National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CHEMICAL AND MECHANICAL LABORATORY SMALL ARMS FACTORY KANPUR, KALPI ROAD, KANPUR, KANPUR NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11428 **Page No** 1 of 3

Validity 11/03/2023 to 10/03/2025 **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	High Speed Steel	CHROMIUM	JIS G 1253
2	CHEMICAL- METALS & ALLOYS	High Speed Steel	MOLYBDENUM	JIS G 1253
3	CHEMICAL- METALS & ALLOYS	High Speed Steel	CARBON	JIS G 1253
4	CHEMICAL- METALS & ALLOYS	High Speed Steel	MANGANESE	JIS G 1253
5	CHEMICAL- METALS & ALLOYS	High Speed Steel	PHOSPHORUS	JIS G 1253
6	CHEMICAL- METALS & ALLOYS	High Speed Steel	SILICON	JIS G 1253
7	CHEMICAL- METALS & ALLOYS	High Speed Steel	SULPHUR	JIS G 1253
8	CHEMICAL- METALS & ALLOYS	High Speed Steel	TUNGSTEN	JIS G 1253
9	CHEMICAL- METALS & ALLOYS	High Speed Steel	VANADIUM	JIS G 1253
10	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	CARBON	ASTM E-415
11	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	CARBON	IS-228
12	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	CHROMIUM	ASTM E-415
13	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	CHROMIUM	IS-228
14	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	MANGANESE	ASTM E-415
15	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	MANGANESE	IS-228
16	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	MOLYBDENUM	ASTM E-415
17	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	MOLYBDENUM	IS-228
18	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	NICKEL	ASTM E-415

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Certificate Number TC-11428 **Page No** 2 of 3

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19	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	NICKEL	IS-228
20	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	PHOSPHORUS	ASTM E-415
21	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	PHOSPHORUS	IS-228
22	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	SILICON	ASTM E-415
23	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	SULPHUR	ASTM E-415
24	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	SULPHUR	IS-228
25	CHEMICAL- METALS & ALLOYS	Stainless Steel	MOLYBDENUM	ASTM E-1086
26	CHEMICAL- METALS & ALLOYS	Stainless Steel	NICKEL	ASTM E-1086
27	CHEMICAL- METALS & ALLOYS	Stainless Steel	NICKEL	IS-228
28	CHEMICAL- METALS & ALLOYS	Stainless Steel	CARBON	ASTM E-1086
29	CHEMICAL- METALS & ALLOYS	Stainless Steel	CARBON	IS-228
30	CHEMICAL- METALS & ALLOYS	Stainless Steel	CHROMIUM	ASTM E-1086
31	CHEMICAL- METALS & ALLOYS	Stainless Steel	CHROMIUM	IS-228
32	CHEMICAL- METALS & ALLOYS	Stainless Steel	MANGANESE	ASTM E-1086
33	CHEMICAL- METALS & ALLOYS	Stainless Steel	MANGANESE	IS-228
34	CHEMICAL- METALS & ALLOYS	Stainless Steel	PHOSPHORUS	ASTM E-1086
35	CHEMICAL- METALS & ALLOYS	Stainless Steel	PHOSPHOURS	IS-228
36	CHEMICAL- METALS & ALLOYS	Stainless Steel	SILICON	ASTM E-1086
37	CHEMICAL- METALS & ALLOYS	Stainless Steel	SULPHUR	ASTM E-1086

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38	CHEMICAL- METALS & ALLOYS	Stainless Steel	SULPHUR	IS-228
39	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Low Alloy Steel, Stainless Steel, High Speed Steel	IZOD IMPACT TESTING	IS:1598
40	MECHANICAL- METALLOGRAPHY TEST	Low Alloy Steel, Stainless Steel, High Speed Steel	DETERMINATION OF NON METAL INCLUSION CONTENT(NMIR)	IS-4163
41	MECHANICAL- METALLOGRAPHY TEST	Low Alloy Steel, Stainless Steel, High Speed Steel	MACRO ETCH TEST	IS-13015
42	MECHANICAL- TEXTILE MATERIALS	Medical Textiles	RESISTANCE OF MEDICAL FACE MASKS TO PENETRATION BY SYNTHETIC BLOOD (HORIZONTAL PROJECTION OF FIXED VOLUME AT KNOWN VELOCITY)	ASTM F1862/F1862M
43	MECHANICAL- TEXTILE MATERIALS	Medical Textiles	RESISTANCE OF PROTECTIVE CLOTHING MATERIALS TO PENETRATION BY BLOOD AND BODY FLUIDS(PROCEDURE C AND D)	ISO-16603
44	MECHANICAL- TEXTILE MATERIALS	Medical Textiles	RESISTANCE TO MATERIALS USED IN PROTECTIVE CLOTHING TO PENETRATION BY SYNTHETIC BLOOD	ASTM F-1670