SCOPE OF ACCREDITATION

Laboratory Name : MEGA PIPES PRIVATE LIMITED, SURVEY NO. 213, VILLAGE HEDAVALI, KHOPOLI PALI ROAD, JAMBULPADA, TALUKA - SUDHAGAD, KHOPOLI, RAIGAD, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 28/06/2022 to 27/06/2024 **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	Aluminum	ASTM E415
2	CHEMICAL- METALS & ALLOYS	Carbon Steel	Boron	ASTM E415
3	CHEMICAL- METALS & ALLOYS	Carbon Steel	Calcium	ASTM E415
4	CHEMICAL- METALS & ALLOYS	Carbon Steel	Carbon	ASTM E415
5	CHEMICAL- METALS & ALLOYS	Carbon Steel	Chromium	ASTM E415
6	CHEMICAL- METALS & ALLOYS	Carbon Steel	Copper	ASTM E415
7	CHEMICAL- METALS & ALLOYS	Carbon Steel	Manganese	ASTM E415
8	CHEMICAL- METALS & ALLOYS	Carbon Steel	Molybdenum	ASTM E415
9	CHEMICAL- METALS & ALLOYS	Carbon Steel	Nickel	ASTM E415
10	CHEMICAL- METALS & ALLOYS	Carbon Steel	Niobium	ASTM E415
11	CHEMICAL- METALS & ALLOYS	Carbon Steel	Nitrogen	ASTM E415
12	CHEMICAL- METALS & ALLOYS	Carbon Steel	Phosphorus	ASTM E415
13	CHEMICAL- METALS & ALLOYS	Carbon Steel	Silicon	ASTM E415
14	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulphur	ASTM E415
15	CHEMICAL- METALS & ALLOYS	Carbon Steel	Titanium	ASTM E415
16	CHEMICAL- METALS & ALLOYS	Carbon Steel	Vanadium	ASTM E415
17	CHEMICAL- PLASTIC & RESINS	Coating	Cathodic Disbondment	CAN CSA Z.245.20
18	CHEMICAL- PLASTIC & RESINS	Coating	Cathodic Disbondment	DIN 30670

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19	CHEMICAL- PLASTIC & RESINS	Coating	Cathodic Disbondment	ISO 21809-1
20	CHEMICAL- PLASTIC & RESINS	Coating	Cathodic Disbondment	ISO 21809-2
21	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder	Gel Time	CAN CSA Z.245.20
22	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder	Gel Time	ISO 21809-1
23	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder	Gel Time	ISO 21809-2
24	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder	Glass Transition - Tg1 (Thermal Characteristics)	CAN CSA Z.245.20
25	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder	Glass Transition - Tg1 (Thermal Characteristics)	ISO 21809-1
26	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder	Glass Transition - Tg1 (Thermal Characteristics)	ISO 21809-2
27	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder	Glass Transition - Tg2 (Thermal Characteristics)	CAN CSA Z.245.20
28	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder	Glass Transition - Tg2 (Thermal Characteristics)	ISO 21809-1
29	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder	Glass Transition - Tg2 (Thermal Characteristics)	ISO 21809-2
30	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder	Heat of Reaction – Delta H	CAN CSA Z.245.20
31	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder	Heat of Reaction – Delta H	ISO 21809-1
32	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder	Heat of Reaction – Delta H	ISO 21809-2
33	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder	Moisture Content Test	CAN CSA Z.245.20
34	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder	Moisture Content Test	ISO 21809-1
35	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder	Moisture Content Test	ISO 21809-2
36	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder & Cured Epoxy	% of Cure	CAN CSA Z.245.20
37	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder & Cured Epoxy	% of Cure	ISO 21809-1

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38	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder & Cured Epoxy	% of Cure	ISO 21809-2
39	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder & Cured Epoxy	Delta Tg	CAN CSA Z.245.20
40	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder & Cured Epoxy	Delta Tg	ISO 21809-1
41	CHEMICAL- PLASTIC & RESINS	Fusion Bonded Epoxy Powder & Cured Epoxy	Delta Tg	ISO 21809-2
42	CHEMICAL- PLASTIC & RESINS	Paint Coating	Pin Hole	ISO 15741
43	CHEMICAL- PLASTIC & RESINS	Paint Coating	Cure Test	ISO 15741
44	CHEMICAL- PLASTIC & RESINS	Polyethylene/ Polypropylene	Oxidative Induction Time	ASTM D3895
45	CHEMICAL- PLASTIC & RESINS	Polyethylene/ Polypropylene	Oxidative Induction Time	ISO 11357-6
46	CHEMICAL- PLASTIC & RESINS	Polyethylene/ Polypropylene & Adhesive	Melt Flow Rate	ASTM D1238
47	CHEMICAL- PLASTIC & RESINS	Polyethylene/ Polypropylene & Adhesive	Melt Flow Rate	ISO 1133
48	CHEMICAL- PLASTIC & RESINS	Polyethylene/ Polypropylene & Adhesive	Water Content Test	ISO 15512
49	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Drop Weight Tear Test - % Shear Area	API 5L3
50	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Guided Bend Test - Welds & Materials	ASTM A370
51	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Guided Bend Test - Welds & Materials	IS 1599
52	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Guided Bend Test - Welds & Materials	ISO 5173
53	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Impact Test - Absorbed Energy up to test temp minus 40 Deg C	ASTM A370
54	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Impact Test - Absorbed Energy up to test temp minus 40 Deg C	ASTM E23

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55	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Impact Test - Absorbed Energy up to test temp minus 40 Deg C	ISO 148-1
56	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Tensile Test - Elongation	IS 1608 (Part 1)
57	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Tensile Test - Elongation	ASTM A370
58	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Tensile Test - Elongation	ASTM E8
59	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Tensile Test - Ultimate Tensile Stress	ASTM E8
60	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Tensile Test - Ultimate Tensile Stress	ISO 6892-1
61	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Tensile Test - Yield Strength (0.5% EUL / Proof Stress)	IS 1608 (Part 1)
62	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Tensile Test - Yield Strength (0.5% EUL / Proof Stress)	ISO 6892-1
63	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Tensile Test - Yield Strength (0.5% EUL / Proof Stress)	ASTM A370
64	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Vickers Hardness Test	ASTM E92
65	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Vickers Hardness Test	ISO 6507-1
66	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Tensile Test - Elongation	ISO 6892-1
67	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Tensile Test - Ultimate Tensile Strength	IS 1608 (Part 1)
68	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Tensile Test - Ultimate Tensile Stress	ASTM A370

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69	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Coils & Welded Pipes	Tensile Test - Yeild Stress	ASTM E8
70	MECHANICAL- METALLOGRAPHY TEST	Hot Rolled Carbon Steel Coils & Welded Pipes	Metallographic Test - Misalignment, Penetration & Fusion in Weld	ASTM E340
71	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Coating	Adhesion (Hot Water Soak)	CAN CSA Z.245.20
72	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Coating	Adhesion (Hot Water Soak)	ISO 21809-1
73	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Coating	Adhesion (Hot Water Soak)	ISO 21809-2
74	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Coating	Cross-Section & Interface Porosity	CAN CSA Z.245.20
75	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Coating	Cross-Section & Interface Porosity	ISO 21809-2
76	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Coating	Flexibility	CAN CSA Z.245.20
77	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Coating	Flexibility	ISO 21809-1
78	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Coating	Flexibility	ISO 21809-2
79	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Coating	Impact Test	CAN CSA Z.245.20
80	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Coating	Impact Test	ISO 21809-1
81	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Coating	Impact Test	ISO 21809-2
82	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fusion Bonded Epoxy Powder	Density	CAN CSA Z.245.20
83	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Paint Coating	Adhesion Test	ISO 15741
84	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Paint Coating	Adhesion Test	ISO 2409
85	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Paint Coating	Bend Test	ISO 15741
86	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Paint Coating	Bend Test	ISO 6860

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87	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Paint Coating	Buchholz Indentation (Hardness)	ISO 15741
88	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Paint Coating	Buchholz Indentation (Hardness)	ISO 2815
89	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/ Polypropylene	% Elongation	ASTM D638
90	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/ Polypropylene	% Elongation	DIN 30670
91	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/ Polypropylene	% Elongation	ISO 527-1
92	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/ Polypropylene	% Elongation	ISO 527-2
93	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/ Polypropylene	Indentation Test	DIN 30670
94	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/ Polypropylene	Indentation Test	ISO 21809-1
95	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/ Polypropylene	Tensile Strength	ASTM D638
96	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/ Polypropylene	Tensile Strength	DIN 30670
97	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/ Polypropylene	Tensile Strength	ISO 527-1
98	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/ Polypropylene	Tensile Strength	ISO 527-2
99	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/ Polypropylene & Adhesive	Specific Gravity/ Density	ASTM D792
100	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/ Polypropylene & Adhesive	Specific Gravity/ Density	ISO 1183
101	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/ Polypropylene & Adhesive	Vicat Softening Test	ISO 306