National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INDOFAB METPRO ENGINEERS LLP LAB, SURVEY NO. 112, DOMMARAPOCHAMPALLY, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11106 **Page No** 1 of 3

Validity 31/10/2022 to 30/10/2024 **Last Amended on** 20/06/2023

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	Brass (Bars, Rods, Sections and Other Extruded Products)	Iron	IFE/CHEM/SOP/Cu Issue No. 01 Issue Date 01.11.2022
2	CHEMICAL- METALS & ALLOYS	Brass (Bars, Rods, Sections and Other Extruded Products)	Lead	IFE/CHEM/SOP/Cu Issue No. 01 Issue Date 01.11.2022
3	CHEMICAL- METALS & ALLOYS	Brass (Bars, Rods, Sections and Other Extruded Products)	Manganese	IFE/CHEM/SOP/Cu Issue No. 01 Issue Date 01.11.2022
4	CHEMICAL- METALS & ALLOYS	Brass (Bars, Rods, Sections and Other Extruded Products)	Nickel	IFE/CHEM/SOP/Cu Issue No. 01 Issue Date 01.11.2022
5	CHEMICAL- METALS & ALLOYS	Brass (Bars, Rods, Sections and Other Extruded Products)	Tin	IFE/CHEM/SOP/Cu Issue No. 01 Issue Date 01.11.2022
6	CHEMICAL- METALS & ALLOYS	Brass (Bars, Rods, Sections and Other Extruded Products)	Zinc	IFE/CHEM/SOP/Cu Issue No. 01 Issue Date 01.11.2022
7	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Aluminium as Al	BS EN 15079
8	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Antimony as Sb	BS EN 15079
9	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Bismuth as Bi	BS EN 15079
10	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Chromium as Cr	BS EN 15079
11	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Cobalt as Co	BS EN 15079
12	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Iron as Fe	BS EN 15079
13	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Lead as Pb	BS EN 15079
14	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Manganese as Mn	BS EN 15079
15	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Nickel as Ni	BS EN 15079
16	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Silicon as Si	BS EN 15079
17	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Tin as Sn	BS EN 15079
18	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Zinc as Zn	BS EN 15079

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Accreditation Standard ISO/IEC 17025:2017

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Validity 31/10/2022 to 30/10/2024 **Last Amended on** 20/06/2023

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
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	% Elongation	IS 1608 (Part 1)
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	% Elongation	ISO 6892 (Part 1)
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	% Reduction of Area	IS 1608 (Part 1)
22	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	% Reduction of Area	ISO 6892 (Part 1)
23	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	0.2% Proof Stress	IS 1608 (Part 1)
24	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	0.2% Proof Stress	ISO 6892 (Part 1)
25	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Brinell Hardness Test (HBW 2.5/62.5)	IS 1500 (Part 1)
26	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Izod Impact Test	IS 1598
27	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Rockwell Hardness (HRB)	IS 1586 (Part 1)
28	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Tensile Strength	IS 1608 (Part 1)
29	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Tensile Strength	ISO 6892 (Part 1)
30	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Vickers Hardness	IS 1501 (Part 1)
31	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Yield Strength	IS 1608 (Part 1)
32	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Yield Strength	ISO 6892 (Part 1)

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Laboratory Name :	INDOFAB METPRO ENGINEERS LLP LAB, SURVEY NO. 112, DOMMARAPOCHAMPALLY, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-11106	**Page No**	3 of 3
Validity	31/10/2022 to 30/10/2024	**Last Amended on**	20/06/2023

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
33	MECHANICAL-METALLOGRAPHY TEST	Copper & Its Alloys (Brass Bars, Rods, Sections and Other Extruded Products)	Microstructure Analysis	ASM Volume 9