National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELECTROSTEEL CASTING LIMITED, FITTING & FOUNDRY WORKS, VILL.-KASHBERIA, P.O.-SHIBRAMNAGAR, HALDIA, PURBA MEDINIPUR, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6032 **Page No** 1 of 2

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 12/08/2022

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/DUCTILE IRON	% CARBON	ASTM E1999
2	CHEMICAL- METALS & ALLOYS	CAST/DUCTILE IRON	% MAGNESIUM	IS 15338
3	CHEMICAL- METALS & ALLOYS	CAST/DUCTILE IRON	% MANGANESE	ASTM E1999
4	CHEMICAL- METALS & ALLOYS	CAST/DUCTILE IRON	% PHOSPHOROUS	ASTM E1999
5	CHEMICAL- METALS & ALLOYS	CAST/DUCTILE IRON	% SULPHUR	ASTM E1999
6	CHEMICAL- METALS & ALLOYS	CAST/DUCTILE IRON	%SILICON	ASTM E1999
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	DI FITTINGS	YEILD STRESS /0.2 % PROOF STRESS	IS 1608 part1
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	DI FITTINGS	% ELONGATION	ASTM E-8M
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	DI FITTINGS	% ELONGATION	BSEN ISO 6892-1
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	DI FITTINGS	% ELONGATION	IS 1608 part 1
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	DI FITTINGS	BRINELL HARDNESS (TEST 5MM WC BALL & 750 HBW)	IS 1500 part1
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	DI FITTINGS	BRINELL HARDNESS (TEST 5MM WC BALL & 750 HBW)	ISO 6506-1
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	DI FITTINGS	ULTIMATE TENSILE STRENGTH	ASTM E-8M
14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	DI FITTINGS	ULTIMATE TENSILE STRENGTH	BSEN ISO 6892-1
15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	DI FITTINGS	ULTIMATE TENSILE STRENGTH	IS 1608 part1

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16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	DI FITTINGS	YEILD STRESS / 0.2 % PROOF STRESS	ASTM E-8M
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	DI FITTINGS	YS/0.2 % PROOF STRESS	BSEN ISO 6892-1
18	MECHANICAL-METALLOGRAPHY TEST	DUCTILE IRON FITTINGS	MICRO STRUCTURAL ANALYSIS(BY COMPARISON)	ISO 945-1