National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TATA STEEL LIMITED - LDP DIVISION, AT ISHAMBA PHATA, TALUKA KHALAPUR, KHOPOLI, RAIGAD, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11231 **Page No** 1 of 2

Validity 21/12/2022 to 20/12/2024 **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	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal (Carbon Steel Welded Pipe)	Charpy Impact Test (V-Notch) (at + 40 °C to - 100 °C)	ASTM E23
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal (Carbon Steel Welded Pipes)	% Elongation	ASTM A370
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal (Carbon Steel Welded Pipes)	% Elongation	ASTM E8
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal (Carbon Steel Welded Pipes)	% Elongation	IS 1608 (Part 1)
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal (Carbon Steel Welded Pipes)	Charpy Impact Test (V Notch) (at +40 °C to -100 °C)	ASTM A370
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal (Carbon Steel Welded Pipes)	Ultimate Tensile Strength	ASTM A370
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal (Carbon Steel Welded Pipes)	Ultimate Tensile Strength	ASTM E8
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal (Carbon Steel Welded Pipes)	Ultimate Tensile Strength	IS 1608 (Part 1)
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal (Carbon Steel Welded Pipes)	Vickers Hardness Test (HV10)	ASTM E92
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal (Carbon Steel Welded Pipes)	Yield Strength (0.2% Proof Stress)	ASTM A370
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal (Carbon Steel Welded Pipes)	Yield Strength (0.2% Proof Stress)	ASTM E8
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal (Carbon Steel Welded Pipes)	Yield Strength (0.2% Proof Stress)	IS 1608 (Part 1)
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal (Carbon Steel Welded Pipes)	Yield Strength (0.5% Extension Under Load)	ASTM A370

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14	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Metal (Carbon Steel Welded Pipes)	Yield Strength (0.5% Extension Under Load)	ASTM E8
15	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE, PP, LDPE, MDPE, LLDPE, Molded Material, Samples/ Sheet	Density	ASTM D792
16	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE, PP, LDPE, MDPE, LLDPE, Molded Material, Samples/ Sheet	Density	ISO 1183 (Part 1)
17	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE, PP, LDPE, MDPE, LLDPE, Molded Material, Samples/ Sheet	Melt Flow Index	ASTM D1238
18	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE, PP, LDPE, MDPE, LLDPE, Molded Material, Samples/ Sheet	Melt Flow Index	ISO 1133
19	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE, PP, LDPE, MDPE, LLDPE, Molded Material, Samples/ Sheet	Specific Gravity	ASTM D792
20	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE, PP, LDPE, MDPE, LLDPE, Molded Material, Samples/ Sheet	Specific Gravity	ISO 1183 (Part 1)