56	CHEMICAL- SOLID FUELS	Coke	Moisture	ISO 11722
57	CHEMICAL- SOLID FUELS	Coke	Sulphur	IS 1350 (Part 3)
58	CHEMICAL- SOLID FUELS	Coke	Sulphur	ISO 334
59	CHEMICAL- SOLID FUELS	Coke	Total Moisture	IS 1350 (Part 1)
60	CHEMICAL- SOLID FUELS	Coke	Total Moisture	ISO 579
61	CHEMICAL- SOLID FUELS	Coke	Volatile Matter	ASTM D3175
62	CHEMICAL- SOLID FUELS	Coke	Volatile Matter	IS 1350 (Part 1)
63	CHEMICAL- SOLID FUELS	Coke	Volatile Matter	ISO 562