National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MATLABS INDIA, PLOT NO. J-5 BLOCK, SECTOR TELCO ROAD, BHOSARI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9624 **Page No** 1 of 9

Validity 23/06/2021 to 22/06/2023 **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	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E 415
2	CHEMICAL- METALS & ALLOYS	ALUMINIUM	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E 415
3	CHEMICAL- METALS & ALLOYS	ALUMINIUM	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	IS 8811
4	CHEMICAL- METALS & ALLOYS	BORON	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E 415
5	CHEMICAL- METALS & ALLOYS	BORON	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	IS 8811
6	CHEMICAL- METALS & ALLOYS	CARBON	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	IS 8811
7	CHEMICAL- METALS & ALLOYS	CARBON	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	ASTM E1086
8	CHEMICAL- METALS & ALLOYS	CARBON	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	IS 9879
9	CHEMICAL- METALS & ALLOYS	CHROMIUM	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E 415
10	CHEMICAL- METALS & ALLOYS	CHROMIUM	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E1251
11	CHEMICAL- METALS & ALLOYS	CHROMIUM	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	IS 8811
12	CHEMICAL- METALS & ALLOYS	CHROMIUM	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	ASTM E1086
13	CHEMICAL- METALS & ALLOYS	CHROMIUM	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	IS 9879

SCOPE OF ACCREDITATION

Laboratory Name : MATLABS INDIA, PLOT NO. J-5 BLOCK, SECTOR TELCO ROAD, BHOSARI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9624 **Page No** 2 of 9

Validity 23/06/2021 to 22/06/2023 **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
14	CHEMICAL- METALS & ALLOYS	COBALT	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E 1251
15	CHEMICAL- METALS & ALLOYS	COPPER	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E 1251
16	CHEMICAL- METALS & ALLOYS	COPPER	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E415
17	CHEMICAL- METALS & ALLOYS	COPPER	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	IS 8811
18	CHEMICAL- METALS & ALLOYS	COPPER	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	ASTM E1086
19	CHEMICAL- METALS & ALLOYS	COPPER	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	IS 9879
20	CHEMICAL- METALS & ALLOYS	IRON	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E 1251
21	CHEMICAL- METALS & ALLOYS	LEAD	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E 1251
22	CHEMICAL- METALS & ALLOYS	LEAD	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	ASTM E415
23	CHEMICAL- METALS & ALLOYS	LEAD	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	IS 8811
24	CHEMICAL- METALS & ALLOYS	MAGNESIUM	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E 1251
25	CHEMICAL- METALS & ALLOYS	MANGANESE	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E 1251
26	CHEMICAL- METALS & ALLOYS	MANGANESE	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E415
27	CHEMICAL- METALS & ALLOYS	MANGANESE	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	IS 8811

SCOPE OF ACCREDITATION

Laboratory Name : MATLABS INDIA, PLOT NO. J-5 BLOCK, SECTOR TELCO ROAD, BHOSARI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9624 **Page No** 3 of 9

Validity 23/06/2021 to 22/06/2023 **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
28	CHEMICAL- METALS & ALLOYS	MANGANESE	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	ASTM E1086
29	CHEMICAL- METALS & ALLOYS	MANGANESE	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	IS 9879
30	CHEMICAL- METALS & ALLOYS	MOLYBDENUM	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E415
31	CHEMICAL- METALS & ALLOYS	MOLYBDENUM	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	IS 8811
32	CHEMICAL- METALS & ALLOYS	MOLYBDENUM	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	ASTM E1086
33	CHEMICAL- METALS & ALLOYS	MOLYBDENUM	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	IS 9879
34	CHEMICAL- METALS & ALLOYS	NICKEL	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E 1251
35	CHEMICAL- METALS & ALLOYS	NICKEL	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E415
36	CHEMICAL- METALS & ALLOYS	NICKEL	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	IS 8811
37	CHEMICAL- METALS & ALLOYS	NICKEL	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	ASTM E1086
38	CHEMICAL- METALS & ALLOYS	NICKEL	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	IS 9879
39	CHEMICAL- METALS & ALLOYS	NIOBIUM	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E415
40	CHEMICAL- METALS & ALLOYS	NIOBIUM	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	IS 8811
41	CHEMICAL- METALS & ALLOYS	NIOBIUM	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	ASTM E1086

SCOPE OF ACCREDITATION

Laboratory Name : MATLABS INDIA, PLOT NO. J-5 BLOCK, SECTOR TELCO ROAD, BHOSARI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9624 **Page No** 4 of 9

Validity 23/06/2021 to 22/06/2023 **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
42	CHEMICAL- METALS & ALLOYS	NIOBIUM	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	IS 9879
43	CHEMICAL- METALS & ALLOYS	PHOSPHORUS	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	IS 8811
44	CHEMICAL- METALS & ALLOYS	PHOSPHORUS	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	ASTM E1086
45	CHEMICAL- METALS & ALLOYS	PHOSPHORUS	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	ASTM E415
46	CHEMICAL- METALS & ALLOYS	PHOSPHORUS	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	IS 9879
47	CHEMICAL- METALS & ALLOYS	SILICON	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E 1251
48	CHEMICAL- METALS & ALLOYS	SILICON	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E415
49	CHEMICAL- METALS & ALLOYS	SILICON	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	IS 8811
50	CHEMICAL- METALS & ALLOYS	SILICON	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	ASTM E1086
51	CHEMICAL- METALS & ALLOYS	SILICON	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	IS 9879
52	CHEMICAL- METALS & ALLOYS	SULFUR	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E415
53	CHEMICAL- METALS & ALLOYS	SULFUR	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	IS 8811
54	CHEMICAL- METALS & ALLOYS	SULFUR	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	ASTM E1086
55	CHEMICAL- METALS & ALLOYS	SULFUR	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	IS 9879

SCOPE OF ACCREDITATION

Laboratory Name : MATLABS INDIA, PLOT NO. J-5 BLOCK, SECTOR TELCO ROAD, BHOSARI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9624 **Page No** 5 of 9

Validity 23/06/2021 to 22/06/2023 **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
56	CHEMICAL- METALS & ALLOYS	TIN	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E 1251
57	CHEMICAL- METALS & ALLOYS	TITANIUM	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E 1251
58	CHEMICAL- METALS & ALLOYS	TITANIUM	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E415
59	CHEMICAL- METALS & ALLOYS	TITANIUM	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	IS 8811
60	CHEMICAL- METALS & ALLOYS	VANADIUM	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E 1251
61	CHEMICAL- METALS & ALLOYS	VANADIUM	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	ASTM E1086
62	CHEMICAL- METALS & ALLOYS	VANADIUM	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	ASTM E415
63	CHEMICAL- METALS & ALLOYS	VANADIUM	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	IS 8811
64	CHEMICAL- METALS & ALLOYS	VANADIUM	CHEMICAL ANALYSIS BY OPTICAL SPECTROMETER SPECTROMETER	IS 9879
65	CHEMICAL- METALS & ALLOYS	ZINC	CHEMICAL ANALYSIS BY OPTICAL EMISSION SPECTROMETER	ASTM E 1251
66	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous / Non Ferrous Plates, Rods and Tor steel	BEND TEST	IS1599
67	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous metals	CHARPY IMPACT V NOTCH AMBIENT TEMPERATURE AND SUB-ZERO (UPTO-40 DEGREE CELCIUS)	IS 1757- PART1
68	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous metals	HARDNESS BY BRINELL METHOD (10MM BALL/3000KGF LOAD	IS 1500 PART 1

SCOPE OF ACCREDITATION

Laboratory Name : MATLABS INDIA, PLOT NO. J-5 BLOCK, SECTOR TELCO ROAD, BHOSARI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9624 **Page No** 6 of 9

Validity 23/06/2021 to 22/06/2023 **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
69	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous metals	HARDNESS BY BRINELL METHOD (2.5MM BALL/187.5KGF LOAD	IS 1500 PART 1
70	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous metals	HARDNESS BY BRINELL METHOD (5MM BALL/250 KGF LOAD	IS 1500 PART 1
71	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous metals	HARDNESS BY BRINELL METHOD (5MM BALL/750KGF LOAD)	IS 1500 PART 1
72	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous metals	HARDNESS BY ROCKWELL METHOD	IS 1586 PART 1
73	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous metals	HARDNESS BY ROCKWELL METHOD	IS 1586 PART 1
74	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous metals	HARDNESS BY ROCKWELL METHOD	IS 1586 PART 1
75	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous components	JOMINY TEST	ASTM A255-10
76	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Components	JOMINY TEST	IS 3848
77	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals, Non-Ferrous & Welded Joints	HARDNESS BY MICRO-VICKERS METHOD	ASTM E384
78	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals, Non-Ferrous & Welded Joints	HARDNESS BY MICRO-VICKERS METHOD	ASTM E384
79	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals, Non-Ferrous & Welded Joints	HARDNESS BY MICRO-VICKERS METHOD	ASTM E384
80	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals, Non-Ferrous & Welded Joints	HARDNESS BY MICRO-VICKERS METHOD	ASTM E384
81	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals, Non-Ferrous & Welded Joints	HARDNESS BY MICRO-VICKERS METHOD	IS 1501
82	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals, Non-Ferrous & Welded Joints	HARDNESS BY MICRO-VICKERS METHOD	IS 1501 PART 1

SCOPE OF ACCREDITATION

Laboratory Name : MATLABS INDIA, PLOT NO. J-5 BLOCK, SECTOR TELCO ROAD, BHOSARI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9624 **Page No** 7 of 9

Validity 23/06/2021 to 22/06/2023 **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
83	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals, Non-Ferrous & Welded Joints	HARDNESS BY MICRO-VICKERS METHOD	IS 1501 PART 1
84	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals, Non-Ferrous & Welded Joints	HARDNESS BY MICRO-VICKERS METHOD	IS 1501 PART 1
85	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Cast iron, Al-Al alloys, Cu-Cu alloys.	ELONGATION	IS 1608
86	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Cast iron, Al-Al alloys, Cu-Cu alloys.	REDUCTION IN AREA	IS 1608 PART 1
87	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Cast iron, Al-Al alloys, Cu-Cu alloys.	TENSILE Strength	IS 1608 PART 1
88	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Cast iron, Al-Al alloys, Cu-Cu alloys.	TENSILE TEST	IS 1608 PART 1
89	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Cast iron, Al-Al alloys, Cu-Cu alloys.	ULTIMATE TENSILE STRESS	IS 1608 PART 1
90	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Cast iron, Al-Al alloys, Cu-Cu alloys.	YIELD STRESS	IS 1608 PART 1
91	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steels, Ferrous Metals, Non-Ferrous & Welded Joints	EFFECTIVE CASE DEPTH BY MICRO HARDNESS	IS 6416
92	MECHANICAL-METALLOGRAPHY TEST	CAST IRONS:WHITE/GRAY IRON, MALLEABLE IRON, DUCTILE IRON, NODULAR/SG IRON	MICRO-STRUCTURE ANALYSIS	ASTM A247
93	MECHANICAL-METALLOGRAPHY TEST	DUCTILE IRON, NODULAR/SG IRON	NODULARITY & NODULE COUNT BY IMAGE ANALYSIS	ASTM A247
94	MECHANICAL-METALLOGRAPHY TEST	DUCTILE IRON, NODULAR/SG IRON	NODULARITY & NODULE COUNT BY IMAGE ANALYSIS	ASTM E2567
95	MECHANICAL-METALLOGRAPHY TEST	DUCTILE IRON, NODULAR/SG IRON	NODULARITY & NODULE COUNT BY IMAGE ANALYSIS	ASTM E562
96	MECHANICAL-METALLOGRAPHY TEST	DUCTILE IRON, NODULAR/SG IRON	NODULARITY & NODULE COUNT BY IMAGE ANALYSIS	IS 7754
97	MECHANICAL-METALLOGRAPHY TEST	FERROUS & NON FERROUS	COATING THICKNESS	IS 3203

SCOPE OF ACCREDITATION

Laboratory Name : MATLABS INDIA, PLOT NO. J-5 BLOCK, SECTOR TELCO ROAD, BHOSARI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9624 **Page No** 8 of 9

Validity 23/06/2021 to 22/06/2023 **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
98	MECHANICAL-METALLOGRAPHY TEST	FERROUS & NON-FERROUS	ESTIMATION OF GRAIN SIZE BY MICROSCOPY METHOD(USING CHART) ESTIMATION OF GRAIN SIZE BY IMAGE ANALYSIS	ASTM E1382
99	MECHANICAL-METALLOGRAPHY TEST	FERROUS & NON-FERROUS	ESTIMATION OF GRAIN SIZE BY MICROSCOPY METHOD(USING CHART) ESTIMATION OF GRAIN SIZE BY IMAGE ANALYSIS	IS 4748
100	MECHANICAL-METALLOGRAPHY TEST	FERROUS & NON-FERROUS	MICRO-STRUCTURE ANALYSIS	ASM HANDBOOK VOLUME 9
101	MECHANICAL-METALLOGRAPHY TEST	FERROUS & NON-FERROUS	MICRO-STRUCTURE ANALYSIS	IS 7739 PART 1, 2,3,4,5 & 7
102	MECHANICAL-METALLOGRAPHY TEST	FERROUS & NON-FERROUS METALS	ESTIMATION OF GRAIN SIZE BY MICROSCOPY METHOD(USING CHART) ESTIMATION OF GRAIN SIZE BY IMAGE ANALYSIS	ASTM E112
103	MECHANICAL-METALLOGRAPHY TEST	FERROUS & NON-FERROUS METALS AND ALLOYS, STEEL BARS, BILLETS, BLOOMS, FORGING	MACRO-STRUCTURE ANALYSIS	IS 11371
104	MECHANICAL-METALLOGRAPHY TEST	FERROUS & NON-FERROUS METALS AND ALLOYS, STEEL BARS, BILLETS, BLOOMS, FORGING	MACRO-STRUCTURE ANALYSIS	IS 13015
105	MECHANICAL-METALLOGRAPHY TEST	FILTER PAPER	CLEANLINESS STUDY BY PARTICLE SIZE AND COUNT ANALYSIS	ISO 16232
106	MECHANICAL-METALLOGRAPHY TEST	FILTER PAPER	CLEANLINESS STUDY BY PARTICLE SIZE AND COUNT ANALYSIS	ISO 4406
107	MECHANICAL-METALLOGRAPHY TEST	FILTER PAPER	CLEANLINESS STUDY BY PARTICLE SIZE AND COUNT ANALYSIS	ISO 4407
108	MECHANICAL-METALLOGRAPHY TEST	GRAY IRON	FLAKE TYPE & SIZE ANALYSIS	IS 7754
109	MECHANICAL-METALLOGRAPHY TEST	GRAY IRON	FLAKE TYPE AND SIZE ANALYSIS	ASTM A247
110	MECHANICAL-METALLOGRAPHY TEST	Micro structure Test	CAST IRONS:WHITE/GRAY IRON, MALLEABLE IRON, DUCTILE IRON, NODULAR/SG IRON	IS 7754
111	MECHANICAL-METALLOGRAPHY TEST	MULTI PHASE METALS /ALLOYS	DETERMINATION OF VOLUME FRACTION OF PHASE	ASTM E562
112	MECHANICAL-METALLOGRAPHY TEST	STEELS	DETERMINATION OF DEPTH OF DECARBURIZATION	IS 6396

SCOPE OF ACCREDITATION

Laboratory Name : MATLABS INDIA, PLOT NO. J-5 BLOCK, SECTOR TELCO ROAD, BHOSARI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9624 **Page No** 9 of 9

Validity 23/06/2021 to 22/06/2023 **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
113	MECHANICAL-METALLOGRAPHY TEST	STEELS	DETERMINATION OF INCLUSION RATING METHOD A (MICROSCOPIC AND IMAGE ANALYSIS METHOD)	IS 4163
114	MECHANICAL-METALLOGRAPHY TEST	STEELS	DETERMINATION OF INCLUSION RATING METHOD A (MICROSCOPIC AND IMAGE ANALYSIS METHOD)	ASTM E45-18A
115	MECHANICAL-METALLOGRAPHY TEST	STEELS	DETERMINATION OF INCLUSION RATING(MICROSCOPIC AND IMAGE ANALYSIS METHOD	DIN 50602
116	MECHANICAL-METALLOGRAPHY TEST	WELDS IN METALLIC MATERIAL	MACRO-STRUCTURE ANALYSIS	ISO 17639
117	MECHANICAL-METALLOGRAPHY TEST	WELDS IN METALLIC MATERIAL	MACRO-STRUCTURE ANALYSIS	ISO 5817