National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	TESTING LABORATORY, GUJARAT INFRAPIPES PRIVATE LIMITED, 53A, MANGLEJ-NARESHWAR ROAD,, VADODARA, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-9958
Validity	11/10/2021 to 10/10/2023

Last Amended on 19/04/2023

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	Ferrous Material alloys & material	Aluminium	ASTM E415
2	CHEMICAL- METALS & ALLOYS	Ferrous Material alloys & material	Carbon	ASTM E415
3	CHEMICAL- METALS & ALLOYS	Ferrous Material alloys & material	Chromium	ASTM E415
4	CHEMICAL- METALS & ALLOYS	Ferrous Material alloys & material	Copper	ASTM E415
5	CHEMICAL- METALS & ALLOYS	Ferrous Material alloys & material	Manganese	ASTM E415
6	CHEMICAL- METALS & ALLOYS	Ferrous Material alloys & material	Molybdenum	ASTM E415
7	CHEMICAL- METALS & ALLOYS	Ferrous Material alloys & material	Nickel	ASTM E415
8	CHEMICAL- METALS & ALLOYS	Ferrous Material alloys & material	Phosphorus	ASTM E415
9	CHEMICAL- METALS & ALLOYS	Ferrous Material alloys & material	Silicon	ASTM E415
10	CHEMICAL- METALS & ALLOYS	Ferrous Material alloys & material	Sulphur	ASTM E415
11	CHEMICAL- METALS & ALLOYS	Ferrous Material alloys & material	Tin	ASTM E415
12	CHEMICAL- METALS & ALLOYS	Ferrous Material alloys & material	Vanadium	ASTM E415
13	CHEMICAL- METALS & ALLOYS	Stainless Steel & products	Carbon	ASTM E1086
14	CHEMICAL- METALS & ALLOYS	Stainless Steel & products	Chromium	ASTM E1086
15	CHEMICAL- METALS & ALLOYS	Stainless Steel & products	Copper	ASTM E1086
16	CHEMICAL- METALS & ALLOYS	Stainless Steel & products	Manganese	ASTM E1086
17	CHEMICAL- METALS & ALLOYS	Stainless Steel & products	Molybdenum	ASTM E1086
18	CHEMICAL- METALS & ALLOYS	Stainless Steel & products	Nickel	ASTM E1086

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19	CHEMICAL- METALS & ALLOYS	Stainless Steel & products	Phosphorus	ASTM E1086
20	CHEMICAL- METALS & ALLOYS	Stainless Steel & products	Silicon	ASTM E1086
21	CHEMICAL- METALS & ALLOYS	Stainless Steel & products	Sulphur	ASTM E1086
22	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Alloys steel & Stainless steel products (Pipe, Plate, sheet, fittings, forged)	Tensile Test: % Elongation	ASTM A370
23	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Alloys steel & Stainless steel products (Pipe, Plate, sheet, fittings, forged)	Tensile Test: Ultimate Tensile Strength	ASTM A370
24	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Alloys steel & Stainless steel products (Pipe, Plate, sheet, fittings, forged)	Tensile Test: Yield Stress (0.2 %)	ASTM A370
25	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials (Pipe, Plate, sheet, fittings, forged)	Tensile Test: % Elongation	ASTM E8
26	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials (Pipe, Plate, sheet, fittings, forged)	Tensile Test: Ultimate Tensile Strength	ASTM E8
27	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials (Pipe, Plate, sheet, fittings, forged)	Tensile Test: Yield Stress (0.2 %)	ASTM E8
28	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys steel & Stainless steel products"(Pipe,Plate, sheet, fittings, forged)	Brinell hardness test 187.5 kg load	ASTM E10
29	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys steel & Stainless steel products"(Pipe,Plate, sheet, fittings, forged)	Impact Test Charpy Impact Test	ASTM E23
30	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys steel & Stainless steel products (Pipe, Plate, sheet, fittings, forged)	Hardness Test Vickers Hardness Test : HV-30	ASTM E92
31	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys steel & Stainless steel products (Pipe ,Plate, sheet, fittings, forged)	Hardness Test Vickers Hardness Test : HV-10	ASTM E92
32	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel (Pipe, Plate, sheet, Fittings, Forged)	Average Grain size Measurement	ASTM E112:
33	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel (Pipe, Plate, sheet, Fittings, Forged)	Inter Granular Corrosion	ASTM A 262 Pr. A

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34	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel (Pipe, Plate, sheet, Fittings, Forged)	Inter Granular Corrosion	ASTM A262 Pr. E