National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DI PIPE PHYSICAL & CHEMICAL TESTING LABORATORY ELECTROTHERM (INDIA) LIMITED, SURVEY NO.325, NH NO. 8A , 310 KM STONE TOLL NAKA, VILLAGE: SAMAKHIYALI,, BHACHAU, KUTCH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9171 **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	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E-1999
2	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 15338
3	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E-1999
4	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	IS 15338
5	CHEMICAL- METALS & ALLOYS	Cast Iron	Magnesium	JIS G 1253
6	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E-1999
7	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	IS 15338
8	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	ASTM E-1999
9	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	IS 15338
10	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E-1999
11	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 15338
12	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulfur	ASTM E-1999
13	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulfur	IS 15338
14	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	ASTM E-1999
15	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipe	Proof Strength (0.2% offset)	IS 1608 : Part 1
16	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron pipe	% of Elongation	IS 1608 : Part 1
17	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron pipe	% of Elongation	ISO 6892-1

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18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Iron pipe	Brinell hardness Test	IS 1500 : Part 1
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Iron pipe	Brinell hardness Test	ISO 6506-1
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipe	Proof Strength (0.2% offset)	ISO 6892-1
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Iron pipe	Ultimate Tensile Strength	IS 1608 : Part 1
22	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Iron pipe	Ultimate Tensile Strength	ISO 6892-1
23	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Iron pipe	Yield Strength	IS 1608 : Part 1
24	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Iron pipe	Yield Strength	ISO 6892-1
25	MECHANICAL-METALLOGRAPHY TEST	Ductile Iron pipe	Nodularity	ASTM E2567-16a
26	MECHANICAL-METALLOGRAPHY TEST	Ductile Iron pipe	Nodularity	ISO 945-2
27	MECHANICAL-METALLOGRAPHY TEST	Ductile Iron pipe	Nodule Count	ASTM E2567-16a
28	MECHANICAL-METALLOGRAPHY TEST	Ductile Iron pipe	Nodule Count	ISO 945-2