National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ORDNANCE FACTORY KATNI, ORDNANCE FACTORY, KATNI, MADHYA PRADESH, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-6975 **Page No** 1 of 4
Validity 17/07/2022 to 15/04/2023 **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- NICKEL-ZINC ALLOYS CUPRO NICKEL	Antimony	BS EN 15079
2	CHEMICAL- METALS & ALLOYS	COPPER- NICKEL-ZINC ALLOYS CUPRO NICKEL	Copper	BSEN 15079
3	CHEMICAL- METALS & ALLOYS	COPPER- NICKEL-ZINC ALLOYS CUPRO NICKEL	IRON	BSEN 15079
4	CHEMICAL- METALS & ALLOYS	COPPER- NICKEL-ZINC ALLOYS CUPRO NICKEL	Lead	BS EN 15079
5	CHEMICAL- METALS & ALLOYS	COPPER- NICKEL-ZINC ALLOYS CUPRO NICKEL	Manganese	BS EN 15079
6	CHEMICAL- METALS & ALLOYS	COPPER- NICKEL-ZINC ALLOYS CUPRO NICKEL	Nickel	BS EN 15079
7	CHEMICAL- METALS & ALLOYS	COPPER- NICKEL-ZINC ALLOYS CUPRO NICKEL	Zinc	BS EN 15079
8	CHEMICAL- METALS & ALLOYS	COPPER- NICKEL-ZINC ALLOYS CUPRO NICKEL	Arsenic	BS EN 15079
9	CHEMICAL- METALS & ALLOYS	COPPER- NICKEL-ZINC ALLOYS CUPRO NICKEL	Bismuth	BS EN 15079
10	CHEMICAL- METALS & ALLOYS	COPPER- NICKEL-ZINC ALLYOS CUPRO NICKEL	Tin	BS EN 15079
11	CHEMICAL- METALS & ALLOYS	COPPER-ZINC ALLOYS 70-30 BRASS/63-37 BRASS 60-40 BRASS(LEAD BRASS) 90-10 BRASS(GUILDING METAL)	Tin	BS EN 15079
12	CHEMICAL- METALS & ALLOYS	COPPER-ZINC ALLOYS 70-30 BRASS/63-37 BRASS 60-40 BRASS(LEAD BRASS) 90-10 BRASS(GUILDING METAL)	Antimony	BS EN 15079
13	CHEMICAL- METALS & ALLOYS	COPPER-ZINC ALLOYS 70-30 BRASS/63-37 BRASS 60-40 BRASS(LEAD BRASS) 90-10 BRASS(GUILDING METAL)	Arsenic	BS EN 15079
14	CHEMICAL- METALS & ALLOYS	COPPER-ZINC ALLOYS 70-30 BRASS/63-37 BRASS 60-40 BRASS(LEAD BRASS) 90-10 BRASS(GUILDING METAL)	Bismuth	BS EN 15079
15	CHEMICAL- METALS & ALLOYS	COPPER-ZINC ALLOYS 70-30 BRASS/63-37 BRASS 60-40 BRASS(LEAD BRASS) 90-10 BRASS(GUILDING METAL)	Copper	BS EN 15079
16	CHEMICAL- METALS & ALLOYS	COPPER-ZINC ALLOYS 70-30 BRASS/63-37 BRASS 60-40 BRASS(LEAD BRASS) 90-10 BRASS(GUILDING METAL)	IRON	BS EN 15079
17	CHEMICAL- METALS & ALLOYS	COPPER-ZINC ALLOYS 70-30 BRASS/63-37 BRASS 60-40 BRASS(LEAD BRASS) 90-10 BRASS(GUILDING METAL)	Lead	BS EN 15079
18	CHEMICAL- METALS & ALLOYS	COPPER-ZINC ALLOYS 70-30 BRASS/63-37 BRASS 60-40 BRASS(LEAD BRASS) 90-10 BRASS(GUILDING METAL)	Nickel	BS EN 15079

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19	CHEMICAL- METALS & ALLOYS	COPPER-ZINC ALLOYS 70-30 BRASS/63-37 BRASS 60-40 BRASS(LEAD BRASS) 90-10 BRASS(GUILDING METAL)	Zinc	BS EN 15079
20	CHEMICAL- METALS & ALLOYS	PURE COPPER , ELECTROLYTIC COPPER	Arsenic	BS EN 15079
21	CHEMICAL- METALS & ALLOYS	PURE COPPER ,ELECTROLYTIC COPPER	Bismuth	BS EN 15079
22	CHEMICAL- METALS & ALLOYS	PURE COPPER ,ELECTROLYTIC COPPER	Copper	BS EN 15079
23	CHEMICAL- METALS & ALLOYS	PURE COPPER ,ELECTROLYTIC COPPER	Selenium	BS EN 15079
24	CHEMICAL- METALS & ALLOYS	PURE COPPER ,ELECTROLYTIC COPPER	Tellurium	BS EN 15079
25	CHEMICAL- METALS & ALLOYS	PURE COPPER ,ELECTROLYTIC COPPER	Zinc	BS EN 15079
26	CHEMICAL- METALS & ALLOYS	PURE COPPER, ELECTROLYTIC COPPER	Iron	BS EN 15079
27	CHEMICAL- METALS & ALLOYS	PURE COPPER, ELECTROLYTIC COPPER	Nickel	BS EN 15079
28	CHEMICAL- METALS & ALLOYS	PURE COPPER, ELECTROLYTIC COPPER	Phosphorus	BSEN 15079
29	CHEMICAL- METALS & ALLOYS	PURE COPPER,ELECTROLYTIC COPPER	Antimony	BS EN 15079
30	CHEMICAL- METALS & ALLOYS	PURE COPPER,ELECTROLYTIC COPPER	Lead	BS EN 15079
31	CHEMICAL- METALS & ALLOYS	PURE COPPER,ELECTROLYTIC COPPER	Tin	BS EN 15079
32	CHEMICAL- METALS & ALLOYS	ZINC BASE ALLOY/MAZAK	Aluminum	IS 2599
33	CHEMICAL- METALS & ALLOYS	ZINC BASE ALLOY/MAZAK	Cadmium	IS 2599
34	CHEMICAL- METALS & ALLOYS	ZINC BASE ALLOY/MAZAK	Copper	IS 2599
35	CHEMICAL- METALS & ALLOYS	ZINC BASE ALLOY/MAZAK	Indium	IS 2599
36	CHEMICAL- METALS & ALLOYS	ZINC BASE ALLOY/MAZAK	Iron	IS 2599
37	CHEMICAL- METALS & ALLOYS	ZINC BASE ALLOY/MAZAK	Lead	IS 2599

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38	CHEMICAL- METALS & ALLOYS	ZINC BASE ALLOY/MAZAK	Magnesium	IS 2599
39	CHEMICAL- METALS & ALLOYS	ZINC BASE ALLOY/MAZAK	Nickel	IS 2599
40	CHEMICAL- METALS & ALLOYS	ZINC BASE ALLOY/MAZAK	Thallium	IS 2599
41	CHEMICAL- METALS & ALLOYS	ZINC BASE ALLOY/MAZAK	Tin	IS 2599
42	CHEMICAL- METALS & ALLOYS	ZINC BASE ALLOY/MAZAK	Zinc	IS 2599
43	MECHANICAL- MECHANICAL PROPERTIES OF METALS	COPPER MATERIAL ALLOYS & PRODUCT	VICKERS HARDNESS TESTING (HV 10)	1501 (Part-I)
44	MECHANICAL- MECHANICAL PROPERTIES OF METALS	COPPER MATERIAL, ALLOYS & PRODUCT	BEND TEST	IS 1599
45	MECHANICAL- MECHANICAL PROPERTIES OF METALS	COPPER MATERIAL, ALLOYS & PRODUCT	ELONGATION	IS 1608 Part-I
46	MECHANICAL- MECHANICAL PROPERTIES OF METALS	COPPER MATERIAL, ALLOYS & PRODUCT	FLATTENING TEST	IS 2328
47	MECHANICAL- MECHANICAL PROPERTIES OF METALS	COPPER MATERIAL, ALLOYS & PRODUCT	TENSILE STRENGTH	IS 1608 Part-I
48	MECHANICAL- MECHANICAL PROPERTIES OF METALS	COPPER MATERIAL, ALLOYS & PRODUCT	VICKERS HARDNESS TESTING (HV 30)	IS 1501 (Part-I)
49	MECHANICAL- MECHANICAL PROPERTIES OF METALS	COPPER MATERIAL, ALLOYS & PRODUCT	VICKERS HARDNESS TESTING (HV5)	IS 1501 (Part-I)
50	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper materials , Alloys & Products	Reverse Bend Test	IS 2768
51	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper materials , alloys & products	Tensile Strength	IS 1608 Part-I
52	MECHANICAL- METALLOGRAPHY TEST	COPPER MATERIAL, ALLOYS & PRODUCT	GRAIN SIZE DETERMINATION BY COMPARISION METHOD	IS 4748

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53	MECHANICAL-METALLOGRAPHY TEST	COPPER MATERIAL, ALLOYS & PRODUCT	MACRO STRUCTURAL ANALYSIS	IS 13484
54	MECHANICAL-METALLOGRAPHY TEST	COPPER MATERIAL, ALLOYS & PRODUCT	MICRO STRUCTURAL ANALYSIS	IS 7739-(PART-IV),ASM VOLOUME 7
55	NON-DESTRUCTIVE-METALS & ALLOYS	ZINC BASE ALLOY/MAZAK	DETECTION OF FLAW WITH X-RAY	IS 2595