



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

TESTING LABORATORY , MAN INDUSTRIES (INDIA) LTD.

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

485/2, ANJAR MUNDRA HIGHWAY, ANJAR, KACHCHH, GUJARAT, INDIA

in the field of

TESTING

Certificate Number: TC-6501

Issue Date: 26/09/2023

Valid Until: 25/09/2025

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: MAN INDUSTRIES (INDIA) LTD

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	TESTING LABORATORY , MAN INDUSTRIES (INDIA) LTD., 485/2, ANJAR MUNDRA HIGHWAY, ANJAR, KACHCHH, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6501	Page No	1 of 10
Validity	26/09/2023 to 25/09/2025	Last Amended on	04/11/2023

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 and alloy Steel	Aluminum	ASTM E415
2	CHEMICAL- METALS & ALLOYS	Carbon and alloy Steel	Aluminum	IS 8811
3	CHEMICAL- METALS & ALLOYS	Carbon and alloy Steel	Boron	ASTM E415
4	CHEMICAL- METALS & ALLOYS	Carbon and alloy Steel	Boron	IS 8811
5	CHEMICAL- METALS & ALLOYS	Carbon and alloy Steel	Calcium	ASTM E415
6	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Carbon	ASTM E415
7	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Carbon	IS 8811
8	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Chromium	ASTM E415
9	CHEMICAL- METALS & ALLOYS	Carbon and alloy Steel	Chromium	IS 8811
10	CHEMICAL- METALS & ALLOYS	Carbon and alloy Steel	Copper	ASTM E415
11	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Copper	IS 8811
12	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Manganese	ASTM E415
13	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Manganese	IS 8811
14	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Molybdenum	ASTM E415
15	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Molybdenum	IS 8811
16	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Nickel	ASTM E415
17	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Nickel	IS 8811
18	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Niobium	ASTM E415



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	TESTING LABORATORY , MAN INDUSTRIES (INDIA) LTD., 485/2, ANJAR MUNDRA HIGHWAY, ANJAR, KACHCHH, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6501	Page No	2 of 10
Validity	26/09/2023 to 25/09/2025	Last Amended on	04/11/2023

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
19	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Niobium	IS 8811
20	CHEMICAL- METALS & ALLOYS	Carbon and alloy Steel	Nitrogen	ASTM E415
21	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Phosphorus	ASTM E 415
22	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Phosphorus	IS 8811
23	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Silicon	ASTM E 415
24	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Silicon	IS 8811
25	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Sulphur	ASTM E 415
26	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Sulphur	IS 8811
27	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Titanium	ASTM E415
28	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Titanium	IS 8811
29	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Vanadium	ASTM E415
30	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steel	Vanadium	IS 8811
31	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Cure Time	CAN/CSAZ 245.20 Series
32	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Cure Time	ISO 11357-1
33	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Cure Time	ISO 21809-1
34	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Cure Time	ISO 21809-2
35	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Cure Time	Nace SP 0394
36	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Density Test	CAN/CSA Z 245.20 Series
37	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Density Test	ISO 21809-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	TESTING LABORATORY , MAN INDUSTRIES (INDIA) LTD., 485/2, ANJAR MUNDRA HIGHWAY, ANJAR, KACHCHH, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6501	Page No	3 of 10
Validity	26/09/2023 to 25/09/2025	Last Amended on	04/11/2023

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
38	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Density test	ISO 21809-2
39	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Density test	ISO 8130-2
40	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Density test	NACE SP 0394
41	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Gel Time	CAN/CSAZ 245.20 Series
42	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Gel time	ISO 21809-1
43	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Gel Time	ISO 21809-2
44	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Gel Time	ISO 8130-6
45	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Gel Time	NACE SP 0394
46	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Moisture Content	CAN/CSA Z 245.20 Series
47	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Moisture Content	ISO 21809-1
48	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Moisture Content	ISO 21809-2
49	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Moisture Content	ISO 21809-2
50	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Moisture Content	NACE SP 0394
51	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Thermal Characteristics Delta H	CAN/CSA Z 245.20 Series
52	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Thermal Characteristics Delta H	ASTM D3418
53	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Thermal Characteristics Delta H	ISO 11357-1
54	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Thermal Characteristics Delta H	ISO 21809-1
55	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Thermal Characteristics Delta H	ISO 21809-2
56	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Thermal Characteristics Delta H	NACE SP 0394



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	TESTING LABORATORY , MAN INDUSTRIES (INDIA) LTD., 485/2, ANJAR MUNDRA HIGHWAY, ANJAR, KACHCHH, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6501	Page No	4 of 10
Validity	26/09/2023 to 25/09/2025	Last Amended on	04/11/2023

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
57	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Thermal Characteristics Tg1	ASTM D3418
58	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Thermal Characteristics Tg1	CAN/CSA Z 245.20 Series
59	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Thermal Characteristics Tg1	ISO 11357-1
60	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Thermal Characteristics Tg1	ISO 21809-1
61	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Thermal Characteristics Tg1	ISO 21809-2
62	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Thermal Characteristics Tg1	NACE SP 0394
63	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Thermal Characteristics Tg2	ASTM D3418
64	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Thermal Characteristics Tg2	CAN/CSA Z 245.20 Series
65	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Thermal Characteristics Tg2	ISO 11357-1
66	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Thermal Characteristics Tg2	ISO 21809-1
67	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Thermal Characteristics Tg2	ISO 21809-2
68	CHEMICAL- PAINTS & SURFACE COATING	Epoxy Powder	Thermal Characteristics Tg2	NACE SP 0394
69	CHEMICAL- PAINTS & SURFACE COATING	Fusion Bonded Epoxy Coated Sample	Interface Porosity Test	CAN/CSA Z 245.20 Series
70	CHEMICAL- PAINTS & SURFACE COATING	Fusion Bonded Epoxy Coated Sample	Interface Porosity Test	ISO 21809-2
71	CHEMICAL- PAINTS & SURFACE COATING	Fusion Bonded Epoxy Coated Sample	Interface Porosity Test	NACE SP 0394
72	CHEMICAL- PAINTS & SURFACE COATING	Fusion Bonded Epoxy Coated Sample	Cross Section Porosity Test	CAN/CSA Z 245.20 Series
73	CHEMICAL- PAINTS & SURFACE COATING	Fusion Bonded Epoxy Coated Sample	Cross Section Porosity Test	ISO 21809-2
74	CHEMICAL- PAINTS & SURFACE COATING	Fusion Bonded Epoxy Coated Sample	Cross Section Porosity Test	NACE SP 0394
75	CHEMICAL- PAINTS & SURFACE COATING	HDPE/PP/Adhesive	Oxidation Induction Time	ASTM D 3895



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	TESTING LABORATORY , MAN INDUSTRIES (INDIA) LTD., 485/2, ANJAR MUNDRA HIGHWAY, ANJAR, KACHCHH, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6501	Page No	5 of 10
Validity	26/09/2023 to 25/09/2025	Last Amended on	04/11/2023

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
76	CHEMICAL- PAINTS & SURFACE COATING	HDPE/PP/Adhesive	Oxidation Induction Time	ISO 11357-6
77	CHEMICAL- PAINTS & SURFACE COATING	HDPE/PP/Adhesive	Specific Gravity/Density	ASTM D 1505
78	CHEMICAL- PAINTS & SURFACE COATING	HDPE/PP/Adhesive	Specific Gravity/Density	ASTM D 792
79	CHEMICAL- PAINTS & SURFACE COATING	HDPE/PP/Adhesive	Specific Gravity/Density	ISO 1183-1
80	CHEMICAL- PAINTS & SURFACE COATING	Internal Liquid Epoxy	Cure Test	ISO 15741
81	CHEMICAL- PAINTS & SURFACE COATING	Internal Liquid Epoxy	Pin Hole Test On Epoxy Coated Glass Panel	ISO 15741
82	CHEMICAL- PAINTS & SURFACE COATING	Polyolefin Material	Melt Flow Test	ASTM D1238
83	CHEMICAL- PAINTS & SURFACE COATING	Polyolefin Material	Melt Flow Test	ISO 1133-2
84	CHEMICAL- PAINTS & SURFACE COATING	Polyolefin Material	Moisture Content Test	CAN/CSA Z 245.20 Series
85	CHEMICAL- PAINTS & SURFACE COATING	Polyolefin Material	Moisture Content Test	ISO 15512
86	CHEMICAL- PAINTS & SURFACE COATING	Solvent Base Liquid Epoxy	Non Volatile Content By Mass	ISO 3251
87	CHEMICAL- PAINTS & SURFACE COATING	Solvent Base Liquid Epoxy	Pigment Dispersion (Fineness Of Grind)	ISO 1524
88	CHEMICAL- PAINTS & SURFACE COATING	Solvent Free Liquid Epoxy	Density test	ISO 2811-1
89	CHEMICAL- PAINTS & SURFACE COATING	Testing On Solvent Free (Food Grade) Epoxy Coated Samples	Cross Cut Adhesion	ASTM D 3359
90	CHEMICAL- PAINTS & SURFACE COATING	Testing On Solvent Free (Food Grade) Epoxy Coated Samples	Cure (Solvent rub) Test Testing On Solvent Free (Food Grade) Epoxy Coated Samples	ASTM D 4752
91	CHEMICAL- PAINTS & SURFACE COATING	Testing On Solvent Free (Food Grade) Epoxy Coated Samples	Water Immersion	AWWA C210
92	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	% Elongation	ASTM A370
93	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	% Elongation	ASTM E8/E8M



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	TESTING LABORATORY , MAN INDUSTRIES (INDIA) LTD., 485/2, ANJAR MUNDRA HIGHWAY, ANJAR, KACHCHH, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6501	Page No	6 of 10
Validity	26/09/2023 to 25/09/2025	Last Amended on	04/11/2023

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
94	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	% Elongation	BS EN ISO 6892-1
95	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	% Elongation	IS 1608 (Part 1)
96	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Bend Test	ASTM A370
97	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Bend Test	ASTM E 190
98	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Bend Test	ASTM E 290
99	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Bend Test	ISO 7438
100	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Charpy Impact Test (V Notch from Ambient temperature to -60°C)	ASTM A 370
101	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Charpy Impact Test (V Notch from Ambient temperature to -60°C)	ASTM E 23
102	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Charpy Impact Test (V Notch from Ambient temperature to -60°C)	ISO 148-1
103	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Charpy Impact Test (V Notch from Ambient temperature to -60°C)	IS 1757 (Part1)
104	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	DROP WEIGHT TEAR TEST (Chevron Notch &Pressed Notch) from +100°C to -60°C	API RP 5L3
105	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Ultimate Tensile Strength	ASTM A 370
106	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Ultimate Tensile Strength	ASTM E8/E8M
107	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Ultimate Tensile Strength	BS EN ISO 6892-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	TESTING LABORATORY , MAN INDUSTRIES (INDIA) LTD., 485/2, ANJAR MUNDRA HIGHWAY, ANJAR, KACHCHH, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6501	Page No	7 of 10
Validity	26/09/2023 to 25/09/2025	Last Amended on	04/11/2023

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
108	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Ultimate Tensile Strength	IS 1608 (Part 1)
109	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Vickers Hardness (10 Kgf)	ASTM E92
110	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Vickers Hardness (10 Kgf)	IS 1501 (Part 1)
111	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Vickers Hardness (10Kgf)	ISO 6507-1
112	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Vickers Hardness (5Kgf)	ASTM E 92
113	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Vickers Hardness (5Kgf)	IS 1501 (Part 1)
114	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Vickers Hardness (5Kgf)	ISO 6507-1
115	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Yield Strength	ASTM A370
116	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Yield Strength	ASTM E8/E8M
117	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Yield Strength	BS EN ISO 6892-1
118	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel	Yield Strength	IS 1608 (Part 1)
119	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon and Low Steel	Bend Test	IS 1599
120	MECHANICAL- METALLOGRAPHY TEST	Carbon and Alloy Steel	Grain Size Analysis (Comparison Method)	ASTM E112
121	MECHANICAL- METALLOGRAPHY TEST	Carbon and Alloy Steel	Hydrogen Induced Cracking Test	NACE TM 0284



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	TESTING LABORATORY , MAN INDUSTRIES (INDIA) LTD., 485/2, ANJAR MUNDRA HIGHWAY, ANJAR, KACHCHH, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6501	Page No	8 of 10
Validity	26/09/2023 to 25/09/2025	Last Amended on	04/11/2023

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
122	MECHANICAL- METALLOGRAPHY TEST	Carbon and Alloy Steel	Macro Examination	ASTM E 340
123	MECHANICAL- METALLOGRAPHY TEST	Carbon and Alloy Steel	SULPHIDE STRESS CORROSION CRACKING TEST (SSCC) - Four Point Bend Test	ASTM G39
124	MECHANICAL- METALLOGRAPHY TEST	Carbon and Alloy Steel	SULPHIDE STRESS CORROSION CRACKING TEST (SSCC) - Four point bend test	NACE TM 0177
125	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Epoxy Powder	Sieve Analysis (150 Microns)	CAN/CSA Z 245.20 Series
126	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Epoxy Powder	Sieve Analysis (150 Microns)	ISO 21809-1
127	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Epoxy Powder	Sieve Analysis (150 Microns)	ISO 21809-2
128	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Epoxy Powder	Sieve Analysis (150 Microns)	ISO 8130-1
129	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Epoxy Powder	Sieve Analysis (150 Microns)	NACE SP 0394
130	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Epoxy Powder	Sieve Analysis (250 Microns)	CAN/CSA Z 245.20 Series
131	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Epoxy Powder	Sieve Analysis (250 Microns)	ISO 21809-1
132	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Epoxy Powder	Sieve Analysis (250 Microns)	ISO 21809-2
133	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Epoxy Powder	Sieve Analysis (250 Microns)	ISO 8130-1
134	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Epoxy Powder	Sieve Analysis (250 Microns)	NACE SP 0394
135	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FBE/3LPE/3LPP/ Paint Coated Sample	Cathodic Disbondment	ASTM G 95
136	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FBE/3LPE/3LPP/ Paint Coated Sample	Cathodic Disbondment	ASTM G42
137	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FBE/3LPE/3LPP/ Paint Coated Sample	Cathodic Disbondment	ASTM G8
138	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fusion Bonded Epoxy Coated Sample	Hot Water Test/Adhesion	ISO 21809-2
139	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fusion Bonded Epoxy Coated Sample	Cathodic Disbondment	CAN/CSA Z 245.20 Series



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	TESTING LABORATORY , MAN INDUSTRIES (INDIA) LTD., 485/2, ANJAR MUNDRA HIGHWAY, ANJAR, KACHCHH, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6501	Page No	9 of 10
Validity	26/09/2023 to 25/09/2025	Last Amended on	04/11/2023

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
140	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fusion Bonded Epoxy Coated Sample	Cathodic Disbondment	ISO 21809-2
141	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fusion Bonded Epoxy Coated Sample	Cathodic Disbondment	NACE SP 0394
142	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fusion Bonded Epoxy Coated Sample	Flexibility Test	CAN/CSA Z 245.20 Series
143	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fusion Bonded Epoxy Coated Sample	Flexibility Test	ISO 21809-2
144	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fusion Bonded Epoxy Coated Sample	Flexibility Test	NACE SP 0394
145	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fusion Bonded Epoxy Coated Sample	Hot Water Test/Adhesion	CAN/CSA Z 245.20 Series
146	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Liquid Epoxy Coated Sample	Adhesion Test	ISO 15741
147	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Liquid Epoxy Coated Sample	Buchholz Hardness	ISO 15741
148	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Liquid Epoxy Coated Sample	Buchholz Hardness	ISO 2815
149	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Liquid Epoxy Coated Sample	Cross-Cut Adhesion Test	ASTM D3359
150	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Liquid Epoxy Coated Sample	Pull - Of Adhesion [Method E]	ASTM D4541
151	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Liquid Epoxy Coated Sample	Tabor Abrasion	ASTM D4060
152	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefin Coated Sample (3-LAYER PE AND 3- LAYER PP)	Cathodic Disbondment	ISO 21809-1
153	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefin Coated Sample (3- layer PE and 3-layered PP)	Flexibility Test	ISO 21809-1
154	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefin Material	Vicat Softening	ASTM D1525
155	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefin Material	Vicat Softening	ISO 306
156	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefin Sample	Indentation @23°C	DIN 30670
157	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefin Sample	Elongation At Break	ASTM D638
158	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefin Sample	Elongation At Break	DIN 30670



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TESTING LABORATORY , MAN INDUSTRIES (INDIA) LTD., 485/2, ANJAR MUNDRA HIGHWAY,
ANJAR, KACHCHH, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-6501

Page No

10 of 10

Validity

26/09/2023 to 25/09/2025

Last Amended on

04/11/2023

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
159	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefin Sample	Elongation At Break	ISO 527-2
160	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefin Sample	Indentation @23°C	ISO 21809-1
161	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefin Sample	Indentation @70°C	DIN 30670
162	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefin Sample	Indentation @80°C	ISO 21809-1
163	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefin Sample	Shore D Hardness	ASTM D 2240
164	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefin Sample	Shore D Hardness	ISO 868
165	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefin Sample	Tensile Strength	ASTM D638
166	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefin Sample	Tensile Strength	DIN 30670
167	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefin Sample	Tensile Strength	ISO 527-2