National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AMBICA STEELS LIMITED TESTING DIVISION, PLOT NO. 51/2, SITE - 4, UPSIDC INDUSTRIAL AREA,GHAZIABAD, SAHIBABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9075 **Page No** 1 of 2

Validity 31/01/2023 to 30/01/2025 **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	Stainless Steel and Alloy Steel	Carbon	ASTM E 1086
2	CHEMICAL- METALS & ALLOYS	Stainless Steel and Alloy steel	Chromium	ASTM E 1086
3	CHEMICAL- METALS & ALLOYS	Stainless Steel and Alloy steel	Manganese	ASTM E 1086
4	CHEMICAL- METALS & ALLOYS	Stainless Steel and Alloy steel	Molybdenum	ASTM E 1086
5	CHEMICAL- METALS & ALLOYS	Stainless Steel and Alloy steel	Nickel	ASTM E 1086
6	CHEMICAL- METALS & ALLOYS	Stainless Steel and Alloy steel	Phosphorus	ASTM E 1086
7	CHEMICAL- METALS & ALLOYS	Stainless Steel and Alloy steel	Silicon	ASTM E 1086
8	CHEMICAL- METALS & ALLOYS	Stainless Steel and Alloy steel	Sulfur	ASTM E 1086
9	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Alloy steel	% Elongation	ASTM A370
10	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Alloy steel	% Elongation	ISO 6892 (Part-1)
11	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Alloy steel	0.2% Proof Stress	ASTM A370
12	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Alloy steel	0.2% Proof Stress	ISO 6892(Part-1)
13	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Alloy steel	Brinell Hardness Testing (10/ 3000 kgf)	DIN EN ISO 6506-1
14	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Alloy steel	Charpy Impact Test V Notch (0 to -196 deg)	DIN EN ISO 148-1
15	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Alloy steel	Charpy Impact Test V Notch (ambient temperature)	DIN EN ISO 148-1

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16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel and Alloy steel	Tensile Strength	ASTM A370
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel and Alloy Steel	Tensile Strength	ISO 6892 (Part 1)
18	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Micro-structure	ASM VoL 9
19	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel and Alloy steel	Estimation of grain size (by microscopic comparison and intercept method)	ASTM E 112
20	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel and Alloy steel	Inclusion Rating Method A	ASTM E-45