National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CCR QA/QC LABORATORY-BIRLA COPPER ASOJ PRIVATE LIMITED, SURVEY NO. 21 , VILLAGE - ASOJ, VADODARA - HALOL HIGHWAY,TA - WAGHODIA, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9167 **Page No** 1 of 2

Validity 22/12/2022 to 21/12/2024 **Last Amended on** 11/02/2023

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 Rod (Continuous Cast Copper wire Rod	Sulphur (S)	BS EN 15079
2	CHEMICAL- METALS & ALLOYS	Copper Rod (Continuous Cast Copper wire Rod)	Antimony (Sb)	BS EN 15079
3	CHEMICAL- METALS & ALLOYS	Copper Rod (Continuous Cast Copper wire Rod)	Arsenic (As)	BS EN 15079
4	CHEMICAL- METALS & ALLOYS	Copper Rod (Continuous Cast Copper wire Rod)	Bismuth (Bi)	BS EN 15079
5	CHEMICAL- METALS & ALLOYS	Copper Rod (Continuous Cast Copper wire Rod)	Copper (Cu) %	IS 440
6	CHEMICAL- METALS & ALLOYS	Copper Rod (Continuous Cast Copper wire Rod)	Determination of thickness Surface Oxide on copper Rods	ASTM B49
7	CHEMICAL- METALS & ALLOYS	Copper Rod (Continuous Cast Copper wire Rod)	Iron (Fe)	BS EN 15079
8	CHEMICAL- METALS & ALLOYS	Copper Rod (Continuous Cast Copper wire Rod)	Lead (Pb)	BS EN 15079
9	CHEMICAL- METALS & ALLOYS	Copper Rod (Continuous Cast Copper wire Rod)	Nickel (Ni)	BS EN 15079
10	CHEMICAL- METALS & ALLOYS	Copper Rod (Continuous Cast Copper wire Rod)	Oxygen(O2)	ASTM E2575
11	CHEMICAL- METALS & ALLOYS	Copper Rod (Continuous Cast Copper wire Rod)	Selenium (Se)	BS EN 15079
12	CHEMICAL- METALS & ALLOYS	Copper Rod (Continuous Cast Copper wire Rod)	Silver (Ag)	BS EN 15079
13	CHEMICAL- METALS & ALLOYS	Copper Rod (Continuous Cast Copper wire Rod)	Tellurium (Te)	BS EN 15079
14	CHEMICAL- METALS & ALLOYS	Copper Rod (Continuous Cast Copper wire Rod)	Tin (Sn)	BS EN 15079
15	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Copper Rod (Continuous Cast Copper wire Rod)	Electrical Conductivity	ASTM B193
16	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper Rod (Continuous Cast Copper wire Rod)	Elongation (%)	ASTM E8/E8M
17	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper Rod (Continuous Cast Copper wire Rod)	Diameter (mm)	ASTM B49

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18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Rod (Continuous Cast Copper wire Rod)	Tensile Strength (Mpa)	ASTM E8/E8M