National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SLR METALIKS LIMITED, NARAYAN DEVARA KERE, LOKAPPANA HOLA, HAGARI BOMMANA HALLI, BELLARY, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8713 **Page No** 1 of 4

Validity 28/12/2022 to 27/12/2024 **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	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Aluminium (Al)	ASTM E415
2	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Antimony (Sb)	ASTM E415
3	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Carbon (C)	ASTM E415
4	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Calcium (Ca)	ASTM E415
5	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Carbon (C)	ASTM E1019 & IS 228 (Part 20)
6	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Chromium (Cr)	ASTM E415
7	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Cobalt (Co)	ASTM E415
8	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Copper (Cu)	ASTM E415
9	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Hydrogen (H)	IS 228 (Part 22)
10	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Lead (Pb)	ASTM E415
11	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Manganese (Mn)	ASTM A415
12	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Molybdenum (Mo)	ASTM E415
13	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Nickle (Ni)	ASTM E415
14	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Niobium (Nb)	ASTM E415
15	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Nitrogen	ASTM E 1019
16	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Oxygen	ASTM E 1019
17	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Phosphorus (P)	ASTM E415
18	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Silicon (Si)	ASTM E415

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19	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Sulfur (S)	ASTM E1019 & IS 228 (Part 20)
20	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Sulfur (S)	ASTM E415
21	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Tin (Sn)	ASTM E415
22	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Titanium (Ti)	ASTM E415
23	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Tungsten (W)	ASTM E415
24	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Vanadium (V)	ASTM E415
25	CHEMICAL- METALS & ALLOYS	Carbon steel, Alloy Steel, free cutting steel & Cast Iron	Zirconium (Zr)	ASTM E415
26	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E1019
27	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulfur (S)	ASTM E1019
28	CHEMICAL- METALS & ALLOYS	Free Cutting Steel	Aluminium (Al)	ASTM E415
29	CHEMICAL- METALS & ALLOYS	Free Cutting Steel	Carbon (C)	ASTM E415
30	CHEMICAL- METALS & ALLOYS	Free Cutting Steel	Chromium (Cr)	ASTM E415
31	CHEMICAL- METALS & ALLOYS	Free Cutting Steel	Cobalt (Co)	ASTM E415
32	CHEMICAL- METALS & ALLOYS	Free Cutting Steel	Copper (Cu)	ASTM E415
33	CHEMICAL- METALS & ALLOYS	Free Cutting Steel	Lead (Pb)	ASTM E415
34	CHEMICAL- METALS & ALLOYS	Free Cutting Steel	Manganese (Mn)	ASTM E415
35	CHEMICAL- METALS & ALLOYS	Free Cutting Steel	Molybdenum (Mo)	ASTM E415
36	CHEMICAL- METALS & ALLOYS	Free Cutting Steel	Nickle (Ni)	ASTM E415
37	CHEMICAL- METALS & ALLOYS	Free Cutting Steel	Phosphorus (P)	ASTM E415

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38	CHEMICAL- METALS & ALLOYS	Free Cutting Steel	Silicon (Si)	ASTM E415
39	CHEMICAL- METALS & ALLOYS	Free Cutting Steel	Sulfur (S)	ASTM E415
40	CHEMICAL- METALS & ALLOYS	Free Cutting Steel	Tin (Sn)	ASTM E415
41	CHEMICAL- METALS & ALLOYS	Free Cutting Steel	Titanium (Ti)	ASTM E415
42	CHEMICAL- METALS & ALLOYS	Free Cutting Steel	Tungsten (W)	ASTM E415
43	CHEMICAL- METALS & ALLOYS	Free Cutting Steel	Vanadium (V)	ASTM E415
44	CHEMICAL- METALS & ALLOYS	Free Cutting Steel	Zirconium (Zr)	ASTM E415
45	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	"Jominy End Quench (Hardenability from end quench distance 1mm to 50 mm & 1/16 inch to 32/16 inch) "	ASTM A255
46	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Blue Fracture	IS 10138
47	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Brinell Hardness test	ASTM E10
48	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Cold Upset	IS 11169 (Part 1)
49	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Elongation	ASTM A370, ASTM E8
50	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Impact Test (Charpy Test Temperature -50 °C to ambient)	IS 1757
51	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Rock Well Hardness Test (HRB)	ASTM E18
52	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Rockwell Hardness Test (HRC)	ASTM E18

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53	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Tensile Test (Reduction Area)	ASTM A370, ASTM E8
54	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Tensile Test (UTS)	ASTM A370, ASTM E8
55	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Yield Strength	ASTM A370 ASTM E8
56	MECHANICAL-METALLOGRAPHY TEST	steel	Carbide Banding	SEP 1520
57	MECHANICAL-METALLOGRAPHY TEST	Steel	Depth of Decarburization- By Microscopical method	ASTM E1077
58	MECHANICAL-METALLOGRAPHY TEST	steel	Grain Size	ASTM E112 (Comparison Method)
59	MECHANICAL-METALLOGRAPHY TEST	steel	Inclusion Rating	ASTM E45
60	MECHANICAL-METALLOGRAPHY TEST	steel	Macrostreak flaw	IS 4075
61	MECHANICAL-METALLOGRAPHY TEST	steel	Macro-Structural Examination	ASTM E381 "ASTM 381 Plate I, Plate III comparison"