National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SMELTER TECHNICAL LABORATORY, HINDALCO INDUSTRIES LIMITED, UNIT: MAHAN ALUMINIUM, HINDALCO INDUSTRIES LIMITED, SINGRAULI, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7306 **Page No** 1 of 2

Validity 28/05/2023 to 27/05/2025 **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	Aluminium & its alloys	Boron	ASTM E1251
2	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Calcium	ASTM E1251
3	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Chromium	ASTM E1251
4	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Copper	ASTM E1251
5	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Gallium	ASTM E1251
6	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Iron	ASTM E1251
7	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Lead	ASTM E1251
8	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Magnesium	ASTM E1251
9	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Manganese	ASTM E1251
10	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Nickel	ASTM E1251
11	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Silicon	ASTM E1251
12	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Sodium	ASTM E1251
13	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Strontium	ASTM E1251
14	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Titanium	ASTM E1251
15	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Vanadium	ASTM E1251
16	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zinc	ASTM E1251
17	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zirconium	ASTM E1251
18	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Electrical Materials Bar Conductors	Conductivity % IACS	ASTM B193

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19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials - Tensile Testing	Elongation %	IS1608 (Part 1)
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials - Tensile Testing	Ultimate tensile strength	IS1608 (Part 1)
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mettalic material-Tensile Test	Yield Strength	IS 1608 (Part 1)