National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY METAL TESTING SERVICES, PLOT NO. 49, GANRAJ COLONY NO. 4, DEVKAR WASTI, CHAKARPANI VASAHAT, BHOSARI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7744 **Page No** 1 of 5

Validity 08/12/2021 to 07/12/2023 **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	Alloy Steel	Aluminum (Al)	ASTM E 415
2	CHEMICAL- METALS & ALLOYS	Alloy Steel	Aluminum (Al)	IS: 8811
3	CHEMICAL- METALS & ALLOYS	Alloy Steel	Boron (B)	IS: 8811
4	CHEMICAL- METALS & ALLOYS	Alloy Steel	Carbon (C)	ASTM E 415
5	CHEMICAL- METALS & ALLOYS	Alloy Steel	Carbon (C)	IS:8811
6	CHEMICAL- METALS & ALLOYS	Alloy Steel	Cobalt (Co)	ASTM E 415
7	CHEMICAL- METALS & ALLOYS	Alloy Steel	Cobalt (Co)	IS:8811
8	CHEMICAL- METALS & ALLOYS	Alloy Steel	Copper (Cu)	ASTM E 415
9	CHEMICAL- METALS & ALLOYS	Alloy Steel	Manganese (Mn)	IS:8811
10	CHEMICAL- METALS & ALLOYS	Alloy Steel	Molybdenum (Mo)	ASTM E 415
11	CHEMICAL- METALS & ALLOYS	Alloy Steel	Molybdenum (Mo)	IS:8811
12	CHEMICAL- METALS & ALLOYS	Alloy Steel	Nickel (Ni)	IS: 8811
13	CHEMICAL- METALS & ALLOYS	Alloy Steel	Phosphorous (p)	ASTM E 415
14	CHEMICAL- METALS & ALLOYS	Alloy Steel	Silicon (Si)	ASTM E 415
15	CHEMICAL- METALS & ALLOYS	Alloy Steel	Tin (Sn)	ASTM E 415
16	CHEMICAL- METALS & ALLOYS	Alloy Steel	Tin (Sn)	IS: 8811
17	CHEMICAL- METALS & ALLOYS	Alloy Steel	Boron (B)	ASTM E 415
18	CHEMICAL- METALS & ALLOYS	Alloy Steel	Chromium (Cr)	ASTM E 415

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Certificate Number TC-7744 **Page No** 2 of 5

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19	CHEMICAL- METALS & ALLOYS	Alloy Steel	Chromium (Cr)	IS: 8811
20	CHEMICAL- METALS & ALLOYS	Alloy Steel	Copper (Cu)	IS: 8811
21	CHEMICAL- METALS & ALLOYS	Alloy Steel	Manganese (Mn)	ASTM E 415
22	CHEMICAL- METALS & ALLOYS	Alloy Steel	Nickel (Ni)	ASTM E 415
23	CHEMICAL- METALS & ALLOYS	Alloy Steel	Niobium (Nb)	ASTM E 415
24	CHEMICAL- METALS & ALLOYS	Alloy Steel	Niobium (Nb)	IS: 8811
25	CHEMICAL- METALS & ALLOYS	Alloy Steel	Phosphorous (P)	IS: 8811
26	CHEMICAL- METALS & ALLOYS	Alloy Steel	Silicon (Si)	IS: 8811
27	CHEMICAL- METALS & ALLOYS	Alloy Steel	Sulphur (S)	ASTM E 415
28	CHEMICAL- METALS & ALLOYS	Alloy Steel	Sulphur (S)	IS:8811
29	CHEMICAL- METALS & ALLOYS	Alloy Steel	Vanadium (V)	ASTM E 415
30	CHEMICAL- METALS & ALLOYS	Alloy Steel	Vanadium (V)	IS: 8811
31	CHEMICAL- METALS & ALLOYS	Ferrous and Non-ferrous	Metals Identification, Grade Verification,and Sorting by XRF Machine(PMI Test)	ASTM E 1476-04
32	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon (C)	IS - 9879
33	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium (Cr)	ASTM E 1086
34	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper (Cu)	IS 9879
35	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese (Mn)	ASTM E 1086
36	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum (Mo)	ASTM E 1086

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Certificate Number TC-7744 **Page No** 3 of 5

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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
37	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel (Ni)	ASTM E 1086
38	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel (Ni)	IS - 9879
39	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous (P)	ASTM E 1086
40	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous (P)	IS - 9879
41	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon (C)	ASTM E 1086
42	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium (Cr)	IS - 9879
43	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper (Cu)	ASTM E 1086
44	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese (Mn)	IS - 9879
45	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum (Mo)	IS - 9879
46	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon (Si)	ASTM E 1086
47	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon (Si)	IS - 9879
48	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur (S)	ASTM E- 1086
49	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur (S)	IS - 9879
50	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous	Welding-Fusion Welded Joint; Macro & Dimensional Measurement of Weld Joint	ISO 5817
51	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non-ferrous metals and alloys	% Elongation	IS 1608 part1
52	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non-ferrous metals and alloys	% Reduction in Area	IS 1608 part1
53	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non-ferrous metals and alloys	0.2 % Proof Stress	IS 1608 part1

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54	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-ferrous metals and alloys	Tensile Test (UTS)	IS 1608 part1
55	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-ferrous metals and alloys	Yield Stress (Y.S.)	IS 1608 part1
56	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	Bend Test	IS 1599
57	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	Charpy Impact test at temperature+35 ° C to - 50 ° C	IS 1757 PART-1
58	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	Charpy Impact test at temperature +35 ° C to - 50 ° C	ISO 148 - 1
59	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	Hardness in Rockwell "C" scale (HRC)	IS 1586 PART -1
60	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and Alloys	Rockwell Hardness Test on B Scale (HRBW)	IS 1586 Part-1

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Certificate Number	TC-7744	**Page No**	5 of 5
Validity	08/12/2021 to 07/12/2023	**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
Site Facility				
1	CHEMICAL- METALS & ALLOYS	Ferrous and Non-ferrous	Metals Identification, Grade Verification,and Sorting by XRF Machine(PMI Test)	ASTM E 1476-04