National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : R.D.FORGE-TESTING LABORATORY, C-114, BULANDSHAHAR ROAD, INDUSTRIAL AREA, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10048 **Page No** 1 of 3

Validity 02/11/2021 to 01/11/2023 **Last Amended on** 03/06/2023

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	Carbon Steel and Alloy Steel	Titanium (Ti)	ASTM E 415
2	CHEMICAL- METALS & ALLOYS	Carbon Steel and Alloy Steel	Carbon (C)	ASTM E 415
3	CHEMICAL- METALS & ALLOYS	Carbon Steel and Alloy Steel	Chromium (Cr)	ASTM E 415
4	CHEMICAL- METALS & ALLOYS	Carbon Steel and Alloy Steel	Copper (Cu)	ASTM E 415
5	CHEMICAL- METALS & ALLOYS	Carbon Steel and Alloy Steel	Manganese (Mn)	ASTM E 415
6	CHEMICAL- METALS & ALLOYS	Carbon Steel and Alloy Steel	Molybdenum (Mo)	ASTM E 415
7	CHEMICAL- METALS & ALLOYS	Carbon Steel and Alloy Steel	Nickel (Ni)	ASTM E 415
8	CHEMICAL- METALS & ALLOYS	Carbon Steel and Alloy Steel	Phosphorus (P)	ASTM E 415
9	CHEMICAL- METALS & ALLOYS	Carbon Steel and Alloy Steel	Silicon (Si)	ASTM E 415
10	CHEMICAL- METALS & ALLOYS	Carbon Steel and Alloy Steel	Sulfur (S)	ASTM E 415
11	CHEMICAL- METALS & ALLOYS	Carbon Steel and Alloy Steel	Vanadium (V)	ASTM E 415
12	CHEMICAL- METALS & ALLOYS	Stainless Steel and Duplex Steel	Nickle (Ni)	JIS G 1253
13	CHEMICAL- METALS & ALLOYS	Stainless Steel and Duplex Steel	Phosphorus (P)	ASTM E 1086
14	CHEMICAL- METALS & ALLOYS	Stainless Steel and Duplex Steel	Carbon (C)	ASTM E 1086
15	CHEMICAL- METALS & ALLOYS	Stainless Steel and Duplex Steel	Chromium (Cr)	JIS G 1253
16	CHEMICAL- METALS & ALLOYS	Stainless Steel and Duplex Steel	Manganese (Mn)	ASTM E 1086
17	CHEMICAL- METALS & ALLOYS	Stainless Steel and Duplex Steel	Molybdenum (Mo)	ASTM E 1086
18	CHEMICAL- METALS & ALLOYS	Stainless Steel and Duplex Steel	Silicon (Si)	ASTM E 1086

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19	CHEMICAL- METALS & ALLOYS	Stainless Steel and Duplex Steel	Sulfur (S)	ASTM E 1086
20	CHEMICAL- METALS & ALLOYS	Stainless Steel and Duplex Steel	Vanadium (V)	JIS G 1253
21	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel and Alloy Steel	% Elongation	ASME SA 370
22	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel and Alloy Steel	% Reduction Area	ASME SA 370
23	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel and Alloy Steel	0.2% Proof Stress	ASME SA 370
24	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel and Alloy Steel	Brinell Hardness	ASME SA 370
25	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel and Alloy Steel	Tensile Strength	ASME SA 370
26	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel and Alloy Steel	V Notch Charpy Impact Testing	ASME SA 370
27	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel and Alloy Steel	V Notch Charpy Impact Testing	ISO 148-1
28	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Duplex Steel	0.2% Proof Stress	ASME SA 370
29	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Duplex Stainless Steel	Tensile Strength	ASME SA 370
30	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Duplex Steel	% Elongation	ASME SA 370
31	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Duplex Steel	% Reduction Area	ASME SA 370
32	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stainless Steel and Duplex Steel	Brinell hardness	ASME SA 370

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33	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel and Duplex Steel	V Notch Charpy Impact Testing	ASME SA 370
34	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel and Duplex Steel	V Notch Charpy Impact Testing	ISO 148-1