National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ALLEIMA INDIA PRIVATE LIMITED, SURVEY NO. 2118, VILLAGE-RAJPUR,TALUKA-KADI, MEHSANA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5793 **Page No** 1 of 4

Validity 23/12/2022 to 11/09/2023 **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- CORROSION TESTS	Austenitic Stainless Steels & Alloys (Tubes / Pipes / Hollows)	Susceptibility to Intergranular Attack in Austenitic Steels Practice A - Oxalic Acid Etch test for classification of etch structure	ASTM A262
2	CHEMICAL- CORROSION TESTS	Austenitic Stainless Steels & Alloys (Tubes / Pipes / Hollows)	Susceptibility to Intergranular Attack in Austenitic Steels Practice C - Nitric Acid Test	ASTM A262
3	CHEMICAL- CORROSION TESTS	Austenitic Stainless Steels & Alloys (Tubes / Pipes / Hollows)	Susceptibility to Intergranular Attack in Austenitic Steels Practice E - Copper - Copper sulfate sulfuric acid test	ASTM A262
4	CHEMICAL- CORROSION TESTS	Duplex Stainless Steels (Tubes / Pipes / Hollows)	Detrimental Intermetallic Phase in Duplex (Austenitic / Ferritic) Stainless Steels Method C - Ferric Chloride Corrosion test for classification of structure of Duplex stainless steel	ASTM A923
5	CHEMICAL- CORROSION TESTS	Stainless Steels (Tubes / Pipes / Hollows)	Method A - Pitting Corrosion	ASTM G48
6	CHEMICAL- CORROSION TESTS	Stainless Steels (Tubes / Pipes / Hollows)	Resistance to intergranular corrosion of stainless steels Part 1 : Austenitic and ferritic-austenitic (duplex) stainless steels – Corrosion test in nitric acid medium by measurement of loss in mass (Huey test)	ISO 3651 - 1
7	CHEMICAL- CORROSION TESTS	Stainless Steels (Tubes / Pipes / Hollows)	Resistance to intergranular corrosion of stainless steels Part 2 : Ferritic, austenitic and ferritic-austenitic (duplex) stainless steels – Corrosion test in media containing sulfuric acid (Method A, B & C)	ISO 3651 - 2
8	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	% Elongation	ASTM A370
9	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	% Elongation	ASTM E8 / E8 M

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10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	% Elongation	ISO 6892 - 1
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	0.2 % Proof Stress	ASTM A370
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	0.2 % Proof Stress	ASTM E 8 / E8M
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	0.2 % Proof Stress	ISO 6892 - 1
14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	1.0 % Proof Stress	ASTM E8 / E8 M
15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	1.0 % Proof Stress	ISO 6892 - 1
16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	1.0% Proof Stress	ASTM A370
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Flaring / Drift Expanding Test	ASTM A370
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Flaring / Drift Expanding Test	ASTM A1016
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Flaring / Drift Expanding Test	ISO 8493
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Flattening Test	ASTM A1016
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Flattening Test	ASTM A370
22	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Flattening Test	ASTM A999
23	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Flattening Test	ISO 8492

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24	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Rockwell Hardness Test	ASTM A370
25	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Rockwell Hardness Test	ASTM A370
26	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Rockwell Hardness Test	ASTM E18
27	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Rockwell Hardness Test	ASTM E18
28	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Rockwell Hardness Test	ISO 6508 -1
29	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Rockwell Hardness Test	ISO 6508-1
30	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Ultimate Tensile Strength	ASTM A370
31	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Ultimate Tensile Strength	ASTM E8 / E8 M
32	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Ultimate Tensile Strength	ISO 6892 -1
33	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Yield Strength	ASTM A370
34	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Yield Strength	ASTM E8 / E8M
35	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes / Pipes / Hollows	Yield Strength	ISO 6892-1
36	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steels (Round Bars / Tubes / Pipes / Hollows)	Microstructure Examination - Detecting Detrimental Intermetallic Phase in Duplex Austenitic/Ferritic Stainless Steels Method A - Detecting Intermetallic Phases	ASTM A923

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37	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Nickel Base Alloys (Round Bars / Tubes / Pipes / Hollows)	Grain Size Measurement	ASTM E112
38	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel, Duplex SS & Nickel Base Alloys (Round Bars / Tubes / Pipes / Hollows)	Microstructure Characterization	ASM Handbook Volume 9
39	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel, Duplex SS & Nickel Base Alloys (Round Bars / Tubes / Pipes / Hollows)	Volume Fraction of Different Phases	ASTM E562