National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TATA METALIKS LIMITED (DI PIPES DIVISION), VILLAGE MAHESPUR, PO SAMRAIPUR, KHARAGPUR, MEDINIPUR WEST, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5263 **Page No** 1 of 3

Validity 17/03/2022 to 16/03/2024 **Last Amended on** 11/05/2022

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	Cast Iron	Boron	TML/DIP/QCLAB/SOP/1-A Issue No. 02
2	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E 1999
3	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 15338
4	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E 1999
5	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	IS 15338
6	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	ASTM E 1999
7	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	IS 15338
8	CHEMICAL- METALS & ALLOYS	Cast Iron	Lead	TML/DIP/QCLAB/SOP/01-A Issue no. 02
9	CHEMICAL- METALS & ALLOYS	Cast Iron	Magnesium	TML/DIP/QCLAB/SOP/1-A Issue No. 02
10	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E 1999
11	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	IS 15338
12	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	ASTM E 1999
13	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	IS 15338
14	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E 1999
15	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 15338
16	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	ASTM E 1999
17	CHEMICAL- METALS & ALLOYS	Cast iron	Sulphur	IS 15338
18	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	ASTM E 1999

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19	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	IS 15338
20	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	ASTM E 1999
21	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	IS 15338
22	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	ASTM E 1999
23	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	IS 15338
24	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipe	% Elongation	IS 1608:Part 1
25	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron pipe	0.2% Proof Strength	IS 1608:Part 1
26	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipe	Brinell Hardness	IS 1500 part-1
27	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron pipes	% Elongation	ISO 6892 Part-1
28	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron pipes	0.2% Proof Strength	ISO 6892 Part-1
29	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron pipes	Brinell Hardness	ISO 6506 part-1
30	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron pipes	Ultimate Tensile Strength	IS 1608:Part 1
31	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron pipes	Ultimate Tensile Strength	ISO 6892 Part-1
32	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipes	Yield Strength	IS 1608:Part 1
33	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron pipes	Yield Strength	ISO 6892 Part-1

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34	MECHANICAL-METALLOGRAPHY TEST	Ductile Iron Pipe	Nodularity	ASTM E 2567
35	MECHANICAL-METALLOGRAPHY TEST	Ductile Iron Pipe	Nodule count	ASTM E 2567
36	MECHANICAL-METALLOGRAPHY TEST	Ductile Iron Pipe	Pearlite and Carbide	Foundryman`s guide to Ductile iron Microstructures 2nd Edition / American Foundrymen`s society (Section-III)
37	MECHANICAL-METALLOGRAPHY TEST	Ductile Iron pipes	Nodularity	ISO 945-2
38	MECHANICAL-METALLOGRAPHY TEST	Ductile Iron pipes	Nodule count	ISO 945-2