



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name      BALTIC TESTING INDIA PRIVATE LIMITED, L3-31/NEW, B.B.T. ROAD, KOLKATA, WEST BENGAL , INDIA

Accreditation Standard      ISO/IEC 17025:2017

Certificate Number      TC-8553      Page No. :      1 / 4

Validity      28/06/2019 to 27/06/2021      Last Amended on      -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
<b>Permanent Facility</b>					
1	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Manganese(Mn)	IS 1559: 1961 RA 2018	50.0 % to 85.0 %
2	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Manganese(Mn)	ISO 4159: 1978	50.0 % to 85.0 %
3	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Phosphorus(P)	IS 1559: 1961 RA 2018	0.05 % to 0.50 %
4	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Silicon(Si)	IS 1559: 1961 RA 2018	0.10 % to 4.0 %
5	CHEMICAL- METALS & ALLOYS	Silico Manganese	Manganese(Mn)	IS 1559: 1961 RA 2018	45.0 % to 70.0 %
6	CHEMICAL- METALS & ALLOYS	Silico Manganese	Manganese(Mn)	ISO 4159: 1978	45.0 % to 70.0 %
7	CHEMICAL- METALS & ALLOYS	Silico Manganese	Phosphorus(P)	IS 1559: 1961 RA 2018	0.05 % to 0.5 %
8	CHEMICAL- METALS & ALLOYS	Silico Manganese	Silicon(Si)	IS 1559: 1961 RA 2018	10.0 % to 30.0 %
9	CHEMICAL- ORES & MINERALS	Bauxite	Alumina(Al <sub>2</sub> O <sub>3</sub> )	IS 2000 (Part 3): 1985 RA: 2017	30.00 % to 90.00 %
10	CHEMICAL- ORES & MINERALS	Bauxite	Ferric Oxide(Fe <sub>2</sub> O <sub>3</sub> )	IS 2000 (Part 4) 1985 RA: 2017	5.00 % to 25.00 %
11	CHEMICAL- ORES & MINERALS	Bauxite	Loss on Ignition (LOI)	IS 2000 (Part 1): 1985 RA: 2017	10.00 % to 30.00 %
12	CHEMICAL- ORES & MINERALS	Bauxite	Silica (SiO <sub>2</sub> )	IS 2000 (Part 2): 1985 RA: 2017	0.5 % to 10 %
13	CHEMICAL- ORES & MINERALS	Dolomite	Alumina (Al <sub>2</sub> O <sub>3</sub> )	IS 1760 (Part 3): 1992(RA2017)	0.1 % to 2.0 %



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14	CHEMICAL- ORES & MINERALS	Dolomite	Calcium Oxide (CaO)	IS 1760 (Part 3): 1992(RA2017)	20.0 % to 38.0 %
15	CHEMICAL- ORES & MINERALS	Dolomite	Loss on Ignition (LOI)	IS 1760 (Part 1): 1991(RA2017)	30.0 % to 47.0 %
16	CHEMICAL- ORES & MINERALS	Dolomite	Magnesium Oxide (MgO)	IS 1760 (Part 3): 1992(RA2017)	15.0 % to 28.0 %
17	CHEMICAL- ORES & MINERALS	Dolomite	Silica (SiO <sub>2</sub> )	IS 1760 (Part 2): 1991(RA 2017)	0.10 % to 10.0 %
18	CHEMICAL- ORES & MINERALS	Iron Ore (Lumps/Fines/Pellets)	Sulphur (S)	IS 1493 (Part 1): 1981(RA2016)	0.005 % to 0.3 %
19	CHEMICAL- ORES & MINERALS	Iron Ores (Lumps/Fines/Pellets)	Alumina(Al <sub>2</sub> O <sub>3</sub> )	IS 1493 (Part 1): 1981(RA2016)	0.5 % to 8.00 %
20	CHEMICAL- ORES & MINERALS	Iron Ores (Lumps/Fines/Pellets)	Moisture(M)	IS 1493 (Part 1): 1981(RA 2016)	1.00 % to 15.00 %
21	CHEMICAL- ORES & MINERALS	Iron Ores (Lumps/Fines/Pellets)	Phosphorus(P)	IS 1493 (Part 1): 1981(2016)	0.02 % to 0.5 %
22	CHEMICAL- ORES & MINERALS	Iron Ores (Lumps/Fines/Pellets)	Silica(SiO <sub>2</sub> )	IS 1493 (Part 1): 1981(RA2016)	0.5 % to 15 %
23	CHEMICAL- ORES & MINERALS	Iron Ores (Lumps/Fines/Pellets)	Total Iron(Fe)	IS 1493 (Part 1): 1981(RA2016)	45 % to 72 %
24	CHEMICAL- ORES & MINERALS	Lime Stone	Alumina (Al <sub>2</sub> O <sub>3</sub> )	IS 1760 (Part 3): 1992(RA2017)	0.2 % to 2.0 %
25	CHEMICAL- ORES & MINERALS	Lime Stone	Calcium Oxide (CaO)	IS 1760 (Part 3): 1992(RA2017)	32.0 % to 56.0 %
26	CHEMICAL- ORES & MINERALS	Lime Stone	Loss on Ignition (LOI)	IS 1760 (Part 1): 1991(RA2017)	25.00 % to 46.00 %
27	CHEMICAL- ORES & MINERALS	Lime Stone	Magnesium Oxide (MgO)	IS 1760 (Part 3): 1992(RA2017)	0.2 % to 52.0 %



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28	CHEMICAL- ORES & MINERALS	Lime Stone	Silica (SiO <sub>2</sub> )	IS 1760 (Part 2): 1991(RA2017)	0.1 % to 10.00 %
29	CHEMICAL- ORES & MINERALS	Manganese Ores	Alumina(Al <sub>2</sub> O <sub>3</sub> )	IS 1473: 2004(RA2016)	0.5 % to 10.00 %
30	CHEMICAL- ORES & MINERALS	Manganese Ores	Iron(Fe)	IS 1473: 2004(RA2016)	1.00 % to 30.00 %
31	CHEMICAL- ORES & MINERALS	Manganese ores	Manganese(Mn)	IS 1473: 2004(RA2016)	10.00 % to 60.00 %
32	CHEMICAL- ORES & MINERALS	Manganese Ores	Manganese(Mn)	ISO 4298: 1984	15 % to 60 %
33	CHEMICAL- ORES & MINERALS	Manganese Ores	Phosphorus(P)	IS 1473: 2004(2016)	0.02 % to 1.00 %
34	CHEMICAL- ORES & MINERALS	Manganese Ores	Silica(SiO <sub>2</sub> )	IS 1473: 2004(RA2016)	0.4 % to 15 %
35	CHEMICAL- SOLID FUELS	Coal	Ash	IS 1350 (Part 1): 1984(RA2013)	0.1 % to 60.0 %
36	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon (F.C)	IS 1350 (Part 1): 1984(RA2013)	25.0 % to 85.0 %
37	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value (GCV)	IS 1350 (Part 2): 2017	1800 KCal/kg to 7500 KCal/Kg
38	CHEMICAL- SOLID FUELS	Coal	Moisture (on air dry basis)	IS 1350 (Part 1): 1984(RA2013)	0.1 % to 20.0 %
39	CHEMICAL- SOLID FUELS	Coal	Total Moisture as TM (as receive basis)	IS 1350 (Part 1): 1984(RA2013)	1.0 % to 50.0 %
40	CHEMICAL- SOLID FUELS	Coal	Total Sulphur	IS 1350 (Part 3): 1969	0.1 % to 3.0 %
41	CHEMICAL- SOLID FUELS	Coal	Volatile Matter as VM	IS 1350 (Part 1): 1984(RA2013)	0.5 % to 48.0 %



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42	CHEMICAL- SOLID FUELS	Coke	Ash	IS 1350 (Part 1): 1984(RA2013)	0.1 % to 25.0 %
43	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon (FC)	IS 1350 (Part 1): 1984(RA2013)	25.0 % to 90.0 %
44	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value (GCV)	IS 1350 (Part 2): 2017	2500 KCal/Kg to 8500 KCal/Kg
45	CHEMICAL- SOLID FUELS	Coke	Moisture (on air dry basis)	IS 1350 (Part 1): 1984(RA2013)	0.1 % to 5.0 %
46	CHEMICAL- SOLID FUELS	Coke	Total Moisture as TM (as receive basis)	IS 1350 (Part 1): 1984(RA2013)	0.5 % to 15.0 %
47	CHEMICAL- SOLID FUELS	Coke	Total Sulphur	IS 1350 (Part 3): 1969	0.2 % to 7.0 %
48	CHEMICAL- SOLID FUELS	Coke	Volatile Matter (VM)	IS 1350 (Part 1): 1984(RA2013)	0.5 % to 12.0 %