National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PLASTICS TESTING CENTRE, CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), INDUSTRIAL GROWTH CENTRE, BUDHJUNGNAGAR, AGARTALA, WEST TRIPURA, TRIPURA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9757 **Page No** 1 of 9

Validity 11/08/2021 to 10/08/2023 **Last Amended on** 02/09/2021

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- PLASTIC & RESINS	Polyethylene Moulding Materials And Polyethylene Compounds	Carbon Black Content	IS 2530
2	CHEMICAL- PLASTIC & RESINS	Ethylene Plastics	Environmental Stress Cracking Resistance	ASTM D1693
3	CHEMICAL- PLASTIC & RESINS	Glass reinforced polyester	water Absorption	IS 13411
4	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Pipes for potable water supplies	Thermal Stability to Oxidation	IS 4984
5	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Pipes for potable water supplies	Volatile Matter Content	IS 4984
6	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Pipes for potable water supplies	Water Content	IS 4984
7	CHEMICAL- PLASTIC & RESINS	Irrigation emitting Pipes	Environmental Stress Cracking Resistance	IS 13488
8	CHEMICAL- PLASTIC & RESINS	Irrigation Lateral Pipes	Environmental Stress Cracking Resistance	IS 12786
9	CHEMICAL- PLASTIC & RESINS	Low Density Polyethylene Films	Ash Content	IS 2508
10	CHEMICAL- PLASTIC & RESINS	Materials And Articles Intended To Come In Contact With Foodstuffs	Overall Migration	IS 9845
11	CHEMICAL- PLASTIC & RESINS	Plastic Materials	Bulk Density	ASTM D 1895
12	CHEMICAL- PLASTIC & RESINS	Plastics	Resistance to Chemical Reagets	ASTM D 543
13	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Ash Content	ASTM D 5630
14	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Ash Content	IS 13360 (Part 8/ Sec 8)
15	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Material Identification	ASTM E 1252
16	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Melting Point	IS 5762
17	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Vicat Softening Temp.	ASTM D 1525
18	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	water Absorption	ASTM D 570

SCOPE OF ACCREDITATION

Laboratory Name : PLASTICS TESTING CENTRE, CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), INDUSTRIAL GROWTH CENTRE, BUDHJUNGNAGAR, AGARTALA, WEST TRIPURA, TRIPURA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9757 **Page No** 2 of 9

Validity 11/08/2021 to 10/08/2023 **Last Amended on** 02/09/2021

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- PLASTIC & RESINS	Polyethylene Moulding Materials And Polyethylene Compounds	Carbon Black Dispersion / Pigment Dispersion	IS 2530
20	CHEMICAL- PLASTIC & RESINS	Polyethylene Moulding Materials And Polyethylene Compounds	Melt Flow Index	IS 2530
21	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for the Supply of Gaseous Fuels	Carbon Black Dispersion/ Pigment Dispersion	IS 14885
22	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for the Supply of Gaseous Fuels	resistance to Gas Constituents	IS 14885
23	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for the Supply of Gaseous Fuels	Resistance to weathering	IS 14885
24	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for the Supply of Gaseous Fuels	Thermal Stability to Oxidation	IS 14885
25	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for the Supply of Gaseous Fuels	Volatile Matter Content	IS 14885
26	CHEMICAL- PLASTIC & RESINS	Polyvinyl Chloride (PVC) and its Copolymers	VCM Content	IS 10151
27	CHEMICAL- PLASTIC & RESINS	POLYVINYL CHLORIDE RESINS	k - Value	IS 4669
28	CHEMICAL- PLASTIC & RESINS	SOLID ELECTRICAL INSULATING MATERIALS WHEN EXPOSED TO AN IGNITING SOURCE	Flammability	IS 11731 (part 2)
29	CHEMICAL- PLASTIC & RESINS	Textiles - High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks	Ash Content	IS 14887
30	CHEMICAL- PLASTIC & RESINS	Thermoplastics Pipes & Fittings	Resistance to Sulphuric Acid	IS 12235 (part 7)
31	CHEMICAL- PLASTIC & RESINS	Thermoplastics Pipes & Fittings	Sulphated Ash Content	IS 12235 (Part 17)
32	CHEMICAL- PLASTIC & RESINS	Thermoplastics Pipes & Fittings	Vicat Softening Temp.	IS 12235 (Part 2)
33	CHEMICAL- PLASTIC & RESINS	Unplasticized PVC pipe for portable water supply	Effect on water	IS 4985
34	CHEMICAL- PLASTIC & RESINS	Unplasticized PVC Pipes for portable water supplies	Sulphated Ash Content	IS 4985
35	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Pipes for Water Supply	Outside Diameter at any point	IS 4984
36	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & Products	Pendulum Impact Resistance (Charpy)	ASTM D 6110
37	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes	Wall Thickness	IS 14151 (part 1)

SCOPE OF ACCREDITATION

Laboratory Name : PLASTICS TESTING CENTRE, CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), INDUSTRIAL GROWTH CENTRE, BUDHJUNGNAGAR, AGARTALA, WEST TRIPURA, TRIPURA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9757 **Page No** 3 of 9

Validity 11/08/2021 to 10/08/2023 **Last Amended on** 02/09/2021

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	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC-U Fittings for Potable Water Supplies	dimension (inside diameter & socket length)	IS 10124 (part 1)
39	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Quick Coupled Polyethylene Pipes and fittings	Outside Diameter	IS 14151 (part 2)
40	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) / Polypropylene (PP) Woven Sacks	Linear Density	IS 14887
41	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (Hdpe) Crates for Milk Satchets	Dimensions (Length & Width)	IS 11584
42	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HIGH DENSITY POLYETHYLENE (HDPE)/ POLYPROPYLENE (PP) WOVEN SACKS	Linear Density	IS 16208
43	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sack	Linear Density	IS 14252
44	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks	Dimensions (Length & Width)	IS 14887
45	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks	Dimensions (Length & Width)	IS 14968
46	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HIGH DENSITY POLYETHYLENE (HDPE)/POLYPROPYLENE (PP) WOVEN SACKS	Dimensions (Length & Width)	IS 16208
47	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HIGH DENSITY POLYETHYLENE (HDPE)/POLYPROPYLENE (PP) WOVEN SACKS	Dimensions(Length & Width)	IS 9755
48	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks	Linear Density	IS 14968
49	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks	Linear Density	IS 9755
50	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene films	thickness of film	IS 10889
51	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipe For Sewerage	Hydraulic Characteristics (Acceptance & Type Test)	IS 14333
52	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipe For Sewerage	Outside Diameter	IS 14333
53	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipe For Sewerage	Ovality	IS 14333
54	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipe For Sewerage	Reversion test	IS 14333
55	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipe For Sewerage	Visual Appearance	IS 14333
56	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipe For Sewerage	wall thickness	IS 14333

SCOPE OF ACCREDITATION

Laboratory Name :	PLASTICS TESTING CENTRE, CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), INDUSTRIAL GROWTH CENTRE, BUDHJUNGNAGAR, AGARTALA, WEST TRIPURA, TRIPURA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9757	**Page No**	4 of 9
Validity	11/08/2021 to 10/08/2023	**Last Amended on**	02/09/2021

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	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low Density Polyethylene Films	Dimensions (Length & Width)	IS 2508
58	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low Density Polyethylene Films	Elongation at Break	IS 2508
59	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low Density Polyethylene Films	Tear Resistance (Machine Direction)	IS 2508
60	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low Density Polyethylene Films	Tear Resistance (transverse Direction)	IS 2508
61	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low Density Polyethylene Films	thickness of film	IS 2508
62	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low Density Polyethylene Films	Visual Appearance	IS 2508
63	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Fabrics	Average Breaking Strength	IS 1969 (part 1)
64	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Fabrics	Average Breaking Strength of Bottom Seam	IS 9030
65	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Pendulum Inpact Resistance (Izod Impact)	IS 13360 (Part 5 /Sec 4)
66	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material & Products	Elkongation at break	IS 1969 (part1)
67	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Flexural strength & Modulus	IS 13360 (part 5/sec. 7)
68	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Tensile Strength & Modulus	IS 13360 (part5/sec. 1)
69	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials & products	Durometer Hardness (Shore A and Shore D)	ASTM D 2240
70	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Elongation at Break	ASTM D 638
71	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Elongation at Break	IS 13360 (part 5/sec1)
72	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & Products	Heat Deflection Temp.	ASTM D 648
73	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials & products	Pendulum Impact Resistance (Izod)	ASTM D 256
74	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Specific Gravity	ASTM D 792
75	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes & Accessories	Fusion Compatibility Test	IS 14151 (part 1)

SCOPE OF ACCREDITATION

Laboratory Name : PLASTICS TESTING CENTRE, CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), INDUSTRIAL GROWTH CENTRE, BUDHJUNGNAGAR, AGARTALA, WEST TRIPURA, TRIPURA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9757 **Page No** 5 of 9

Validity 11/08/2021 to 10/08/2023 **Last Amended on** 02/09/2021

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	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes & Accessories	Leakage Test	IS 14151 (part 2)
77	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes & Accessories	Slow Crack Growth Rate Test	IS 4984
78	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes & Accessories	Squeeze Off Test	IS 14885
79	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes & Accessories	Tensile Strength for Butt Fusion test	IS 4984
80	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes & Accessories	Water Tightness of Joint	IS 13592
81	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes & Accessories	Weldability Test	IS 14151 (part 2)
82	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Films	Average Breaking Strength	IS 13360 (part5/sec.3)
83	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Films	Co-efficient of Friction	ASTM D 1894
84	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics material & products	Tensile Strength & Modulus	ASTM D 638
85	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics materials & Products	Flexural Strength & Modulus	IS 13360 (Part 5/Sec 7)
86	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics materials & products	Gross capacity & Net Capacity	IS 2798
87	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics materials & Products	Rockwell Hardness test	ASTM D 785
88	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films	Dart Impact Resistance	IS 13360 (Part 5/ Sec. 6)
89	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films	Tear Resistance -Machine Direction	IS 13360 (part 5/sec.23)
90	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films	Tear Resistance -Transverse Direction	IS 13360 (part 5/sec.23)
91	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Material for Moulding and Extrusion	Density	IS 7328
92	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	polyethylene moulding materials and polyethylene compounds	Density	IS 2530
93	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes	Elongation at Break	IS 14151 (part1)
94	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes	Hydraulic Characteristic (Acceptance & Type Test)	IS 14151 (part 1)

SCOPE OF ACCREDITATION

Laboratory Name : PLASTICS TESTING CENTRE, CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), INDUSTRIAL GROWTH CENTRE, BUDHJUNGNAGAR, AGARTALA, WEST TRIPURA, TRIPURA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9757 **Page No** 6 of 9

Validity 11/08/2021 to 10/08/2023 **Last Amended on** 02/09/2021

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
95	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes	Outside Diameter	IS 14151 (Part 1)
96	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes	Reversion test	IS 14151 (part1)
97	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes	Tensile Strength & Modulus	IS 14151 (part 1)
98	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes	Visual appearance	IS 14151 (part 1)
99	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Irrigation Laterals	wall thickness	IS 12786
100	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Irrigation Laterals	Hydraulic Characteristics (Acceptance & Type Test)	IS 12786
101	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Irrigation Laterals	Outside Diameter	IS 12786
102	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Irrigation Laterals	Ovality	IS 12786
103	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Irrigation Laterals	Reversion test	IS 12786
104	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Irrigation Laterals	Visual Appearance	IS 12786
105	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Elongation at Break	IS 14885
106	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Hydraulic Characteristics (Acceptance & Type Test)	IS 14885
107	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Outside Diameter	IS 14885
108	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Ovality	IS 14885
109	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Reversion test	IS 14885
110	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Tensile Strength & Modulus	IS 14885
111	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Visual Appearance	IS 14885
112	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	wall thickness	IS 14885
113	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Elongation at Break	IS 4984

SCOPE OF ACCREDITATION

Laboratory Name : PLASTICS TESTING CENTRE, CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), INDUSTRIAL GROWTH CENTRE, BUDHJUNGNAGAR, AGARTALA, WEST TRIPURA, TRIPURA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9757 **Page No** 7 of 9

Validity 11/08/2021 to 10/08/2023 **Last Amended on** 02/09/2021

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
114	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Hydraulic Characteristics (Acceptance & Type Test)	IS 4984
115	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Mean Outside Diameter	IS 4984
116	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Ovality	IS 4984
117	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Reversion Test	IS 4984
118	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Visual Appearance	IS 4984
119	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Wall Thickness	IS 4984
120	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	polyethylene water storage tanks	Gross Capacity & Net Capacity	IS 12701
121	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene-random copolymer pipes	Fusion Compatibility Test	IS 15801
122	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene-random copolymer pipes	Hydraulic Characteristics (Acceptance & Type Test)	IS 15801
123	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene-random copolymer pipes	Impact Strength	IS 15801
124	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC socket fittings with solvent cement joints	dimensions (inside diameter and socket length)	IS 7834 (part 1)
125	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC socket fittings with solvent cement joints	Stress Relief Test	IS 7834 (part 1)
126	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC socket fittings with solvent cement joints for water supplies	wall thickness	IS 7834 (part 1)
127	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC-U Fittings for Potable Water Supplies	wall thickness	IS 10124 (part 1)
128	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Quick Coupled Polyethylene Pipes and fittings	Durometer Hardness (Shore A)	IS 14151 (Part 2)
129	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Quick Coupled Polyethylene Pipes and fittings	Visual Appearance	IS 14151 (part 2)
130	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Quick Coupled Polyethylene Pipes and fittings	wall thickness	IS 14151 (part 2)
131	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene Water Storage Tanks	Elongation at Break	IS 12701
132	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene Water Storage Tanks	dimensions (outside diameter, inside diameter & Height)	IS 12701

SCOPE OF ACCREDITATION

Laboratory Name : PLASTICS TESTING CENTRE, CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), INDUSTRIAL GROWTH CENTRE, BUDHJUNGNAGAR, AGARTALA, WEST TRIPURA, TRIPURA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9757 **Page No** 8 of 9

Validity 11/08/2021 to 10/08/2023 **Last Amended on** 02/09/2021

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
133	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene Water Storage Tanks	Tensile Strength & Modulus	IS 12701
134	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene Water Storage Tanks	Visual Appearance	IS 12701
135	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene Water Storage Tanks	wall thickness	IS 12701
136	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics Pipes and Fittings	Hydraulic Characteristics (Acceptance & Type Test)	IS 12235 (part 8)
137	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics Pipes and Fittings	Opacity Test	IS 12235 (PART 3)
138	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics Pipes and Fittings	outside diameter	IS 12235 (part 1)
139	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics Pipes and Fittings	Resistance to External Blow at 0°C	IS 12235 (part 9)
140	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics Pipes and Fittings	Reversion test	IS 12235 (part 5)
141	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics Pipes and Fittings	Specific Gravity	IS 12235 (part 14)
142	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics Pipes and Fittings	Stress Relief Test	IS 12235 (part 16)
143	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics Pipes and Fittings	wall thickness	IS 12235 (part 1)
144	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Transparent Plastics	Haze & Transparency	ASTM D 1003
145	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) Pipes	Elongation at Break	IS 13592
146	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) Pipes	Tensile Strength & Modulus	IS 13592
147	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) Pipes for Soil and Waste Discharge System	Axial shrinkage	IS 13592
148	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes for Potable Water Supplies	Hydraulic Characteristics (Acceptance & Type Test)	IS 4985
149	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes for Potable Water Supplies	Mean Outside Diameter	IS 4985
150	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes for Potable Water Supplies	Outside Diameter at any point	IS 4985
151	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes for Potable Water Supplies	Resistance to External Blow at 0°C	IS 4985

SCOPE OF ACCREDITATION

Laboratory Name :	PLASTICS TESTING CENTRE, CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), INDUSTRIAL GROWTH CENTRE, BUDHJUNGNAGAR, AGARTALA, WEST TRIPURA, TRIPURA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9757	**Page No**	9 of 9
Validity	11/08/2021 to 10/08/2023	**Last Amended on**	02/09/2021

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
152	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes for Potable Water Supplies	Reversion test	IS 4985
153	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes for Potable Water Supplies	Visual Appearance	IS 4985
154	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes for Potable Water Supplies	wall thickness	IS 4985
155	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unreinforced and Reinforced Plastics and Electrical Insulating Materials	Flexural Strength & Modulus	ASTM D 790