National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TESTING LAB, MULTIMETALS LTD., HEAVY INDUSTRIAL AREA, KANSUA ROAD, KOTA, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6300 **Page No** 1 of 3

Validity 21/11/2022 to 20/11/2024 **Last Amended on** 02/12/2022

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 Base Alloy	Aluminium	BS EN 15079
2	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Antimony	BS EN 15079
3	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Arsenic	BS EN 15079
4	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Berilium	BS EN 15079
5	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Bismuth	BS EN 15079
6	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Boron	BS EN 15079
7	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Cadmium	BS EN 15079
8	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Carbon	BS EN 15079
9	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Chromium	BS EN 15079
10	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Cobalt	BS EN 15079
11	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Copper by Electrolysis Method	IS 440 cl. 4.5
12	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Iron	BS EN 15079
13	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Lead	BS EN 15079
14	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Magnesium	BS EN 15079
15	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Nickel	BS EN 15079
16	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Phosphorus	BS EN 15079
17	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Selenium	BS EN 15079
18	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Silicon	BS EN 15079

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19	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Sulphur	BS EN 15079
20	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Tellurium	BS EN 15079
21	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Tin	BS EN 15079
22	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Titanium	BS EN 15079
23	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Zinc	BS EN 15079
24	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material (Copper & Copper Alloy)	% Elongation	ASTM E8/8M
25	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material (Copper & Copper Alloy)	Bend Test 180 degree / 90 degree	JSS 4710
26	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material (Copper & Copper Alloy)	Expansion / Flaring	ASTM B 153
27	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material (Copper & Copper Alloy)	Flattening	ASTM B 111
28	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material (Copper & Copper Alloy)	Hardness Vickers HV-5	IS 1501 (Part 1)
29	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material (Copper & Copper Alloy)	Mercurous Nitrate Test / Stress Corrosion Test	ASTM B 154
30	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material (Copper & Copper Alloy)	Proof Strength (0.2%,0.5%,1.0%)	ASTM E8/8M
31	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material (Copper & Copper Alloy)	Rockwell Hardness HR15T(W)	IS 1586 (Part 1)
32	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material (Copper & Copper Alloy)	Rockwell Hardness HR30T(W)	IS 1586 (Part 1)
33	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material (Copper & Copper Alloy)	Tensile Strength	ASTM E8/8M

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34	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material (Copper & Copper Alloy)	Yield Strength	ASTM E8/8M
35	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material (Copper & Copper Alloy)	Ammonia Vapour Test	ASTM B 858
36	MECHANICAL-METALLOGRAPHY TEST	Metallic Material (Copper & Copper Alloy)	Estimation of average grain size by comparison Method	ASTM E 112