National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PERSANG ALLOY TESTING LABORATORY, PERSANG ALLOY INDUSTRIES PRIVATE LIMITED, 353, GIDC ESTATE, WAGHODIA, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10911 **Page No** 1 of 3

Validity 12/08/2022 to 11/08/2024 **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	Solder Paste	Metal Content	IPC TM 650 2.2.20
2	CHEMICAL- METALS & ALLOYS	Solder Paste	Antimony (Sb)	PAIPL-AC-01/MV-AC-01
3	CHEMICAL- METALS & ALLOYS	Solder Paste	Arsenic (As)	PAIPL-AC-01/MV-AC-01
4	CHEMICAL- METALS & ALLOYS	Solder Paste	Bismuth (Bi)	PAIPL-AC-01/MV-AC-01
5	CHEMICAL- METALS & ALLOYS	Solder Paste	Cadmium (Cd)	PAIPL-AC-01/MV-AC-01
6	CHEMICAL- METALS & ALLOYS	Solder Paste	Copper (Cu)	PAIPL-AC-01/MV-AC-01
7	CHEMICAL- METALS & ALLOYS	Solder Paste	Corrosion Test	JIS Z 3197 8.4
8	CHEMICAL- METALS & ALLOYS	Solder Paste	Flux	JIS Z 3197:8.1.2
9	CHEMICAL- METALS & ALLOYS	Solder Paste	Indium (In)	PAIPL-AC-01/MV-AC-01
10	CHEMICAL- METALS & ALLOYS	Solder Paste	Insulation Resistance Testing	JIS Z 3197 8.5.3
11	CHEMICAL- METALS & ALLOYS	Solder Paste	Iron (Fe)	PAIPL-AC-01/MV-AC-01
12	CHEMICAL- METALS & ALLOYS	Solder Paste	Lead (Pb)	PAIPL-AC-01/MV-AC-01
13	CHEMICAL- METALS & ALLOYS	Solder Paste	Nickel (Ni)	PAIPL-AC-01/MV-AC-01
14	CHEMICAL- METALS & ALLOYS	Solder Paste	Powder Size Determination (PSD)	JIS Z 3284-2 4.1
15	CHEMICAL- METALS & ALLOYS	Solder Paste	Silver (Ag)	PAIPL-AC-01/MV-AC-01
16	CHEMICAL- METALS & ALLOYS	Solder Paste	Slump Test	JIS Z 3284-3 4.3 & 4.4
17	CHEMICAL- METALS & ALLOYS	Solder Paste	Solder Ball	JIS Z 3284-4 4.2
18	CHEMICAL- METALS & ALLOYS	Solder Paste	Spread Test	JIS Z 3197 8.3.1.1

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19	CHEMICAL- METALS & ALLOYS	Solder Paste	Tackiness Test	JIS Z 3284 4.5
20	CHEMICAL- METALS & ALLOYS	Solder Paste	Tin (Sn)	PAIPL-AC-01/MV-AC-01
21	CHEMICAL- METALS & ALLOYS	Solder Paste	Viscosity Test	JIS Z 3284-3 4.2
22	CHEMICAL- METALS & ALLOYS	Solder Paste	Zinc (Zn)	PAIPL-AC-01/MV-AC-01
23	CHEMICAL- METALS & ALLOYS	Solder Powder	Antimony (Sb)	PAIPL-AC-01/MV-AC-01
24	CHEMICAL- METALS & ALLOYS	Solder Powder	Arsenic (As)	PAIPL-AC-01/MV-AC-01
25	CHEMICAL- METALS & ALLOYS	Solder Powder	Cadmium (Cd)	PAIPL-AC-01/MV-AC-01
26	CHEMICAL- METALS & ALLOYS	Solder Powder	Indium (In)	PAIPL-AC-01/MV-AC-01
27	CHEMICAL- METALS & ALLOYS	Solder Powder	Lead (Pb)	PAIPL-AC-01/MV-AC-01
28	CHEMICAL- METALS & ALLOYS	Solder Powder	Zinc (Zn)	PAIPL-AC-01/MV-AC-01
29	CHEMICAL- METALS & ALLOYS	Solder Powder	Bismuth (Bi)	PAIPL-AC-01/MV-AC-01
30	CHEMICAL- METALS & ALLOYS	Solder Powder	Copper (Cu)	PAIPL-AC-01/MV-AC-01
31	CHEMICAL- METALS & ALLOYS	Solder Powder	Iron (Fe)	PAIPL-AC-01/MV-AC-01
32	CHEMICAL- METALS & ALLOYS	Solder Powder	Nickel (Ni)	PAIPL-AC-01/MV-AC-01
33	CHEMICAL- METALS & ALLOYS	Solder Powder	Silver (Ag)	PAIPL-AC-01/MV-AC-01
34	CHEMICAL- METALS & ALLOYS	Solder Powder	Tin (Sn)	PAIPL-AC-01/MV-AC-01
35	CHEMICAL- METALS & ALLOYS	Solder Wire	Cadmium (Cd)	PAIPL-AC-01/MV-AC-01
36	CHEMICAL- METALS & ALLOYS	Solder Wire	Indium (In)	PAIPL-AC-01/MV-AC-01
37	CHEMICAL- METALS & ALLOYS	Solder Wire	Antimony (Sb)	PAIPL-AC-01/MV-AC-01

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38	CHEMICAL- METALS & ALLOYS	Solder Wire	Arsenic (As)	PAIPL-AC-01/MV-AC-01
39	CHEMICAL- METALS & ALLOYS	Solder Wire	Bismuth (Bi)	PAIPL-AC-01/MV-AC-01
40	CHEMICAL- METALS & ALLOYS	Solder Wire	Copper (Cu)	PAIPL-AC-01/MV-AC-01
41	CHEMICAL- METALS & ALLOYS	Solder Wire	Corrosion Test	JIS Z 3197 8.4
42	CHEMICAL- METALS & ALLOYS	Solder Wire	Flux	JIS Z 3197 8.1.2
43	CHEMICAL- METALS & ALLOYS	Solder Wire	Insulation Resistance Testing	JIS Z 3197 8.5.3
44	CHEMICAL- METALS & ALLOYS	Solder Wire	Iron (Fe)	PAIPL-AC-01/MV-AC-01
45	CHEMICAL- METALS & ALLOYS	Solder Wire	Lead (Pb)	PAIPL-AC-01/MV-AC-01
46	CHEMICAL- METALS & ALLOYS	Solder Wire	Nickel (Ni)	PAIPL-AC-01/MV-AC-01
47	CHEMICAL- METALS & ALLOYS	Solder Wire	Silver (Ag)	PAIPL-AC-01/MV-AC-01
48	CHEMICAL- METALS & ALLOYS	Solder Wire	Spread Test	JIS Z 3197 8.3.1.1
49	CHEMICAL- METALS & ALLOYS	Solder Wire	Tin (Sn)	PAIPL-AC-01/MV-AC-01
50	CHEMICAL- METALS & ALLOYS	Solder Wire	Zinc (Zn)	PAIPL-AC-01/MV-AC-01