National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHARMA ENTERPRISES (QC LABORATORY), PLOT NO. A29/9, PHASE-IV, CHAKAN MIDC INDUSTRIAL AREA, NIGHOJE, CHAKAN, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11492 **Page No** 1 of 10

Validity 23/03/2023 to 22/03/2025 **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	ALUMINIUM ALLOY	CHROMIUM	ASTM E 1251
2	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	CHROMIUM	IS 11035
3	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	COPPER	ASTM E 1251
4	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	COPPER	IS 11035
5	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	IRON	ASTM E 1251
6	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	IRON	IS 11035
7	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	LEAD	ASTM E 1251
8	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	MAGNESIUM	ASTM E 1251
9	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	MAGNESIUM	IS 11035
10	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	MANGANESE	ASTM E 1251
11	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	MANGANESE	IS 11035
12	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	NICKEL	ASTM E 1251
13	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	SILICON	ASTM E 1251
14	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	SILICON	IS 11035
15	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	TIN	ASTM E 1251
16	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	TITANIUM	ASTM E 1251
17	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	ZINC	ASTM E 1251
18	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	ZINC	IS 11035

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11492 **Page No** 2 of 10

Validity 23/03/2023 to 22/03/2025 **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
19	CHEMICAL- METALS & ALLOYS	CAST IRON	ALUMINIUM	IS 15338
20	CHEMICAL- METALS & ALLOYS	CAST IRON	CARBON	ASTM E 1999
21	CHEMICAL- METALS & ALLOYS	CAST IRON	CARBON	IS 15338
22	CHEMICAL- METALS & ALLOYS	CAST IRON	CHROMIUM	ASTM E 1999
23	CHEMICAL- METALS & ALLOYS	CAST IRON	CHROMIUM	IS 15338
24	CHEMICAL- METALS & ALLOYS	CAST IRON	COPPER	ASTM E 1999
25	CHEMICAL- METALS & ALLOYS	CAST IRON	COPPER	IS 15338
26	CHEMICAL- METALS & ALLOYS	CAST IRON	MANGANESE	ASTM E 1999
27	CHEMICAL- METALS & ALLOYS	CAST IRON	MANGANESE	IS 15338
28	CHEMICAL- METALS & ALLOYS	CAST IRON	MOLYBDENUM	ASTM E 1999
29	CHEMICAL- METALS & ALLOYS	CAST IRON	MOLYBDENUM	IS 15338
30	CHEMICAL- METALS & ALLOYS	CAST IRON	NICKEL	ASTM E 1999
31	CHEMICAL- METALS & ALLOYS	CAST IRON	NICKEL	IS 15338
32	CHEMICAL- METALS & ALLOYS	CAST IRON	PHOSPHORUS	ASTM E 1999
33	CHEMICAL- METALS & ALLOYS	CAST IRON	PHOSPHORUS	IS 15338
34	CHEMICAL- METALS & ALLOYS	CAST IRON	SILICON	ASTM E 1999
35	CHEMICAL- METALS & ALLOYS	CAST IRON	SILICON	IS 15338
36	CHEMICAL- METALS & ALLOYS	CAST IRON	SULFUR	ASTM E 1999
37	CHEMICAL- METALS & ALLOYS	CAST IRON	SULFUR	IS 15338

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11492 **Page No** 3 of 10

Validity 23/03/2023 to 22/03/2025 **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
38	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	ALUMINIUM	BS EN 15079
39	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	IRON	BS EN 15079
40	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	LEAD	BS EN 15079
41	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	NICKEL	BS EN 15079
42	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	PHOSPHORUS	BS EN 15079
43	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	SILICON	BS EN 15079
44	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	SULFUR	BS EN 15079
45	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	TIN	BS EN 15079
46	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	ZINC	BS EN 15079
47	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	ALUMINIUM	ASTM E 415
48	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	ALUMINIUM	IS 8811
49	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	BORON	ASTM E 415
50	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	BORON	IS 8811
51	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	CARBON	ASTM E 415
52	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	CARBON	IS 8811
53	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	CHROMIUM	ASTM E 415
54	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	CHROMIUM	IS 8811
55	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	COPPER	ASTM E 415
56	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	COPPER	IS 8811

SCOPE OF ACCREDITATION

Laboratory Name : SHARMA ENTERPRISES (QC LABORATORY), PLOT NO. A29/9, PHASE-IV, CHAKAN MIDC INDUSTRIAL AREA, NIGHOJE, CHAKAN, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11492 **Page No** 4 of 10

Validity 23/03/2023 to 22/03/2025 **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
57	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	MANGANESE	ASTM E 415
58	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	MANGANESE	IS 8811
59	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	MOLYBDENUM	ASTM E 415
60	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	MOLYBDENUM	IS 8811
61	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	NICKEL	ASTM E 415
62	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	NICKEL	IS 8811
63	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	NIOBIUM	ASTM E 415
64	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	NIOBIUM	IS 8811
65	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	PHOSPHORUS	ASTM E 415
66	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	PHOSPHORUS	IS 8811
67	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	SILICON	ASTM E 415
68	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	SILICON	IS 8811
69	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	SULFUR	ASTM E 415
70	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	SULFUR	IS 8811
71	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	TITANIUM	ASTM E 415
72	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	TITANIUM	IS 8811
73	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	VANADIUM	ASTM E 415
74	CHEMICAL- METALS & ALLOYS	LOW ALLOY CARBON STEEL	VANADIUM	IS 8811
75	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	CARBON	ASTM E 1086

SCOPE OF ACCREDITATION

Laboratory Name : SHARMA ENTERPRISES (QC LABORATORY), PLOT NO. A29/9, PHASE-IV, CHAKAN MIDC INDUSTRIAL AREA, NIGHOJE, CHAKAN, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11492 **Page No** 5 of 10

Validity 23/03/2023 to 22/03/2025 **Last Amended on** -

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76	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	CARBON	IS 9879
77	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	CHROMIUM	ASTM E 1086
78	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	CHROMIUM	IS 9879
79	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	COPPER	ASTM E 1086
80	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	COPPER	IS 9879
81	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	MANGANESE	ASTM E 1086
82	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	MANGANESE	IS 9879
83	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	MOLYBDENUM	ASTM E 1086
84	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	MOLYBDENUM	IS 9879
85	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	NICKEL	ASTM E 1086
86	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	NICKEL	IS 9879
87	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	PHOSPHORUS	ASTM E 1086
88	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	PHOSPHORUS	IS 9879
89	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	SILICON	ASTM E 1086
90	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	SILICON	IS 9879
91	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	SULFUR	ASTM E 1086
92	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	SULFUR	IS 9879
93	MECHANICAL- MECHANICAL PROPERTIES OF METALS	FERROUS METAL	% ELONGATION	IS 1608 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : SHARMA ENTERPRISES (QC LABORATORY), PLOT NO. A29/9, PHASE-IV, CHAKAN MIDC INDUSTRIAL AREA, NIGHOJE, CHAKAN, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11492 **Page No** 6 of 10

Validity 23/03/2023 to 22/03/2025 **Last Amended on** -

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94	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	% REDUCTION AREA	IS 1608 (Part 1)
95	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	0.2 % PROOF STRESS	IS 1608 (Part 1)
96	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	BEND TEST	IS 1599
97	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	BRINELL HARDNESS (HBW [10/3000])	ASTM E 10
98	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	BRINELL HARDNESS (HBW [10/3000])	IS 1500 (Part 1)
99	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	BRINELL HARDNESS (HBW [5/750])	ASTM E 10
100	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	BRINELL HARDNESS (HBW [5/750])	IS 1500 (Part 1)
101	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	CHARPY IMPACT TEST V-NOTCH	ASTM E 23
102	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	CHARPY IMPACT TEST V-NOTCH	IS 1757 (Part 1)
103	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	ERICHSEN CUPPING	IS 10175
104	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	FLARING/ DRIFT EXPANSION TEST	IS 2335
105	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	FLATTENING TEST	IS 2328
106	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	ROCKWELL HARDNESS (HRBW)	ASTM E 18
107	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	ROCKWELL HARDNESS (HRBW)	IS 1586 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : SHARMA ENTERPRISES (QC LABORATORY), PLOT NO. A29/9, PHASE-IV, CHAKAN MIDC INDUSTRIAL AREA, NIGHOJE, CHAKAN, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11492 **Page No** 7 of 10

Validity 23/03/2023 to 22/03/2025 **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
108	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	ROCKWELL HARDNESS (HRC)	ASTM E 18
109	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	ROCKWELL HARDNESS (HRC)	IS 1586 (Part 1)
110	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	TENSILE STRENGTH	IS 1608 (Part 1)
111	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	VICKERS HARDNESS (HV [10])	ASTM E 92
112	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	VICKERS HARDNESS (HV [10])	IS 1501 (Part 1)
113	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	VICKERS HARDNESS (HV [30])	ASTM E 92
114	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	VICKERS HARDNESS (HV [30])	IS 1501 (Part 1)
115	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	VICKERS HARDNESS (HV [5])	ASTM E 92
116	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	VICKERS HARDNESS (HV [5])	IS 1501 (Part 1)
117	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS METAL	YIELD STRENGTH	IS 1608 (Part 1)
118	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	% ELONGATION	IS 1608 (Part 1)
119	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	% REDUCTION AREA	IS 1608 (Part 1)
120	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	0.2% PROOF STRESS	IS 1608 (Part 1)
121	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	BEND TEST	IS 1599

SCOPE OF ACCREDITATION

Laboratory Name :	SHARMA ENTERPRISES (QC LABORATORY), PLOT NO. A29/9, PHASE-IV, CHAKAN MIDC INDUSTRIAL AREA, NIGHOJE, CHAKAN, PUNE, MAHARASHTRA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-11492
Page No	8 of 10
Validity	23/03/2023 to 22/03/2025
Last Amended on	-

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122	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	BRINELL HARDNESS (HBW [10/3000])	ASTM E 10
123	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	BRINELL HARDNESS (HBW [10/3000])	IS 1500 (Part 1)
124	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	BRINELL HARDNESS (HBW [5/750])	ASTM E 10
125	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	BRINELL HARDNESS (HBW [5/750])	IS 1500 (Part 1)
126	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	CHARPY IMPACT TEST V-NOTCH	ASTM E 23
127	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	CHARPY IMPACT TEST V-NOTCH	IS 1757 (Part 1)
128	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	ROCKWELL HARDNESS (HRBW)	ASTM E 18
129	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	ROCKWELL HARDNESS (HRBW)	IS 1586 (Part 1)
130	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	ROCKWELL HARDNESS (HRC)	ASTM E 18
131	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	ROCKWELL HARDNESS (HRC)	IS 1586 (Part 1)
132	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	TENSILE STRENGTH	IS 1608 (Part 1)
133	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	VICKERS HARDNESS (HV [10])	ASTM E 92
134	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	VICKERS HARDNESS (HV [10])	IS 1501 (Part 1)
135	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	VICKERS HARDNESS (HV [30])	ASTM E 92

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11492 **Page No** 9 of 10

Validity 23/03/2023 to 22/03/2025 **Last Amended on** -

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136	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	VICKERS HARDNESS (HV [30])	IS 1501 (Part 1)
137	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	VICKERS HARDNESS (HV [5])	ASTM E 92
138	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	VICKERS HARDNESS (HV [5])	IS 1501 (Part 1)
139	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METAL	YIELD STRENGTH	IS 1608 (Part 1)
140	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STAINLESS STEEL, STEEL, ALLOY PRODUCT	% ELONGATION	ASTM A 370
141	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STAINLESS STEEL, STEEL, ALLOY PRODUCT	% REDUCTION AREA	ASTM A 370
142	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STAINLESS STEEL, STEEL, ALLOY PRODUCT	0.2 % PROOF STRESS	ASTM A 370
143	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STAINLESS STEEL, STEEL, ALLOY PRODUCT	BEND TEST	ASTM A 370
144	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STAINLESS STEEL, STEEL, ALLOY PRODUCT	FLARING/ DRIFT EXPANSION TEST	ASTM A 370
145	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STAINLESS STEEL, STEEL, ALLOY PRODUCT	FLATTENING TEST	ASTM A 370
146	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STAINLESS STEEL, STEEL, ALLOY PRODUCT	TENSILE STRENGTH	ASTM A 370
147	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STAINLESS STEEL, STEEL, ALLOY PRODUCT	YIELD STRENGTH	ASTM A 370
148	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WROUGHT AND CAST ALUMINIUM AND MAGNESIUM ALLOY PRODUCTS	% ELONGATION	ASTM B 557
149	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WROUGHT AND CAST ALUMINIUM AND MAGNESIUM ALLOY PRODUCTS	% REDUCTION AREA	ASTM B 557

SCOPE OF ACCREDITATION

Laboratory Name : SHARMA ENTERPRISES (QC LABORATORY), PLOT NO. A29/9, PHASE-IV, CHAKAN MIDC INDUSTRIAL AREA, NIGHOJE, CHAKAN, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11492 **Page No** 10 of 10

Validity 23/03/2023 to 22/03/2025 **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
150	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WROUGHT AND CAST ALUMINIUM AND MAGNESIUM ALLOY PRODUCTS	0.2 % PROOF STRESS	ASTM B 557
151	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WROUGHT AND CAST ALUMINIUM AND MAGNESIUM ALLOY PRODUCTS	TENSILE STRENGTH	ASTM B 557
152	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WROUGHT AND CAST ALUMINIUM AND MAGNESIUM ALLOY PRODUCTS	YIELD STRENGTH	ASTM B 557