National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GSA INDUSTRIES, TESTING LABORATORY, VILLAGE DAULATPUR, RASULPUR JAURA ROAD, PATIALA, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10869 **Page No** 1 of 2

Validity 26/07/2022 to 25/07/2024 **Last Amended on** 11/09/2022

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	Carbon	ASTM E1999
2	CHEMICAL- METALS & ALLOYS	Cast iron	Chromium	ASTM E1999
3	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	ASTM E1999
4	CHEMICAL- METALS & ALLOYS	Cast Iron	Magnesium	ASTM E1999
5	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E1999
6	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E1999
7	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	ASTM E1999
8	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E1999
9	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	ASTM E1999
10	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	ASTM E1999
11	CHEMICAL- METALS & ALLOYS	Low carbon steel	Aluminium	ASTM E415
12	CHEMICAL- METALS & ALLOYS	Low carbon steel	Arsenic	ASTM E415
13	CHEMICAL- METALS & ALLOYS	Low carbon steel	Boron	ASTM E415
14	CHEMICAL- METALS & ALLOYS	Low carbon steel	Carbon	ASTM E415
15	CHEMICAL- METALS & ALLOYS	Low carbon steel	Chromium	ASTM E415
16	CHEMICAL- METALS & ALLOYS	Low carbon steel	Cobalt	ASTM E415
17	CHEMICAL- METALS & ALLOYS	Low carbon steel	Copper	ASTM E415
18	CHEMICAL- METALS & ALLOYS	Low carbon Steel	Lead	ASTM E415

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19	CHEMICAL- METALS & ALLOYS	Low carbon steel	Manganese	ASTM E415
20	CHEMICAL- METALS & ALLOYS	Low Carbon steel	Molybdenum	ASTM E415
21	CHEMICAL- METALS & ALLOYS	Low carbon steel	Nickel	ASTM E415
22	CHEMICAL- METALS & ALLOYS	Low carbon steel	Niobium	ASTM E415
23	CHEMICAL- METALS & ALLOYS	Low carbon steel	Phosphorus	ASTM E415
24	CHEMICAL- METALS & ALLOYS	Low carbon steel	Sulphur	ASTM E415
25	CHEMICAL- METALS & ALLOYS	Low carbon steel	Tin	ASTM E415
26	CHEMICAL- METALS & ALLOYS	Low carbon steel	Titanium	ASTM E415
27	CHEMICAL- METALS & ALLOYS	Low carbon steel	Vanadium	ASTM E415
28	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Iron Casting	Tensile Test (UTS)	IS 1608 – Part-1
29	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel & Cast Iron Products	Brinell Hardness	IS 1501 (Part 1)
30	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel & Cast Iron Products	Rockwell Hardness Test - HRBW	IS 1586 (Part 1)
31	MECHANICAL- METALLOGRAPHY TEST	Iron Casting	Evaluation of Microstructure	ASTM A247