National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : JAI BALAJI INDUSTRIES LIMITED DIP LABORATORY, UNIT - III, VILLAGE BANSKOPA, P. O. RAJBANDH, DURGAPUR, PASCHIM BARDHAMAN, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10773 **Page No** 1 of 2

Validity 01/07/2022 to 30/06/2024 **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	Ductile Iron & Cast Iron	Carbon	ASTM E1999
2	CHEMICAL- METALS & ALLOYS	Ductile Iron & Cast Iron	Carbon	IS 15338
3	CHEMICAL- METALS & ALLOYS	Ductile Iron & Cast Iron	Chromium	ASTM E1999
4	CHEMICAL- METALS & ALLOYS	Ductile Iron & Cast Iron	Chromium	IS 15338
5	CHEMICAL- METALS & ALLOYS	Ductile Iron & Cast Iron	Manganese	ASTM E1999
6	CHEMICAL- METALS & ALLOYS	Ductile Iron & Cast Iron	Manganese	IS 15338
7	CHEMICAL- METALS & ALLOYS	Ductile Iron & Cast Iron	Phosphorus	ASTM E1999
8	CHEMICAL- METALS & ALLOYS	Ductile Iron & Cast Iron	Phosphorus	IS 15338
9	CHEMICAL- METALS & ALLOYS	Ductile Iron & Cast Iron	Silicon	ASTM E1999
10	CHEMICAL- METALS & ALLOYS	Ductile Iron & Cast Iron	Silicon	IS 15338
11	CHEMICAL- METALS & ALLOYS	Ductile Iron & Cast Iron	Sulphur	ASTM E1999
12	CHEMICAL- METALS & ALLOYS	Ductile Iron & Cast Iron	Sulphur	IS 15338
13	CHEMICAL- METALS & ALLOYS	Ductile Iron & Cast Iron	Titanium	ASTM E1999
14	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipes	% Elongation	IS 1608 (Part 1)
15	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipes	% Elongation	ISO 6892-1
16	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipes	Brinnel Hardness	IS 1500 (Part 1)
17	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipes	Brinnel Hardness	ISO 6506-1

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : JAI BALAJI INDUSTRIES LIMITED DIP LABORATORY, UNIT - III, VILLAGE BANSKOPA, P. O. RAJBANDH, DURGAPUR, PASCHIM BARDHAMAN, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10773 **Page No** 2 of 2

Validity 01/07/2022 to 30/06/2024 **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
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipes	Ultimate Tensile Strength	IS 1608 (Part 1)
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipes	Ultimate Tensile Strength	ISO 6892-1
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipes	Yield Stress/ 0.2% Proof Stress	IS 1608 (Part 1)
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipes	Yield Stress/ 0.2% Proof Stress	ISO 6892-1
22	MECHANICAL-METALLOGRAPHY TEST	Ductile Iron & Cast Iron	Micro Structural Analysis (By Comparison)	ASTM A247
23	MECHANICAL-METALLOGRAPHY TEST	Ductile Iron Pipes	Micro Structural Analysis (By Comparison)	ASM Handbook Book Volume 9
24	MECHANICAL-METALLOGRAPHY TEST	Ductile Iron Pipes	Micro Structural Analysis (By Comparison)	IS 7754
25	MECHANICAL-METALLOGRAPHY TEST	Ductile Iron Pipes	Micro Structural Analysis (By Comparison)	ISO 945-1