National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY, CITY CENTRE, P.O. DEBHOG, HALDIA, MEDINIPUR EAST, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6733 **Page No** 1 of 15

Validity 13/07/2022 to 12/07/2024 **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- PLASTIC & RESINS	Fibre reinforced plastic products	Binder content	IND/ME/951 (PROV) APP B
2	CHEMICAL- PLASTIC & RESINS	Fibre reinforced plastic products	Heat Distortion Temperature	IS 13411
3	CHEMICAL- PLASTIC & RESINS	Fibre reinforced plastic products	pH of Water extract	JSS 1010
4	CHEMICAL- PLASTIC & RESINS	Fibre reinforced plastic products	pH of water extract	JSS 1097
5	CHEMICAL- PLASTIC & RESINS	Fibre reinforced plastic products	Water absorption	IS 13411
6	CHEMICAL- PLASTIC & RESINS	Moulded Materials & components	Free phenol content	IS 867
7	CHEMICAL- PLASTIC & RESINS	Moulded Materials & components	Water absorption	IS 867
8	CHEMICAL- PLASTIC & RESINS	Packaging & containers	Water Potability	IS 15410
9	CHEMICAL- PLASTIC & RESINS	Plastic & Polymer Products	Resistance to stress	IS 11584
10	CHEMICAL- PLASTIC & RESINS	Plastic films & Plastic sheets	Ash Content	IS 2508
11	CHEMICAL- PLASTIC & RESINS	Plastic films & Plastic sheets	Carbon Black Content	IS 2508
12	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Ash Content	IS 11652
13	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Ash Content	IS 13360 (Pt-8/Sec-8)
14	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Ash Content	IS 14887
15	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Ash Content	IS 14968
16	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Ash Content	IS 16208
17	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Ash Content	IS 7903
18	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Ash Content	JSS 1010

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY, CITY CENTRE, P.O. DEBHOG, HALDIA, MEDINIPUR EAST, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6733 **Page No** 2 of 15

Validity 13/07/2022 to 12/07/2024 **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
19	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Carbon Black Content	ASTM D1603
20	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Carbon Black Content	IS 2530
21	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Carbon Black Dispersion/Pigment Dispersion	IS 2530
22	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Heat Distortion Temperature	ASTM D648
23	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Identification of plastics	CIPET/HAL/WI/303/SOP/64(Issue No. 03) Dt. 28:11
24	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	K-Value	IS 4669
25	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Loss on ignition	ASTM D2584
26	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Melt Flow Index	ASTM D1238
27	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Melt Flow Index	IS 2530
28	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Melting point	ASTM D3418
29	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Melting point	IS 13360 (Pt- 6/Sec10)
30	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Melting Point	IS 5762
31	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Moisture content	IND/ME/951(PROV) APP A
32	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Overall Migration	IS 9845
33	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Overall Migration	IS 9845
34	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Resistance to Environmental Stress Cracking	ASTMD 1693
35	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Vicat Softening Temperature	ASTM D1525
36	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Vicat Softening Temperature	IS 13360 (Pt-6/Sec1)
37	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Water absorption	ASTMD 570

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY, CITY CENTRE, P.O. DEBHOG, HALDIA, MEDINIPUR EAST, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6733 **Page No** 3 of 15

Validity 13/07/2022 to 12/07/2024 **Last Amended on** -

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38	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Water absorption	JSS 1097
39	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Water soluble chloride	IS 2530
40	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Water soluble chloride	JSS 1010
41	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Water soluble Sulphates	JSS 1010
42	CHEMICAL- PLASTIC & RESINS	Plastic pipes and Accessories	Axial Shrinkage	IS 13592
43	CHEMICAL- PLASTIC & RESINS	Plastic pipes and Accessories	Effect on Water Test	ASTM D1785
44	CHEMICAL- PLASTIC & RESINS	Plastic pipes and Accessories	Effect on Water Test	IS 12235 (Part 4)
45	CHEMICAL- PLASTIC & RESINS	Plastic pipes and Accessories	Resistance to Environmental Stress Cracking	IS 12786
46	CHEMICAL- PLASTIC & RESINS	Plastic pipes and Accessories	Reversion	IS 12235 (Pt-5)
47	CHEMICAL- PLASTIC & RESINS	Plastic pipes and Accessories	Reversion	IS 14333
48	CHEMICAL- PLASTIC & RESINS	Plastic pipes and Accessories	Reversion	IS 17425
49	CHEMICAL- PLASTIC & RESINS	Plastic pipes and Accessories	Reversion	IS 4984
50	CHEMICAL- PLASTIC & RESINS	Plastic pipes and Accessories	Sulphated Ash Content	IS 12235(Pt-17)
51	CHEMICAL- PLASTIC & RESINS	Plastic pipes and Accessories	Sulphated Ash Content	IS 14735
52	CHEMICAL- PLASTIC & RESINS	Plastic pipes and Accessories	Sulphated Ash content	IS 4985
53	CHEMICAL- PLASTIC & RESINS	Plastic pipes and Accessories	Vicat Softening Temperature	IS 12235 (Pt-2)
54	CHEMICAL- PLASTIC & RESINS	Plastic pipes and Accessories	Vicat Softening Temperature	IS 15328
55	CHEMICAL- PLASTIC & RESINS	Plastic pipes and Accessories	Water soluble matter (By mass)	JSS 9330-03 (Rev-3) APP A & B
56	CHEMICAL- PLASTIC & RESINS	Plastic Products & Plastic Pipes	Resistance to Sulphuric Acid	IS 12235 (Pt-7)

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Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY, CITY CENTRE, P.O. DEBHOG, HALDIA, MEDINIPUR EAST, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6733 **Page No** 4 of 15

Validity 13/07/2022 to 12/07/2024 **Last Amended on** -

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57	CHEMICAL- PLASTIC & RESINS	Plastic Products & Plastics Pipe	Resistance to Dichloromethane	IS 12235 (Pt-11)
58	CHEMICAL- PLASTIC & RESINS	Plastics Pipe	Reversion	IS 12786
59	CHEMICAL- PLASTIC & RESINS	Polymeric Products	Heat ageing	ASTM D1870
60	CHEMICAL- PLASTIC & RESINS	Polymeric Products	Vinyl chloride polymer content	IS 14182
61	CHEMICAL- PLASTIC & RESINS	Polymeric Products	Viscosity	IS 14182
62	CHEMICAL- PLASTIC & RESINS	Resin & Fibre reinforced plastic	Filler content	ASTM D2584
63	CHEMICAL- PLASTIC & RESINS	Resin, Plastic & Polymers Product	Dissolution	IS 14182
64	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Packaging & containers	Ink Adhesion Test (Printing Requirements)	IS 11805
65	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Packaging & containers	Brimful Capacity	IS 2798
66	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Packaging & containers	Dimensions (Wall thickness)	IS 10840
67	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Packaging & containers	Drop impact test	IS 10840
68	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Packaging & containers	Drop impact test	IS 11805
69	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Packaging & containers	Leak test	IS 11805
70	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Packaging & containers	Leakage test	IS 10840
71	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Packaging & containers	Leakage test	IS 2798
72	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Packaging & containers	Leakage Test	IS:15410
73	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Packaging & Containers	Transparency Test	IS 15410
74	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Packaging & containers	Wall thickness	IS 2798
75	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Packaging Container	Capacity	IS 10840

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY, CITY CENTRE, P.O. DEBHOG, HALDIA, MEDINIPUR EAST, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6733 **Page No** 5 of 15

Validity 13/07/2022 to 12/07/2024 **Last Amended on** -

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76	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Packaging Container	Capacity	IS 2798
77	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Packaging Containers	Capacity	IS 15410
78	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Packaging Containers	Finish, Appearance	IS 15410
79	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Packaging Containers	Ink adhesion for printed containers	IS 10840
80	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic films & Plastic sheet	Elongation at Break	IS 2508
81	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Sheets	Puncture Resistance	IS 2508
82	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Capacity (Gross & Net)	IS 12701
83	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Compressive Strength	ASTM D695
84	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Compressive strength	IS 13360 (Part 5/Sec 8)
85	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Crazing	IS 11246
86	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Cross breaking strength	IS 867
87	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Density	IS 2530
88	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Density	IS 867
89	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	End & Picks per dm	IS 11652
90	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Ends and picks per dm	IS 14887
91	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Eyelets	IS 7903
92	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Flexural Strength	IS 13360(Part 5/Sec 7)
93	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Impact failure load	IS 15351
94	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Impact Failure Load	IS 7903

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY, CITY CENTRE, P.O. DEBHOG, HALDIA, MEDINIPUR EAST, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6733 **Page No** 6 of 15

Validity 13/07/2022 to 12/07/2024 **Last Amended on** -

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95	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Line / cord beading	IS 7903
96	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Load deformation	ASTM D2412
97	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Mass	IS 15351
98	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Mass	IS 1964
99	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Mass of Sack	IS 11652
100	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Mass of the Fabric	IS 9755
101	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Mass of the sack	IS 14887
102	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Overall height	IS 12701
103	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Puncture Strength	IS 7903
104	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Resistance to Impact	IS 12701
105	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Seam Strength	IS 15351
106	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Shore A Hardness	IS 3400
107	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Slip test	IS 11805
108	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Tear Resistance	IS 15351
109	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Tear strength	IS 14293
110	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Tensile strength	ASTM D638
111	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Thickness	IS 15351
112	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Top load resistance	IS 12701
113	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	UV Resistance	IS 11652

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6733 **Page No** 7 of 15

Validity 13/07/2022 to 12/07/2024 **Last Amended on** -

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114	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material & products	Welded Seam strength before UV Exposure	IS 7903
115	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Apparent Density	ASTM D1622
116	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Apparent Density	ASTM D1895
117	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Barcol Hardness	ASTM D2583
118	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Breaking Strength	IS 16208
119	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Breaking Strength	IS 1969
120	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Breaking Strength	IS 9755
121	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Breaking Strength of Seam	IS 9030
122	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Burst pressure test	ASTM D1599
123	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Density	ASTM D792
124	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Density	IS 13360 (Pt.3/Sec-10)
125	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Dielectric Strength	ASTM D149
126	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Dimension - Length, Width & Height	IS 14772
127	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Dimension (Inside Length & inside Width)	IS 11652
128	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Dimension (Inside Length & inside Width)	IS 14887
129	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Dimension (Inside Length & inside Width)	IS 1954
130	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Dimension (Inside Length & inside Width)	IS 9755
131	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Dimension (Outside Length & outside Width)	IS 14252
132	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Dimension (Wall Thickness)	IS 9537 (Part 1 & 3)

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY, CITY CENTRE, P.O. DEBHOG, HALDIA, MEDINIPUR EAST, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6733 **Page No** 8 of 15

Validity 13/07/2022 to 12/07/2024 **Last Amended on** -

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133	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Dimensions (Over all outside Diameter, internal man-hole/hand-hole diameter)	IS 12701
134	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Durometer Hardness (Shore A & Shore D)	ASTM D2240
135	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Elongation	ASTM D638
136	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Elongation	IS 2530
137	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Elongation at Break	IS 1969 (Part 1)
138	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	End & Picks per dm	IS 14252
139	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	End & Picks per dm	IS 14968
140	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Flexural Strength & Modulus	ASTM D790
141	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Hydrostatic Resistance	IS 15351
142	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Mass	IS 10840
143	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Puncture Resistance	IS 15351
144	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Tensile strength	IS 2530
145	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Thickness	IS 2508
146	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	UV Resistance	IS 14887
147	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	UV Resistance	IS 14968
148	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	UV Resistance	IS 15351
149	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	UV Resistance	IS 7903
150	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	UV Resistance	IS 9755

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY, CITY CENTRE, P.O. DEBHOG, HALDIA, MEDINIPUR EAST, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6733 **Page No** 9 of 15

Validity 13/07/2022 to 12/07/2024 **Last Amended on** -

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151	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Visual Appearance	IS 11652
152	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Visual Appearance	IS 12701
153	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Visual Appearance	IS 14887
154	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Visual Appearance	IS 14968
155	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Visual Appearance	IS 7903
156	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Volume Resistivity & Surface Resistivity	ASTM D257
157	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Volume Resistivity & Surface Resistivity	IS 867
158	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Weight of tank	IS 12701
159	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Welded Seam Strength	IS 1969
160	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Color	IS 14333
161	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Color	IS 4984
162	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Color	IS 4985
163	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Compression test	IS 9537(Part 1)
164	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Density	IS 14333
165	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Density	IS 15778
166	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Density	IS 17425
167	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Density	IS 4984
168	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	flattening test	ASTM D1785
169	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Fusion compatibility test	IS 15801

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Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY, CITY CENTRE, P.O. DEBHOG, HALDIA, MEDINIPUR EAST, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6733 **Page No** 10 of 15

Validity 13/07/2022 to 12/07/2024 **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
170	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Hardness (Shore A & Shore D)	IS 17425
171	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Hydrostatic Burst Pressure test	IS 14182
172	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Impact strength	IS 15801
173	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Leakege test	IS 17425
174	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Minimum Thickness	IS 7834 (Part 1 to 8)
175	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Opacity	12235 (Part 3)
176	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Oxidation Induction Time	IS 4984
177	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Ring stiffness	IS 15328
178	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Slow crack growth rate	IS 4984
179	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Stress Relief test	IS 12235 (Part 6)
180	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Stress Relief Test	IS 13592
181	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Stress relief test	IS 7834 (Part 1 to 8)
182	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Tensile strength	IS 12235(Part 13)
183	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Tensile strength	IS 12786
184	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Tensile strength	IS 14255
185	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Tensile Strength	IS 17425
186	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Tensile strength for Butt-Fusion	IS 4984
187	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Thermal Stability by hydrostatic pressure Testing	IS 15778
188	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pipes & Accessories	Thermal Stability by hydrostatic pressure Testing	IS 15801

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY, CITY CENTRE, P.O. DEBHOG, HALDIA, MEDINIPUR EAST, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6733 **Page No** 11 of 15

Validity 13/07/2022 to 12/07/2024 **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
189	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Accelerated regression test	ASTM D1598
190	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Density	IS 17425
191	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Density	IS 4985
192	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimension (Mean Out Side Diameter, Diameter any point)	IS 15328
193	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimension (Mean Out Side Diameter, Diameter any point)	IS 15778
194	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimension (Mean Out Side Diameter, Diameter at any point)	IS 12235 (Pt-1)
195	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimension (Mean Out Side Diameter, Diameter at any point)	IS 13592
196	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimension (Mean Out Side Diameter, Ovality)	IS 15801
197	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimension (Mean Out Side Diameter, Ovality)	IS 17425
198	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimension (Mean Out Side Diameter, Diameter at any point)	IS 4985
199	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimension (Mean Out Side Diameter, Diameter at any point, Mean Out Side Diameter over connection)	IS 12818
200	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimension (Mean Out Side Diameter, Ovality)	IS 4984
201	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimension (Mean Socket Internal diameter at Mid-Point of Socket Length)	IS 10124 (Pt-1 to 13)
202	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimension (Mean Socket Internal diameter at Mid-Point of Socket Length)	IS 4985
203	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimension (Mean Socket Internal diameter at Mid-Point of Socket Length)	IS 7834 (Part 1 to 8)
204	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimension (Out Side Diameter, Ovality)	IS 14333

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY, CITY CENTRE, P.O. DEBHOG, HALDIA, MEDINIPUR EAST, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6733 **Page No** 12 of 15

Validity 13/07/2022 to 12/07/2024 **Last Amended on** -

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205	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimension (Outside Diameter)	IS 9537 (Part 1 & 3)
206	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimension (Thickness)	IS 11805
207	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions (Outside Diameter)	ASTM D1785
208	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions (Outside diameter)	IS 12786
209	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions (Wall thickness)	ASTM D1785
210	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions (Wall thickness)	IS 12235 (Pt-1)
211	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions (Wall thickness)	IS 12701
212	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions (Wall thickness)	IS 12786
213	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions (Wall thickness)	IS 12818
214	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions (Wall thickness)	IS 13592
215	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions (Wall thickness)	IS 14333
216	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions (Wall thickness)	IS 15328
217	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions (Wall thickness)	IS 15778
218	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions (Wall thickness)	IS 15801
219	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions (Wall thickness)	IS 17425
220	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions (Wall thickness)	IS 4984
221	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Dimensions (Wall thickness)	IS 4985
222	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Effective & Segmental Length	IS 4985
223	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Effective & Segmental Length	IS 12818

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY, CITY CENTRE, P.O. DEBHOG, HALDIA, MEDINIPUR EAST, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6733 **Page No** 13 of 15

Validity 13/07/2022 to 12/07/2024 **Last Amended on** -

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224	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Effective length	IS 15778
225	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Elongation	IS 12786
226	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Elongation	IS 17425
227	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Elongation at break	IS 4984
228	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Hydraulic proof test	IS 17425
229	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Internal hydrostatic pressure test	IS 12235 (Pt-8)
230	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Internal hydrostatic pressure test	IS 15328
231	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Internal hydrostatic pressure test	IS 4985
232	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Internal Hydrostatic Pressure Test	IS 15778
233	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Internal pressure creep rupture test	IS 14333
234	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Internal pressure creep rupture test	IS 15801
235	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Internal pressure creep rupture test	IS 17425
236	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Internal pressure creep rupture test	IS 4984
237	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Resistance to External	IS 12818
238	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Resistance to External Blow	IS 12235 (Part 9)
239	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Resistance to External Blow	IS 15328
240	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Resistance to External Blow	IS 15778
241	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Resistance to External Blow	IS 4985
242	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Short Term Hydraulic Test	IS 10124 (Pt-1 to 13)

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY, CITY CENTRE, P.O. DEBHOG, HALDIA, MEDINIPUR EAST, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6733 **Page No** 14 of 15

Validity 13/07/2022 to 12/07/2024 **Last Amended on** -

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243	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Short Term Hydraulic Test	IS 7834 (Part 1 to 8)
244	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Socket Length	IS 10124 (Pt-1 to 13)
245	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Socket Length	IS 12235 (Pt-1)
246	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Socket Length	IS 4985
247	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Socket Length	IS 7834 (Part 1 to 8)
248	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Visual Appearance	IS 12786
249	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Visual Appearance	IS 12818
250	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Visual Appearance	IS 13592
251	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Visual Appearance	IS 14333
252	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Visual Appearance	IS 14735
253	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Visual Appearance	IS 15328
254	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Visual Appearance	IS 15801
255	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Visual Appearance	IS 17425
256	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Visual Appearance	IS 4984
257	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Visual Appearance	IS 4985
258	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Water tightness of joints	IS 13592
259	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipes and Accessories	Weldability test	IS 17425
260	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Plastic pipes and Accessories	Density	IS 12818
261	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet & Film	Abrasion resistance	ASTM D1044

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Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY, CITY CENTRE, P.O. DEBHOG, HALDIA, MEDINIPUR EAST, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6733 **Page No** 15 of 15

Validity 13/07/2022 to 12/07/2024 **Last Amended on** -

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262	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet & Film	Co-efficient of friction	ASTM D1894
263	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet & Film	Color	IS 2508
264	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet & Film	Dart Impact Strength	IS 14611
265	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet & Film	Length & Width of the Sheet	IS 14611
266	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet & Plastic Film	Dart impact strength	ASTM D1709
267	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet & Plastic Film	Dart Impact Strength	IS 11805
268	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet & Plastic Film	Dart Impact Strength	IS 2508
269	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet & Plastic Film	Density	IS 2508
270	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet & Plastic Film	Sealing Band Distance	IS 14611
271	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet & Plastic Film	Strength of Joints / Seams	IS 14611
272	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet & Plastic Film	Tear Strength	IS 14611
273	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet & Plastic Film	Tear strength	IS 2508
274	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet & Plastic Film	Tensile stregth	IS 2508
275	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet & Plastic Film	Tensile strength	IS 14611
276	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet & Plastic Film	Total Mass per unit Area	IS 14611
277	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet & Plastic Film	Water proofness	IS 14611
278	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet & Plastic Film	Workmanship	IS 14611
279	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Visual applicability test	IS 14182
280	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Solvent cement for use with unplasticized polyvinyl chloride plastic pipe and fittings	Lap Shear	IS 14182