National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : METALAB RESEARCH AND ANALYTICAL FOUNDATION -JAMNAGAR, PLOT NO.370/372, G.I.D.C.-1,SHANKAR TEKRI, UDYOGNAGAR, JAMNAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 06/08/2021 to 05/08/2023 **Last Amended on** 21/11/2022

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	Aluminium & its Alloys	Copper	ASTM E1251
2	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Iron	ASTM E1251
3	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Lead	ASTM E1251
4	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Magnesium	ASTM E1251
5	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Manganese	ASTM E1251
6	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Nickel	ASTM E1251
7	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Silicon	ASTM E1251
8	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Titanium	ASTM E1251
9	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Zinc	ASTM E1251
10	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Arsenic	ASTM E415
11	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Carbon	ASTM E415
12	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Chromium	ASTM E415
13	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Copper	ASTM E415
14	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Manganese	ASTM E415
15	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Molybdenum	ASTM E415
16	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Nickel	ASTM E415
17	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Phosphorus	ASTM E415
18	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Silicon	ASTM E415

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19	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Sulfur	ASTM E415
20	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Titanium	ASTM E415
21	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Vanadium	ASTM E415
22	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Aluminium	BS EN 15079
23	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Antimony	BS EN 15079
24	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Arsenic	BS EN 15079
25	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Beryllium	BS EN 15079
26	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Bismuth	BS EN 15079
27	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cadmium	BS EN 15079
28	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Chromium	BS EN 15079
29	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cobalt	BS EN 15079
30	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	BS EN 15079
31	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	BS EN 15079
32	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Magnesium	BS EN 15079
33	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Manganese	BS EN 15079
34	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	BS EN 15079
35	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorus	BS EN 15079
36	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silicon	BS EN 15079
37	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	BS EN 15079

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38	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	BS EN 15079
39	CHEMICAL- METALS & ALLOYS	Lead & Lead alloys	Antimony	DD ENV 12908
40	CHEMICAL- METALS & ALLOYS	Lead & Lead alloys	Bismuth	DD ENV 12908
41	CHEMICAL- METALS & ALLOYS	Lead & Lead alloys	Copper	DD ENV 12908
42	CHEMICAL- METALS & ALLOYS	Lead & Lead alloys	Tin	DD ENV 12908
43	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
44	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086
45	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
46	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
47	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
48	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086
49	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E1086
50	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
51	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Aluminium	ISO 3815-1
52	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Copper	ISO 3815-1
53	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Lead	ISO 3815-1
54	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Alloy and Copper Alloys	Rockwell Hardness (B Scale)	ISO 6508-1
55	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper alloys and Ferrous metals & alloys	Vickers Hardness HV5	ISO 6507 - 1

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56	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Alloys, Aluminium Alloys and Iron Illoys	Brinell Hardness HBW 62.5/2.5	ASTM E 10
57	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials & alloys	Rockwell Hardness (C Scale)	ISO 6508-1
58	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & its alloys	Vickers Hardness HV30	ISO 6507 - 1