National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : NRD- CHEMICAL LABORATORY,TATA STEEL LIMITED, FERRO ALLOY PLANT, JODA, KENDUJHAR, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7595 **Page No** 1 of 1

Validity 25/07/2021 to 24/07/2023 **Last Amended on** 02/08/2021

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 as C	TSL/LAB/SOP/O3 (C&S Analyzer)
2	CHEMICAL- METALS & ALLOYS	FERRO MANGANESE	Iron as Fe	TSL/LAB/SOP/02 (ICP SPECTROMETRY)
3	CHEMICAL- METALS & ALLOYS	FERRO MANGANESE	Manganese as Mn	TSL/LAB/SOP/02 (ICP SPECTROMETRY)
4	CHEMICAL- METALS & ALLOYS	FERRO MANGANESE	Phosphorus as P	TSL/LAB/SOP/02 (ICP SPECTROMETRY)
5	CHEMICAL- METALS & ALLOYS	FERRO MANGANESE	Silicon as Si	TSL/LAB/SOP/02 (ICP SPECTROMETRY)
6	CHEMICAL- METALS & ALLOYS	FERRO MANGANESE	Sulfur as S	TSL/LAB/SOP/O3 (C&S Analyzer)
7	CHEMICAL- ORES & MINERALS	Manganese ores	Alumina as Al2O3	TSL/LAB/SOP/01(ICP SPECTROMETRY)
8	CHEMICAL- ORES & MINERALS	Manganese ores	Calcium oxide as CaO	TSL/LAB/SOP/01 (ICP SPECTROMETRY)
9	CHEMICAL- ORES & MINERALS	Manganese ores	Iron as Fe	TSL/LAB/SOP/01 (ICP SPECTROMETRY)
10	CHEMICAL- ORES & MINERALS	Manganese ores	Magnesium oxide as MgO	TSL/LAB/SOP/01 (ICP SPECTROMETRY)
11	CHEMICAL- ORES & MINERALS	Manganese ores	Manganese as Mn	TSL/LAB/SOP/01 (ICP SPECTROMETRY)
12	CHEMICAL- ORES & MINERALS	Manganese ores	Phosphorus as P	TSL/LAB/SOP/01 (ICP SPECTROMETRY)
13	CHEMICAL- ORES & MINERALS	Manganese ores	Potassium oxide as K2O	TSL/LAB/SOP/01 (ICP SPECTROMETRY)
14	CHEMICAL- ORES & MINERALS	Manganese ores	Silica as SiO2	TSL/LAB/SOP/01 (ICP SPECTROMETRY)
15	CHEMICAL- ORES & MINERALS	Manganese ores	Sulfur as S	TSL/LAB/SOP/01 (ICP SPECTROMETRY)
16	CHEMICAL- ORES & MINERALS	Manganese ores	Titanium oxide as TiO2	TTSL/LAB/SOP/01 (ICP SPECTROMETRY)