National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CHEMICAL LABORATORY, NMDC LIMITED, BIOM-BACHELI COMPLEX, BADE BACHELI, DANTEWADA, CHHATTISGARH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6660 **Page No** 1 of 1

Validity 10/05/2022 to 09/05/2024 **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- ORES & MINERALS	Iron Ore	Al2O3(Alumina)	IS:1493 (Part I) (Wet Chemical Analysis)
2	CHEMICAL- ORES & MINERALS	Iron Ore	Alumina(Al2O3)	NMDC/SOP/IO/03 (EDTA-Titrimetric Method)
3	CHEMICAL- ORES & MINERALS	Iron Ore	LOI	NMDC/SOP/IO/04 (Gravimetric)
4	CHEMICAL- ORES & MINERALS	Iron Ore	LOI (Loss on Ignition)	NMDC/SOP/IO/04 (Wet Chemical Analysis)
5	CHEMICAL- ORES & MINERALS	Iron Ore	P (Phosphorus)	IS:1493(Part-I) (Wet Chemical Analysis)
6	CHEMICAL- ORES & MINERALS	Iron Ore	Silica(SiO2)	NMDC/SOP/IO/02 (Gravimetric-Volatilization with Hydrofluoric Acid)
7	CHEMICAL- ORES & MINERALS	Iron Ore	SiO2 (Silica)	IS:1493 (Part-I) (Wet Chemical Analysis)
8	CHEMICAL- ORES & MINERALS	Iron Ore	Total Iron	IS 1493(PartI) (WET CHEMICAL ANALYSIS, REDOX TITRATION)
9	CHEMICAL- ORES & MINERALS	Iron Ore	Total Iron	NMDC /SOP/IO/01, issue no.3 (Redox Titration)
10	CHEMICAL- ORES & MINERALS	Iron Ore	Total Moisture	IS:1493 (Part-I) (Wet Chemical Analysis)
11	CHEMICAL- ORES & MINERALS	Iron Ore	Total Moisture	NMDC/SOP/IO/07
12	CHEMICAL- ORES & MINERALS	Iron Ores	P (Phosphorous)	NMDC/SOP/IO/05 (Molybdate alkalimetric Method)