# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** MITRA S.K. PRIVATE LIMITED, BARBIL LABORATORY, P.O. BARBIL, BARBIL, KEONJHAR, ODISHA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-8348 **Page No** 1 of 3

**Validity** 03/02/2022 to 02/02/2024 **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 (Al2O3) | IS 1760 (Part 3) |
| 2 | CHEMICAL- ORES & MINERALS | Dolomite | Calcium Oxide | IS 1760 (Part 3) |
| 3 | CHEMICAL- ORES & MINERALS | Dolomite | Loss on Ignition | IS 1760 (Part1) |
| 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 (Al2O3) | IS 1493 (Part 1) |
| 7 | CHEMICAL- ORES & MINERALS | Iron Ore | Ferrous Iron | ISO 9035 |
| 8 | CHEMICAL- ORES & MINERALS | Iron Ore | Loss on Ignition | IBM 2012 : Addenda 2 |
| 9 | CHEMICAL- ORES & MINERALS | Iron Ore | Loss on Ignition | SOP NO:MSK/BBL/Fe-01 |
| 10 | CHEMICAL- ORES & MINERALS | Iron Ore | Manganese | SOP No: MSK/BBL/Mn -01 |
| 11 | CHEMICAL- ORES & MINERALS | Iron Ore | Phosphorus (P) | IS 1493 (Part 1) |
| 12 | CHEMICAL- ORES & MINERALS | Iron Ore | Silica (SiO2) | IS 1493 (Part 1): |
| 13 | CHEMICAL- ORES & MINERALS | Iron Ore | Sulphur (S) | IS 1493 |
| 14 | CHEMICAL- ORES & MINERALS | Iron Ore | Total Iron (Fe) | IS 1493 (Part 1) |
| 15 | CHEMICAL- ORES & MINERALS | Iron Ore | Total Iron (Fe) | ISO 2597-1 |
| 16 | CHEMICAL- ORES & MINERALS | Iron Ore | Total Moisture | IS 1493 (Part 1) |
| 17 | CHEMICAL- ORES & MINERALS | Iron Ores | Bulk Density | ISO 3852 Method1 |
| 18 | CHEMICAL- ORES & MINERALS | Manganese | Manganese (Mn) | ISO 4298 |

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| 19 | CHEMICAL- ORES & MINERALS | Manganese Ore | Alumina | IS 1473 |
| 20 | CHEMICAL- ORES & MINERALS | Manganese Ore | Manganese (Mn) | IS 1473 |
| 21 | CHEMICAL- ORES & MINERALS | Manganese Ore | Manganese Dioxide (MnO2) | IS 1473 |
| 22 | CHEMICAL- ORES & MINERALS | Manganese Ore | Phosphorus | IS 1473 |
| 23 | CHEMICAL- ORES & MINERALS | Manganese Ore | Silica | IS 1473 |
| 24 | CHEMICAL- ORES & MINERALS | Manganese Ore | Total Iron (Fe) | IS 1473 |
| 25 | CHEMICAL- SOLID FUELS | Coal | Ash | IS 1350 (Part 1) |
| 26 | CHEMICAL- SOLID FUELS | Coal | Equilibrated Moisture at 60%RH & 40 degC | IS 1350 (Part 1) |
| 27 | CHEMICAL- SOLID FUELS | Coal | Fixed Carbon ( By Difference) | IS 1350 (Part I) |
| 28 | CHEMICAL- SOLID FUELS | Coal | Moisture on Air Dry basis | IS 1350 (Part 1) |
| 29 | CHEMICAL- SOLID FUELS | Coal | Phosphorus | IS 1350 (Part 5) |
| 30 | CHEMICAL- SOLID FUELS | Coal | Sulphur | IS 1350 (part 3) |
| 31 | CHEMICAL- SOLID FUELS | Coal | Sulphur | ISO 334 |
| 32 | CHEMICAL- SOLID FUELS | Coal | Total Moisture | IS 1350 (Part 1) |
| 33 | CHEMICAL- SOLID FUELS | Coal | Volatile Matter | IS 1350 (Part 1) |
| 34 | CHEMICAL- SOLID FUELS | Coke | Ash | IS 1350 (Part 1) |
| 35 | CHEMICAL- SOLID FUELS | Coke | Fixed Carbon (By Difference) | IS 1350 (Part I) |
| 36 | CHEMICAL- SOLID FUELS | Coke | Moisture on Air Dry Basis | IS 1350 (Part 1) |
| 37 | CHEMICAL- SOLID FUELS | Coke | Phosphorus | IS 1350(Part 5) |
| 38 | CHEMICAL- SOLID FUELS | Coke | Sulphur | IS 1350 (part 3) |
| 39 | CHEMICAL- SOLID FUELS | Coke | Sulphur | ISO 334 |
| 40 | CHEMICAL- SOLID FUELS | Coke | Total moisture | IS 1350 (Part 1) |
| 41 | CHEMICAL- SOLID FUELS | Coke | Volatile matter | IS 1350 (Part 1) |

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|---|---|---|---|---|
| Site Facility | | | | |
| 1 | CHEMICAL- ORES & MINERALS | Iron Ore | Bulk Density | ISO 3852 Method 1 |