



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name METALLURGICAL RESEARCH & TESTING LABORATORY, BALITIKURI SURKIMILL, HOWRAH, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8395 Page No. : 1 / 5

Validity 14/03/2019 to 13/03/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
Permanent Facility				
1	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	CHROMIUM	IS : 504 (Part - 8) RA 18: 2002
2	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	COPPER	IS : 504 (Part-3) RA 18: 2002
3	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	IRON	IS : 504 (Part - 2) RA 18: 2002
4	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	MAGNESIUM	IS : 504 (Part-6) RA 18: 2002
5	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	MANGANESE	IS : 504 (Part-5) RA 18: 2002
6	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	NICKEL	IS : 504 (Part-7) RA 18: 2002
7	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	SILICON	IS : 504 (Part-1) RA 18: 2002
8	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	TIN	IS : 504 (Part -9) RA 18: 2002
9	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	COPPER	IS : 440 RA 18 - 64, IS 3685 RA 18 - 66, IS 3187 RA 18 - 65, IS 4027 (Part-1) RA 18: 1987
10	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	IRON	IS : 3685 RA 18 - 66, IS : 3187 RA 18 - 65, IS : 4027 (Part-8) RA 18: 1991
11	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	LEAD	IS : 3685 RA 18 - 66, IS 3187 RA 18 - 65, IS : 4027 (Part - 1) RA 18: 1987
12	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	MANGANESE	IS : 3685 RA 18 - 66, IS : 3187 RA 18: 1965



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13	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	NICKEL	IS : 3685 RA 18 - 66, IS : 3187 RA 18: 1965
14	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	PHOSPHORUS	IS : 3685 RA 18 - 66, IS : 440 RA 18 - 64, IS : 4027 (Part-3) RA 18: 1987
15	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	SILICON	IS : 3685 RA 18 - 66, IS : 4027 (Part-10) RA 18: 2000
16	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	TIN	IS : 3685 RA 18 - 66, IS : 4027 (Part-5) RA 18: 1987
17	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	ZINC	IS 3685 RA 18 - 66, IS : 3187 RA 18 - 65, IS : 4027 (Part-6) RA 18: 1987
18	CHEMICAL- METALS & ALLOYS	IRON & STEEL (PLAIN CARBON & LOW ALLOY STEEL)	CARBON	IS : 228 (Part-1): 1987, RA 2018
19	CHEMICAL- METALS & ALLOYS	IRON & STEEL (PLAIN CARBON & LOW ALLOY STEEL)	COPPER	IS : 228 (Part-15) RA 2014: 1992
20	CHEMICAL- METALS & ALLOYS	IRON & STEEL (PLAIN CARBON & LOW ALLOY STEEL)	MANGANESE	IS : 228 (Part-2): 1987, RA 2018
21	CHEMICAL- METALS & ALLOYS	IRON & STEEL (PLAIN CARBON & LOW ALLOY STEEL)	MOLYBDENUM	IS : 228 (Part - 7) RA 2018: 1990
22	CHEMICAL- METALS & ALLOYS	IRON & STEEL (PLAIN CARBON & LOW ALLOY STEEL)	NICKEL	IS : 228 (Part-5): 1987, RA 2014
23	CHEMICAL- METALS & ALLOYS	IRON & STEEL (PLAIN CARBON & LOW ALLOY STEEL)	PHOSPHORUS	IS : 228 (Part-3): 1987, RA 2018



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24	CHEMICAL- METALS & ALLOYS	IRON & STEEL (PLAIN CARBON & LOW ALLOY STEEL)	SILICON	IS : 228 (Part -8): 1989, RA 2018
25	CHEMICAL- METALS & ALLOYS	IRON & STEEL (PLAIN CARBON & LOW ALLOY STEEL)	SULPHUR	IS : 228 (Part-9): 1989, RA 2018
26	CHEMICAL- METALS & ALLOYS	METALLIC COATINGS (ZINC COATED IRON & STEEL ARTICLES)	MASS OF COATING (STRIPPING METHOD)	IS : 6745 RA 16: 1972
27	CHEMICAL- METALS & ALLOYS	METALLIC COATINGS (ZINC COATED IRON & STEEL ARTICLES)	UNIFORMITY OF COATING	IS : 2633 RA 16: 1986
28	CHEMICAL- METALS & ALLOYS	NICKLE, CHROMIUM & HIGH ALLOY STEEL	CARBON	IS:228 (Part -1) RA: 2018
29	CHEMICAL- METALS & ALLOYS	NICKLE,CHROMIUM & HIGH STEEL	CHROMIUM	IS:228 (Part-6), RA: 2014
30	CHEMICAL- METALS & ALLOYS	NICKLE,CHROMIUM & HIGH STEEL	MANGANESE	IS:228(Part-2), RA: 2018
31	CHEMICAL- METALS & ALLOYS	NICKLE,CHROMIUM & HIGH STEEL	MOLYBDENUM	IS:228(Part-7), RA: 2018
32	CHEMICAL- METALS & ALLOYS	NICKLE,CHROMIUM & HIGH STEEL	NICKLE	IS:228(Part-5), RA: 2014
33	CHEMICAL- METALS & ALLOYS	NICKLE,CHROMIUM & HIGH STEEL	PHOSPHORUS	IS:228 (Part-3), RA: 2018
34	CHEMICAL- METALS & ALLOYS	NICKLE,CHROMIUM & HIGH STEEL	SILICON	IS:228 (Part-8),RA: 2014
35	CHEMICAL- METALS & ALLOYS	NICKLE,CHROMIUM & HIGH STEEL	SULPHUR	IS:228 (Part-9), RA: 2014



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36	CHEMICAL- METALS & ALLOYS	PIG IRON, CAST IRON, S G CAST IRON, MALLEABLE CAST IRON	CARBON	IS : 12308 (Part-11): 1991, RA 2018
37	CHEMICAL- METALS & ALLOYS	PIG IRON, CAST IRON, S G CAST IRON, MALLEABLE CAST IRON	CHROMIUM	IS : 12308 (Part-8) RA 18: 1997
38	CHEMICAL- METALS & ALLOYS	PIG IRON, CAST IRON, S G CAST IRON, MALLEABLE CAST IRON	MANGANESE	IS : 12308 (Part - 10) RA 2018: 1991
39	CHEMICAL- METALS & ALLOYS	PIG IRON, CAST IRON, S G CAST IRON, MALLEABLE CAST IRON	NICKEL	IS : 12308 (Part -7) RA 18: 1991
40	CHEMICAL- METALS & ALLOYS	PIG IRON, CAST IRON, S G CAST IRON, MALLEABLE CAST IRON	PHOSPHORUS	IS : 12308 (Part-5) RA 18: 1991
41	CHEMICAL- METALS & ALLOYS	PIG IRON, CAST IRON, S G CAST IRON, MALLEABLE CAST IRON	SILICON	IS : 12308 (Part - 6) RA 2018: 1991
42	CHEMICAL- METALS & ALLOYS	PIG IRON, CAST IRON, S G CAST IRON, MALLEABLE CAST IRON	SULPHUR	IS : 12308 (Part-2) RA 18: 1987
43	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL, NICKEL, CHROMIUM & HIGH ALLOY STEEL	CARBON	IS : 228 (Part - 1) RA 2018: 1987



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44	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL, NICKEL, CHROMIUM & HIGH ALLOY STEEL	CHROMIUM	IS : 228 (Part -6) RA 2014: 1987
45	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL, NICKEL, CHROMIUM & HIGH ALLOY STEEL	MANGANESE	IS : 228 (Part -2) RA 2018: 1987
46	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL, NICKEL, CHROMIUM & HIGH ALLOY STEEL	MOLYBDENUM	IS : 228 (Part -7) RA 2018: 1990
47	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL, NICKEL, CHROMIUM & HIGH ALLOY STEEL	NICKEL	IS : 228 (Part-5) RA 2014: 1987
48	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL, NICKEL, CHROMIUM & HIGH ALLOY STEEL	PHOSPHORUS	IS : 228 (Part - 3) RA 2018: 1987
49	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL, NICKEL, CHROMIUM & HIGH ALLOY STEEL	SILICON	IS : 228 (Part - 8) RA 2014: 1989
50	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL, NICKEL, CHROMIUM & HIGH ALLOY STEEL	SULPHUR	IS : 228 (Part -9) RA 2014: 1989