National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : LABORATORIES OF HINDALCO INDUSTRIES LIMITED, UNIT: BIRLA COPPER, PO: DAHEJ, TA: VAGRA, BHARUCH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10484 **Page No** 1 of 2

Validity 05/04/2022 to 04/04/2024 **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- METALS & ALLOYS	Copper Cathode & Copper Rod	Antimony	BS EN 15079
2	CHEMICAL- METALS & ALLOYS	Copper Cathode and Copper Rod	Arsenic	BS EN 15079
3	CHEMICAL- METALS & ALLOYS	Copper Cathode and Copper Rod	Bismuth	BS EN 15079
4	CHEMICAL- METALS & ALLOYS	Copper Cathode and Copper Rod	Copper (As remainder)	BS EN 15079
5	CHEMICAL- METALS & ALLOYS	Copper Cathode and Copper Rod	Iron	BS EN 15079
6	CHEMICAL- METALS & ALLOYS	Copper Cathode and Copper Rod	Lead	BS EN 15079
7	CHEMICAL- METALS & ALLOYS	Copper Cathode and Copper Rod	Nickel	BS EN 15079
8	CHEMICAL- METALS & ALLOYS	Copper Cathode and Copper Rod	Silver	BS EN 15079
9	CHEMICAL- METALS & ALLOYS	Copper Cathode and Copper Rod	Sulphur	BS EN 15079
10	CHEMICAL- METALS & ALLOYS	Copper Cathode and Copper Rod	Tellurium	BS EN 15079
11	CHEMICAL- METALS & ALLOYS	Copper Cathode and Copper Rod	Tin	BS EN 15079
12	CHEMICAL- METALS & ALLOYS	Copper Cathodes & Copper Rods	Selenium	BS EN 15079
13	CHEMICAL- METALS & ALLOYS	Copper Rod	Oxygen	ASTM B 2575
14	CHEMICAL- METALS & ALLOYS	Copper Rod	Surface Oxide	ASTM B 49 Para 13.5
15	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Electrical Conductor Material	Electrical Conductivity	ASTM B 193
16	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper Rod	Diameter	ASTM B 49 (In house Test Method - LAB/QLT/WI/07)
17	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper Rod	Elongation	ASTM E8/E8M

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18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Rod	Tensile Strength	ASTM E8/E8M