National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GEO-CHEM LABORATORIES PVT. LTD.,BHUBANESWAR, PLOT NO. 211, SECTOR-A, ZONE-B,, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10614 **Page No** 1 of 2

Validity 14/05/2022 to 13/05/2024 **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- METALS & ALLOYS	FERRO MANGANESE	CARBON (C)	ASTM E 1019
2	CHEMICAL- METALS & ALLOYS	FERRO MANGANESE	MANGANESE (Mn)	IS 1559
3	CHEMICAL- METALS & ALLOYS	FERRO MANGANESE	PHOSPHOROUS (P)	IS 1559
4	CHEMICAL- METALS & ALLOYS	FERRO MANGANESE	SILICON (Si)	IS 1559
5	CHEMICAL- METALS & ALLOYS	FERRO MANGANESE	SULPHUR (S)	ASTM E 1019
6	CHEMICAL- ORES & MINERALS	IRON ORE	ALUMINA (Al2O3)	IS 1493 - 1
7	CHEMICAL- ORES & MINERALS	IRON ORE	measurement of Loss on Ignition (LOI)	IBM
8	CHEMICAL- ORES & MINERALS	IRON ORE	PHOSPHORUS (P)	IS 1493 - 1
9	CHEMICAL- ORES & MINERALS	IRON ORE	SILICA (SiO2)	IS 1493 - 1
10	CHEMICAL- ORES & MINERALS	IRON ORE	SULPHUR (S)	IS 1493 - 1
11	CHEMICAL- ORES & MINERALS	IRON ORE	TOTAL IRON (Fe)	IS 1493 - 1
12	CHEMICAL- ORES & MINERALS	IRON ORES	MOISTURE	IS 1493 (Part 1)
13	CHEMICAL- SOLID FUELS	COAL	ASH	ASTM D 3174
14	CHEMICAL- SOLID FUELS	COAL	ASH	IS 1350 PART 1
15	CHEMICAL- SOLID FUELS	COAL	ASH	ISO 1171
16	CHEMICAL- SOLID FUELS	COAL	FIXED CARBON	ASTM D 3172
17	CHEMICAL- SOLID FUELS	COAL	FIXED CARBON	IS 1350 PART 1
18	CHEMICAL- SOLID FUELS	COAL	GROSS CALORIFIC VALUE (GCV)	ASTM D 5865/D 5865M
19	CHEMICAL- SOLID FUELS	COAL	GROSS CALORIFIC VALUE (GCV)	IS 1350 PART 2
20	CHEMICAL- SOLID FUELS	COAL	Moisture on Air dry basis	ASTM D 3173
21	CHEMICAL- SOLID FUELS	COAL	Moisture on air dry basis	IS 1350 PART 1

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22	CHEMICAL- SOLID FUELS	COAL	Moisture on Air dry basis	ISO 687
23	CHEMICAL- SOLID FUELS	COAL	PHOSPHOROUS (P)	IS 1350 PART 5
24	CHEMICAL- SOLID FUELS	COAL	SULPHUR (S)	IS 1350 PART 3
25	CHEMICAL- SOLID FUELS	COAL	TOTAL MOISTURE (TM)	ASTM D 3302/3302M
26	CHEMICAL- SOLID FUELS	COAL	TOTAL MOISTURE (TM)	IS 1350 PART 1
27	CHEMICAL- SOLID FUELS	COAL	TOTAL MOISTURE (TM)	ISO 589
28	CHEMICAL- SOLID FUELS	COAL	VOLATILE MATTER (VM)	ASTM D 3175
29	CHEMICAL- SOLID FUELS	COAL	VOLATILE MATTER (VM)	IS 1350 PART 1
30	CHEMICAL- SOLID FUELS	COAL	VOLATILE MATTER (VM)	ISO 562
31	CHEMICAL- SOLID FUELS	COKE	ASH	ASTM D 3174
32	CHEMICAL- SOLID FUELS	COKE	ASH	IS 1350 PART 1
33	CHEMICAL- SOLID FUELS	COKE	ASH	ISO 1171
34	CHEMICAL- SOLID FUELS	COKE	FIXED CARBON	ASTM D 3172
35	CHEMICAL- SOLID FUELS	COKE	FIXED CARBON	IS 1350 (Part 1)
36	CHEMICAL- SOLID FUELS	COKE	GROSS CALORIFIC VALUE (GCV)	ASTM D 5865/D 5685M
37	CHEMICAL- SOLID FUELS	COKE	GROSS CALORIFIC VALUE (GCV)	IS 1350 part 2
38	CHEMICAL- SOLID FUELS	COKE	Moisture on Air dry basis	ASTM D 3173
39	CHEMICAL- SOLID FUELS	COKE	Moisture on Air dry basis	IS 1350 PART 1
40	CHEMICAL- SOLID FUELS	COKE	Moisture on Air dry basis	ISO 687
41	CHEMICAL- SOLID FUELS	COKE	PHOSPHOROUS (P)	IS 1350 PART 5
42	CHEMICAL- SOLID FUELS	COKE	SULPHUR (S)	IS 1350 PART 3
43	CHEMICAL- SOLID FUELS	COKE	TOTAL MOISTURE (TM)	IS 1350 PART 1
44	CHEMICAL- SOLID FUELS	COKE	TOTAL MOISTURE (TM)	ISO 579
45	CHEMICAL- SOLID FUELS	COKE	VOLATILE MATTER (VM)	ASTM D 3175
46	CHEMICAL- SOLID FUELS	COKE	VOLATILE MATTER (VM)	IS 1350 PART 1
47	CHEMICAL- SOLID FUELS	COKE	VOLATILE MATTER (VM)	ISO 562