



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**TTP TESTING LAB - TUBACEX TUBES AND PIPES
PRIVATE LIMITED**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

SURVEY NO.131/1, UMBERGAON-SANJAN ROAD, UMBERGAON INA, VALSAD, GUJARAT, INDIA

in the field of

TESTING

Certificate Number: TC-12007

Issue Date: 27/07/2023

Valid Until: 26/07/2025

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity: TUBACEX TUBES AND PIPES PRIVATE LIMITED

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TTP TESTING LAB - TUBACEX TUBES AND PIPES PRIVATE LIMITED, SURVEY NO.131/1,
UMBERGAON-SANJAN ROAD, UMBERGAON INA, VALSAD, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12007

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Validity

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Last Amended on

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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
Permanent Facility				
1	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
2	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
3	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
4	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
5	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
6	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
7	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 9879
8	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
9	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
10	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E 1086
11	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E 1086
12	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E 1086
13	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E 1086
14	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E 1086
15	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E 1086
16	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E 1086
17	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E 1086
18	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E 1086



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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
19	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Nickel Alloys (Pipes & tubes)	UTS / Tensile stress	ASTM E8
20	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel (Pipes & tubes)	0.2% Proof stress	ASTM A370
21	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel (Pipes & tubes)	1% Proof stress	ASTM A370
22	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel (Pipes & tubes)	Flaring test / Drift expansion	ASTM A370
23	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel (Pipes & tubes)	Flattening test	ASTM A370
24	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel (Pipes & tubes)	Rockwell hardness (HRC)	ASTM A370
25	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Nickel Alloys (Pipes & tubes)	% Elongation	EN ISO 6892-1
26	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Nickel Alloys (Pipes & tubes)	1% Proof stress	EN ISO 6892-1
27	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Nickel Alloys (Pipes & tubes)	Flaring test / Drift expansion	EN ISO 8493
28	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Nickel Alloys (Pipes & tubes)	% Elongation	ASTM E8
29	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Nickel Alloys (Pipes & tubes)	0.2% Proof stress	ASTM E8
30	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Nickel Alloys (Pipes & tubes)	1% Proof stress	ASTM E8
31	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Nickel Alloys (Pipes & tubes)	Yield Stress / Yield Strength / YS	ASTM E8
32	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel (Pipes & tubes)	% Elongation	ASTM A370



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33	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel (Pipes & tubes)	Rockwell hardness (HRB)	ASTM A370
34	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel (Pipes & tubes)	UTS / Tensile stress	ASTM A370
35	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel (Pipes & tubes)	Vicker Hardness (HV)	ASTM A370
36	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel (Pipes & tubes)	Yield Stress / Yield Strength / YS	ASTM A370
37	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Nickel Alloys (Pipes & tubes)	0.2% Proof Stress	EN ISO 6892-1
38	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Nickel Alloys (Pipes & tubes)	Flattening test	EN ISO 8492
39	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Nickel Alloys (Pipes & tubes)	Rockwell hardness (HRB)	ASTM E18
40	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Nickel Alloys (Pipes & tubes)	Rockwell hardness (HRB)	BS EN ISO 6508-1
41	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Nickel Alloys (Pipes & tubes)	Rockwell hardness (HRC)	ASTM E18
42	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Nickel Alloys (Pipes & tubes)	Rockwell hardness (HRC)	BS EN ISO 6508-1
43	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Nickel Alloys (Pipes & tubes)	UTS / Tensile stress	EN ISO 6892-1
44	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Nickel Alloys (Pipes & tubes)	Vicker Hardness (HV)	ASTM E92
45	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Nickel Alloys (Pipes & tubes)	Vicker Hardness (HV)	BS EN ISO 6507-1
46	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Nickel Alloys (Pipes & tubes)	Yield Stress / Yield Strength / YS	EN ISO 6892-1



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47	MECHANICAL-METALLOGRAPHY TEST	Stainless steel	Determination of resistance to intergranular corrosion of stainless steels Method-A – (Strauss test)	ISO 3651-2
48	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Intergranular Attack in Austenitic Stainless Steels Practice A - Oxalic Acid Etch Test	ASTM A262
49	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Intergranular Attack in Austenitic Stainless Steels Practice E - Copper - Copper Sulfate - Sulfuric Acid Test	ASTM A262
50	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel and Nickel Alloys (Bars,Pipes & tubes)	Grain size measurement	ASTM E 112
51	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel and Nickel Alloys (Bars,Pipes & tubes)	Grain size measurement	ISO 643
52	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel and Nickel Alloys (Bars,Pipes & tubes)	Microstructure	ASM Handbook Volume 9