National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PHYSICAL TESTING LABORATORY, HINDALCO INDUSTRIES LIMITED, P.O. RENUKUT, RENUKUT, SONBHADRA, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5144 **Page No** 1 of 3

Validity 03/03/2023 to 02/03/2025 **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 and its alloy	Titanium	ASTM E1251
2	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Boron	ASTM E1251
3	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Boron	BS EN 14726
4	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Calcium	ASTM E1251
5	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Calcium	BS EN 14726
6	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Chromium	ASTM E1251
7	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Chromium	BS EN 14726
8	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Copper	ASTM E1251
9	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Copper	BS EN 14726
10	CHEMICAL- METALS & ALLOYS	Aluminium and its Alloys	Iron	ASTM E1251
11	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Iron	BS EN 14726
12	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Magnesium	ASTM E1251
13	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Magnesium	BS EN 14726
14	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Manganese	ASTM E1251
15	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Manganese	BS EN 14726
16	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Silicon	ASTM E1251
17	CHEMICAL- METALS & ALLOYS	Aluminium and its Alloys	Silicon	BS EN 14726
18	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Sodium	ASTM E1251

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19	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Sodium	BS EN 14726
20	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Titanium	BS EN 14726
21	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Vanadium	ASTM E1251
22	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Vanadium	BS EN 14726
23	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Zinc	ASTM E1251
24	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Zinc	BS EN 14726
25	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Zirconium	ASTM E1251
26	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Zirconium	BS EN 14726
27	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wrought Aluminium and Aluminium Alloy Sheets, Bars, Rods and Sections	0.2% Proof Stress	ISO 6892-1
28	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wrought Aluminium and Aluminium Alloy Sheets, Bars, Rods and Sections	Elongation	ISO 6892-1
29	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wrought Aluminium and Aluminium Alloy Sheets, Bars, Rods and Sections	Ultimate Tensile Strength (UTS)	ISO 6892-1
30	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wrought Aluminium and Aluminium Alloy Sheets, Bars, Rods and Sections	0.2% Proof Stress	ASTM B557M
31	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wrought Aluminium and Aluminium Alloy Sheets, Bars, Rods and Sections	0.2% Proof Stress	IS 1608 (Part 1)
32	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wrought Aluminium and Aluminium Alloy Sheets, Bars, Rods and Sections	Bend Test	IS 1599
33	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wrought Aluminium and Aluminium Alloy Sheets, Bars, Rods and Sections	Elongation	ASTM B557M
34	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wrought Aluminium and Aluminium Alloy Sheets, Bars, Rods and Sections	Elongation	IS 1608 (Part 1)

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35	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wrought Aluminium and Aluminium Alloy Sheets, Bars, Rods and Sections	Rockwell Hardness Test (HRBW)	IS 1586 (Part 1)
36	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wrought Aluminium and Aluminium Alloy Sheets, Bars, Rods and Sections	Ultimate Tensile Strength (UTS)	ASTM B557M
37	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wrought Aluminium and Aluminium Alloy Sheets, Bars, Rods and Sections	Ultimate Tensile Strength (UTS)	IS 1608 (Part 1)