National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 1 of 59

Validity 11/02/2022 to 10/02/2024 **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	Agro Textiles - Insect Nets for Agriculture and Horticulture Purposes - Specification	Material Identification	IS 16513
2	CHEMICAL- PLASTIC & RESINS	Agro Textiles - Insect Nets for Agriculture and Horticulture Purposes - Specification	UV Stabilizer	IS 16513
3	CHEMICAL- PLASTIC & RESINS	Agro Textiles - Shade Nets for Agriculture and Horticulture Purposes - Specification Part 2 Shade Nets Made from Mono Filament Yarns	Material Identification	IS 16008 (Pt.2)
4	CHEMICAL- PLASTIC & RESINS	Agro Textiles – High Density Polyethylene (HDPE) Woven Beads For Vermiculture	Identification of Fabric	IS 15907
5	CHEMICAL- PLASTIC & RESINS	Agro Textiles – High Density Polyethylene (HDPE) Woven Beads For Vermiculture	Environmental Stress Cracking Resistance (ESCR)	IS 15907
6	CHEMICAL- PLASTIC & RESINS	Agro Textiles – High Density Polyethylene (HDPE) Woven Beads For Vermiculture	Linear Density	IS 15907
7	CHEMICAL- PLASTIC & RESINS	Agro Textiles – High Density Polyethylene (HDPE) Woven Beads For Vermiculture	Width of Tape	IS 15907
8	CHEMICAL- PLASTIC & RESINS	Agro Textiles High Density Polyethylene for vermiculture	Burst Strength (0.01 Kgf/cm2 to 60 Kgf/cm2)	IS 15907
9	CHEMICAL- PLASTIC & RESINS	Agro Textiles High Density Polyethylene for vermiculture	Colour Fastness to artificial Light	IS 15907
10	CHEMICAL- PLASTIC & RESINS	Agro Textiles High Density Polyethylene for vermiculture	Cord Beading Diameter	IS 15907
11	CHEMICAL- PLASTIC & RESINS	Agro Textiles High Density Polyethylene for vermiculture	Environmental Stress Cracking Resistance (ESCR)	IS 15907
12	CHEMICAL- PLASTIC & RESINS	Agro Textiles High Density Polyethylene for vermiculture	Lamination	IS 15907
13	CHEMICAL- PLASTIC & RESINS	Agro Textiles High Density Polyethylene for vermiculture	Puncture Resistance	IS 15907
14	CHEMICAL- PLASTIC & RESINS	Agro Textiles High Density Polyethylene for vermiculture	Resistance to Chemical	IS 15907
15	CHEMICAL- PLASTIC & RESINS	Agro Textiles High Density Polyethylene for vermiculture	Water Proofness Test	IS 15907
16	CHEMICAL- PLASTIC & RESINS	Agro Textiles High Density Polyethylene for vermiculture `	UV exposure for 192 Hours	IS 15907

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 2 of 59

Validity 11/02/2022 to 10/02/2024 **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
17	CHEMICAL- PLASTIC & RESINS	Biodegradable materials/Biopolymers/Bioplastics	Determination of the Ultimate Aerobic Biodegradability of Plastic Materials Under Controlled Composting Conditions — Method by Analysis of Evolved Carbon Dioxide	IS 14855(Pt. 1 & 2)
18	CHEMICAL- PLASTIC & RESINS	Chlorinated polyvinyl chloride (CPVC) pipes for potable hot and cold water distribution supplies	Effect on Water test - Concentration of Lead, I & III extraction, Cadmium, Mercury, Tin	IS 15778
19	CHEMICAL- PLASTIC & RESINS	Chlorinated polyvinyl chloride (CPVC) pipes for potabvle hot and cold water distribution supplies	Chlorine Content	IS 15778
20	CHEMICAL- PLASTIC & RESINS	Chlorinated polyvinyl chloride (CPVC) pipes for potabvle hot and cold water distribution supplies	Vicat softening Temperature	IS 15778
21	CHEMICAL- PLASTIC & RESINS	Chlorinated Polyvinyl Chloride Compounds Used for Pipes and Fittings	Ash Content	IS 15225
22	CHEMICAL- PLASTIC & RESINS	Chlorinated Polyvinyl Chloride Compounds Used for Pipes and Fittings	Resin Chlorine Content Compound Chlorine Content	IS 15225
23	CHEMICAL- PLASTIC & RESINS	Chlorinated Polyvinyl Chloride Compounds Used for Pipes and Fittings	Resin K Value	IS 15225
24	CHEMICAL- PLASTIC & RESINS	Chlorinated Polyvinyl Chloride Compounds Used for Pipes and Fittings	Vicat Softening Temperature	IS 15225
25	CHEMICAL- PLASTIC & RESINS	Cladding Films for Greenhouse / Polyhouse	Melt Flow Index	IS 15827
26	CHEMICAL- PLASTIC & RESINS	Container for packaging of natural mineral water	Capacity	IS 15907
27	CHEMICAL- PLASTIC & RESINS	Container for packaging of natural mineral water	Enviromental Stress crack resistance (ESCR)	IS 15410
28	CHEMICAL- PLASTIC & RESINS	CPVC Pipes for Potable Hot & Cold Water Distribution Supplies	Reversion Test	IS 15778
29	CHEMICAL- PLASTIC & RESINS	CPVC Pipes for Potable Hot & Cold Water Distribution Supplies	Vicat Softening Temperature	IS 15778
30	CHEMICAL- PLASTIC & RESINS	CPVC Resin & Compound	Chlorine Content	IS 15778
31	CHEMICAL- PLASTIC & RESINS	Emitting Pipe systems	Environmental Stress Cracking Resistance (ESCR)	IS 13488

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 3 of 59

Validity 11/02/2022 to 10/02/2024 **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
32	CHEMICAL- PLASTIC & RESINS	Fabricated PVC Fitting for Potable Water Supplies	Effect on Water test - Concentration of Lead, I & III extraction, Cadmium, Mercury, Tin	IS 10124
33	CHEMICAL- PLASTIC & RESINS	Fittings for rigid non metallic conduits	Moisture Absorption	IS 3419
34	CHEMICAL- PLASTIC & RESINS	Fittings for rigid non metallic conduits	Resistance to chemical, Copper Test, Resistance to Oil	IS 3419
35	CHEMICAL- PLASTIC & RESINS	HDPE Granules	Ash Content (Black master batch)	IS 4984
36	CHEMICAL- PLASTIC & RESINS	HDPE Granules	Carbon black content (Black master batch)	IS 4984
37	CHEMICAL- PLASTIC & RESINS	HDPE Pipe for water supplies, PE Lateral Pipe, QCPE Sprinkler Pipe, QCPE Sprinkler Coupler, HDPE Sewerage Pipe, PE Microtube, Emitters, Emitting Pipe, HDPE Fittings, Rotao Moulded PE Water Storage Tank, PPR Pipe, PE/AL/PE Composite Pipe, Laminated HDPE Fabric, Polyethylene Material for Moulding and Extrusin, Rubber, Agro textiles-Laminated high density polyethylene (HDPE) Woven Geomembrane for water proofness lining, Multilayered Cross Laminated Tarpauline sheet,	Carbon Black Content	IS 2530
38	CHEMICAL- PLASTIC & RESINS	HDPE Pipe, PE Laterial Pipe, QCPE Sprinkler Pipe, QCPE Sprinkler Coupler, HDPE Sewerage Pipe, PE Microtube, Emitters, Emitting Pipe, HDPE Fittings, Roto Moulded PE Water Storage Tank , PPR Pipe, PE/AL/PE Composite Pipe, Laminated HDPE Fabric, Polyethylene Material for Moulding and Extrusion , Rubber, Agro textiles-Laminated high density polyethylene (HDPE) Woven Geomembrane for water proofness lining, Multilayered Laminated Tarpauline Sheet, Plastic Film /Black sheet	Carbon Black Dispersion	IS 2530
39	CHEMICAL- PLASTIC & RESINS	HDPE Pipes for Potable Water Supplies	Longitudinal Reversion Test	IS 4984
40	CHEMICAL- PLASTIC & RESINS	HDPE Pipes for Potable Water Supplies, PE/AL/PE composite pressure pipes for hot and cold water supplies, PE flexible Pouches, PPR Pipes, Plastic Material, Water storage tank	Overall Migration	IS 9845
41	CHEMICAL- PLASTIC & RESINS	HDPE/PP woven sacks for packaging Sugar	Overall Migration	IS 10146
42	CHEMICAL- PLASTIC & RESINS	HDPE/PP Woven Sacks for Packaging of 10/15/20/25/30 Kg. Food grains	Ash Content	IS 16208
43	CHEMICAL- PLASTIC & RESINS	HDPE/PP Woven Sacks for Packaging of 10/15/20/25/30 Kg. Food grains	Identification	IS 16208

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 4 of 59

Validity 11/02/2022 to 10/02/2024 **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
44	CHEMICAL- PLASTIC & RESINS	HDPE/PP Woven Sacks for Packaging of 25/50 Kg. Sugar	Ash Content	IS 14968
45	CHEMICAL- PLASTIC & RESINS	HDPE/PP Woven Sacks for Packaging of 50 Kg. Food grain	Ash Content	IS 14887
46	CHEMICAL- PLASTIC & RESINS	HDPE/PP Woven Sacks for Packaging of Cement	Ash Content	IS 11652
47	CHEMICAL- PLASTIC & RESINS	HDPE/PP Woven Sacks for Packaging of Cement	Identification of the sample	IS 11652
48	CHEMICAL- PLASTIC & RESINS	HDPE/PP Woven Sacks for Packaging of Cement	Lamination (Identification)	IS 11652
49	CHEMICAL- PLASTIC & RESINS	Industrial Safety Helmets	Flammability Resistance Heat Resistance	IS 2925
50	CHEMICAL- PLASTIC & RESINS	Industrial Safety Helmets	Water Absorption Test	IS 2925
51	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Ash Content	IS 17425
52	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Base Density (PE Resin)	IS 17425
53	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Carbon Black Content	IS 17425
54	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Carbon Black Density	IS 17425
55	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Carbon Black Dispersion	IS 71425
56	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Carbon Particle size Antioxident	IS 17425
57	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Maximum Volatile Matter	IS 17425
58	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Melt Flow Rate	IS 17425
59	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Rework material Metallic couplers	IS 17425
60	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Rubber Ring Identification	IS 17425
61	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Thermal Stability	IS 17425
62	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Volatile matter	IS 17425

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 5 of 59

Validity 11/02/2022 to 10/02/2024 **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
63	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Water Content	IS 17425
64	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment-Polyethylene Microtubes for drip irrigation	Environmental Stress Cracking Resistance (ESCR)	IS 14482
65	CHEMICAL- PLASTIC & RESINS	LDPE Film	Ash Content (for black film)	IS 2508
66	CHEMICAL- PLASTIC & RESINS	Monoaxially oriented polypropylene tapes	Material Identification	IS 11197
67	CHEMICAL- PLASTIC & RESINS	Monoaxially oriented polypropylene tapes	Melt Flow Index	IS 11197
68	CHEMICAL- PLASTIC & RESINS	Natural Water ineral Bottle	Capacity	IS 15410
69	CHEMICAL- PLASTIC & RESINS	Oriented Unplasticized Polyvinyl Chloride (PVC-O) Pipes for Water Supply-Specification	Density	IS 16647
70	CHEMICAL- PLASTIC & RESINS	Oriented Unplasticized Polyvinyl Chloride (PVC-O) Pipes for Water Supply-Specification	K-Value	IS 16647
71	CHEMICAL- PLASTIC & RESINS	Oriented Unplasticized Polyvinyl Chloride (PVC-O) Pipes for Water Supply-Specification	VCM Content	IS 16647
72	CHEMICAL- PLASTIC & RESINS	PE Black Film	Carbon Black Content	ASTM D 1603
73	CHEMICAL- PLASTIC & RESINS	PE Black Film	Carbon Black Content	IS 2530
74	CHEMICAL- PLASTIC & RESINS	PE Black Film	Carbon Black Dispersion	IS 2530
75	CHEMICAL- PLASTIC & RESINS	PE Lateral Pipe	Environmental Stress Cracking Resistance (ESCR)	IS 12786
76	CHEMICAL- PLASTIC & RESINS	PE Pipes for Water Supplies	Melt Flow Index	IS 4984
77	CHEMICAL- PLASTIC & RESINS	PE Pipes for Water Supplies	Oxidatin Induction Time	IS 4984
78	CHEMICAL- PLASTIC & RESINS	PE Pipes for Water Supplies	Volatile Matter	IS 4984
79	CHEMICAL- PLASTIC & RESINS	Plastic Material & Rubber	% wt. Loss by TGA (EVA Content)	ASTM E 1131
80	CHEMICAL- PLASTIC & RESINS	Plastic Material & Polymers	Charpy Impact Strength	ISO 179
81	CHEMICAL- PLASTIC & RESINS	Plastic Materials & Products	Ash content	ASTM D 5630

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 6 of 59

Validity 11/02/2022 to 10/02/2024 **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
82	CHEMICAL- PLASTIC & RESINS	Plastics & Plastics Products	Determination of Vinayl Acetate content by FTIR	ASTM D 5594
83	CHEMICAL- PLASTIC & RESINS	Plastics & Plastics Products	Identification and Melting point by DSC Test	ASTM D 3418
84	CHEMICAL- PLASTIC & RESINS	Plastics Crates for Fruits and Vegetables	Resistance to Environmental Stress Cracking	IS 15532
85	CHEMICAL- PLASTIC & RESINS	Plastics Feeding Bottle	ESCR	IS 14625
86	CHEMICAL- PLASTIC & RESINS	Plastics Feeding Bottle	Material Identification Teats Identification	IS 14625
87	CHEMICAL- PLASTIC & RESINS	Plastics Feeding Bottle	Migration of certain elements	IS 14625
88	CHEMICAL- PLASTIC & RESINS	Plastics Feeding Bottle	Migration test	IS 14625
89	CHEMICAL- PLASTIC & RESINS	Plastics Material	Environmental Stress Cracking Resistance (ESCR)	ASTM D 1693
90	CHEMICAL- PLASTIC & RESINS	Plastics Material	Water absorption of Plastics material	ASTM D 570
91	CHEMICAL- PLASTIC & RESINS	Polyethylene Films and sheet	Melt Flow Index	IS 2508
92	CHEMICAL- PLASTIC & RESINS	Polyethylene Films and sheets	Density	IS 2508
93	CHEMICAL- PLASTIC & RESINS	Polyethylene Mulch Films for Agriculture and Horticulture	Ash content	IS 17216
94	CHEMICAL- PLASTIC & RESINS	Polyethylene Mulch Films for Agriculture and Horticulture	Carbon Black Content	IS 17216
95	CHEMICAL- PLASTIC & RESINS	Polyethylene Mulch Films for Agriculture and Horticulture	Carbon Black Dispersion	IS 17216
96	CHEMICAL- PLASTIC & RESINS	Polyethylene Mulch Films for Agriculture and Horticulture	Density	IS 17216
97	CHEMICAL- PLASTIC & RESINS	Polyethylene Mulch Films for Agriculture and Horticulture	Melt Flow Index	IS 17216
98	CHEMICAL- PLASTIC & RESINS	Polyethylene pipe for the supply of gaseous fuels	Volatile Moisture Content	14885
99	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for Irrigation Laterals	Reversion Test	IS 12786
100	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for the Supply of Gaseous Fuels	Pigment Dispersion	IS 14885

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 7 of 59

Validity 11/02/2022 to 10/02/2024 **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
101	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for the Supply of Gaseous Fuels	Reversion	IS 14885 (Annex C)
102	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for the Supply of Gaseous Fuels	Thermal Stability to Oxidation (OIT)	IS 14885
103	CHEMICAL- PLASTIC & RESINS	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipes for Hot & Cold Water Supplie	Pigment Dispersion	IS 15450
104	CHEMICAL- PLASTIC & RESINS	Polypropylene Random Co-Polymer Pipes for Hot and Cold Water Supplies	Colour	IS 15801
105	CHEMICAL- PLASTIC & RESINS	Polypropylene Random Co-Polymer Pipes for Hot and Cold Water Supplies	Identification - Raw material	IS 15801
106	CHEMICAL- PLASTIC & RESINS	Polypropylene Random Co-Polymer Pipes for Hot and Cold Water Supplies	Melt Flow index -Raw material	IS 15801
107	CHEMICAL- PLASTIC & RESINS	Polypropylene Random Co-Polymer Pipes for Hot and Cold Water Supplies	Density-Raw material	IS 15801
108	CHEMICAL- PLASTIC & RESINS	Polypropylene Random Co-Polymer Pipes for Hot and Cold Water Supplies	Reversion	IS 15801
109	CHEMICAL- PLASTIC & RESINS	Polypropylene-random copolymer pipes for hot and cold water supplies	Influence on water intendent for human consumption	IS 15801
110	CHEMICAL- PLASTIC & RESINS	PVC Fittings	Effect on Water test - Concentration of Lead, I & III extraction, Cadmium, Mercury, Tin	IS 7834 (Part-1, 2, 3,4, 5, 6, 7 & 8)
111	CHEMICAL- PLASTIC & RESINS	PVC Geomembrance for Lining	Specific Gravity	IS 7328 :1922
112	CHEMICAL- PLASTIC & RESINS	PVC Geomembranes for Lining	Volatile Loss	IS 15909
113	CHEMICAL- PLASTIC & RESINS	PVC Geomembranes for Lining	Water Extraction (Absorption)	IS 15909
114	CHEMICAL- PLASTIC & RESINS	PVC Geomembranes for Lining - Specification	Material Identification	IS 15909
115	CHEMICAL- PLASTIC & RESINS	PVC Geomembranes for Lining - Specification	Specific Gravity	IS 15909
116	CHEMICAL- PLASTIC & RESINS	PVC Geomembranes for Lining - Specification	Volatile matter	IS 15909
117	CHEMICAL- PLASTIC & RESINS	PVC Geomembranes for Lining - Specification	Water extraction (Percentage loss in weight)	IS 15909
118	CHEMICAL- PLASTIC & RESINS	PVC pipe & Fittings	Titanium Di oxide Content (TiO2)	IS 14735

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 8 of 59

Validity 11/02/2022 to 10/02/2024 **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
119	CHEMICAL- PLASTIC & RESINS	PVC Resin	K-Value	IS 4669
120	CHEMICAL- PLASTIC & RESINS	PVC Resin	VCM Content	IS 10151
121	CHEMICAL- PLASTIC & RESINS	Rotational Molded Polyethylene Water Storage Tank	Man/Hand hole of lid Carbon black content	IS 12701
122	CHEMICAL- PLASTIC & RESINS	Sanitary Napkins — Specification	Material Identification (Cover or Top sheet, absorbent core & barrier & bottom seat	IS 5405
123	CHEMICAL- PLASTIC & RESINS	Structural wall plastic piping system for non pressure drainage and sewerage pipes for foam core with s;liding	Resistance to dichloromethane	IS 16098 (Pt.1)
124	CHEMICAL- PLASTIC & RESINS	Structural wall plastic piping system for non pressuredrainage and sewerage pipes for foam core with sliding,	Effect on Water test - Concentration of Lead, I & III extraction, Cadmium, Mercury, Tin	IS 16098:(Pt.1 & 2)
125	CHEMICAL- PLASTIC & RESINS	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B	Base Density	IS 16098(Pt.-2)
126	CHEMICAL- PLASTIC & RESINS	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B	Composition of the material (Material Identification)	IS 16098(Pt.-2)
127	CHEMICAL- PLASTIC & RESINS	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B	Melt Flow rate	IS 16098 (Pt.2)
128	CHEMICAL- PLASTIC & RESINS	Sturctured wall plastics piping systems for non pressure drainage and seweage pipes for foam core with sliding	Chlorine Content	IS 16098 (Pt.1)
129	CHEMICAL- PLASTIC & RESINS	Tarpaulins made from HDPE Woven Fabric	Carbon Black Content (HDPE Tape)	IS 7903
130	CHEMICAL- PLASTIC & RESINS	Tarpaulins made from HDPE Woven Fabric	HDPE Fabric (Identification of Fabric)	IS 7903
131	CHEMICAL- PLASTIC & RESINS	Tarpaulins made from HDPE Woven Fabric	HDPE Fabric (Lamination Identification)	IS 7903
132	CHEMICAL- PLASTIC & RESINS	Tarpaulins Made from High Density Polyethylene (HDPE) Woven Fabrics	Ash Content	IS 7903
133	CHEMICAL- PLASTIC & RESINS	Textiles - High density polyethylene (HDPE) monofilament mosquito netting, round mesh	Identification	IS 10054
134	CHEMICAL- PLASTIC & RESINS	Textiles - High density polyethylene (HDPE) monofilament mosquito netting, round mesh	Mass	IS 10054
135	CHEMICAL- PLASTIC & RESINS	Textiles - High Density Polyethylene (HDPE)/Polyethylene (PP) Woven Sack for Filling Sand	Ash Content	IS 14252

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 9 of 59

Validity 11/02/2022 to 10/02/2024 **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
136	CHEMICAL- PLASTIC & RESINS	Textiles - Polyester or Polyamide Mosquito Nets	Material Identification	IS 14953
137	CHEMICAL- PLASTIC & RESINS	Textiles - Polyester or Polyamide Mosquito Nets	pH Value of aqueous extract	IS 14953
138	CHEMICAL- PLASTIC & RESINS	Textiles - Polyester or Polyamide Mosquito Nets	Water Soluble matter	IS 14953
139	CHEMICAL- PLASTIC & RESINS	Textiles — Jute Bags for Packing 50 kg Foodgrains	Moisture Regain Oil Content	IS 12650
140	CHEMICAL- PLASTIC & RESINS	Textiles- Monoaxially oriented high density polyethylene tapes	Density	IS 6192
141	CHEMICAL- PLASTIC & RESINS	Textiles- Monoaxially oriented high density polyethylene tapes	Material Identification	IS 6192
142	CHEMICAL- PLASTIC & RESINS	Unplasticized Polyvinyl Chloride (UPVC) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System -	Sulphated Ash Content	IS 14735
143	CHEMICAL- PLASTIC & RESINS	Unplasticized Polyvinyl Chloride (UPVC) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water,	Effect on Water test - Concentration of Lead, I & III extraction, Cadmium, Mercury, Tin	IS 14735:1999
144	CHEMICAL- PLASTIC & RESINS	Unplasticized PVC Pipes For Potable Water Supplies Specification	K Value	IS 4985
145	CHEMICAL- PLASTIC & RESINS	Unplasticized PVC Pipes For Potable Water Supplies Specification	VCM Content	IS 4985
146	CHEMICAL- PLASTIC & RESINS	UPVC Non-Pressure Pipes for use in underground drainage and Sewerage systems	UPVC Non-Pressure Pipes for use in underground drainage and Sewerage systems	IS 15328:2003
147	CHEMICAL- PLASTIC & RESINS	UPVC pipe for potable water supplies, UPVC screen & casing pipe, CPVC pipes for Hot & Cold water supplies, Injection moulded PVC fittings	Effect on Water test - Concentration of Lead, I & III extraction, Cadmium, Mercury, Tin	IS 12235 (Part 4 10 & 11)
148	CHEMICAL- PLASTIC & RESINS	UPVC Pipes	Sulphated Ash Content	IS 4985 (Annexure B):
149	CHEMICAL- PLASTIC & RESINS	UPVC Pipes for potable water supplies	Effect on Water test - Concentration of Lead, I & III extraction, Cadmium, Mercury, Tin	IS 4985
150	CHEMICAL- PLASTIC & RESINS	UPVC Pipes for Soil and Waste Discharge system inside building includig ventilation & Rain Water system	Effect on Water test - Concentration of Lead, I & III extraction, Cadmium, Mercury, Tin	IS 13592

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5955	**Page No**	10 of 59
Validity	11/02/2022 to 10/02/2024	**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
151	CHEMICAL- PLASTIC & RESINS	UPVC Pipes for Soil and Waste Discharge System inside building including ventilation & Rain Water system.	K-Value	IS 13592
152	CHEMICAL- PLASTIC & RESINS	UPVC Pipes for Soil and Waste Discharge System inside building including ventilation & Rain Water system.	Resistance to Di-Chloromethane	IS 13592
153	CHEMICAL- PLASTIC & RESINS	UPVC Screen & casing pipes for bore and tubewell,	Effect on Water test - Concentration of Lead, I & III extraction, Cadmium, Mercury, Tin	IS 12818
154	CHEMICAL- PLASTIC & RESINS	UPVC SWR Fittings	Sulphated Ash Content	IS 14735 (Annexure B)
155	CHEMICAL- PLASTIC & RESINS	UPVC SWR Pipe, UPVC SWR Fitting	Resistance to Sulphuric Acid	12235 (Part-7)
156	CHEMICAL- RUBBER & RUBBER PRODUCTS	Surgical Rubber Gloves	pH of aqueous extract	IS 4148
157	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Centrifugally Cast (Spun) Ductile Iron Pressure Pipes for Water, Gas and Sewage	Brinell Hradness HBW (10/3000)	IS 8329
158	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Centrifugally Cast (Spun) Ductile Iron Pressure Pipes for Water, Gas and Sewage	Elongation at break	IS 8329
159	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Centrifugally Cast (Spun) Ductile Iron Pressure Pipes for Water, Gas and Sewage	Tensile strength	IS 8329
160	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Centrifugally Cast (Spun) Ductile Iron Pressure Pipes for Water, Gas and Sewage	Wall thickness	IS 8329
161	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings - Part 1 : Steel Tubes	Elongation at break	IS 1239(Pt.-1)
162	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings - Part 1 : Steel Tubes	Tensile Strength	IS 1239(Pt.-1)
163	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	IS 16703 : 2017 Textiles - High Density Polyethylene (HDPE) Polypropylene (PP) Woven Sacks for Packaging of 25 kg Polymer Materils	Identification of fabric	IS 16703
164	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	IS 16703 : 2017 Textiles - High Density Polyethylene (HDPE) Polypropylene (PP) Woven Sacks for Packaging of 25 kg Polymer Materils	Lamination	IS 16703
165	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	(PVC-U) Screen and Casing Pipes for Bore / Tube Well-Specification	Test for Internal Dia	IS 12818

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 11 of 59

Validity 11/02/2022 to 10/02/2024 **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
166	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	(PVC-U) Screen and Casing Pipes for Bore / Tube Well- Specification	Thickness	IS 12818
167	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textile HDPE Woven Beds for Vermiculture	Dimension & Mass	IS 15907
168	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textile HDPE Woven Beds for Vermiculture	Bonding	IS 15907
169	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textile HDPE Woven Beds for Vermiculture	Breaking Strength Before UV exposure	IS 15907
170	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textile HDPE Woven Beds for Vermiculture	Bursting strength (0.01 Kgf/cm2 to 60 Kgf/cm2)	IS 15907
171	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textile HDPE Woven Beds for Vermiculture	Colour Fastness to artificial light	IS 15907 [Xenon lamp method)
172	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textile HDPE Woven Beds for Vermiculture	Construction	IS 15907
173	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textile HDPE Woven Beds for Vermiculture	Cord Beading Diameter	IS 15907
174	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textile HDPE Woven Beds for Vermiculture	Elongation at break	IS 15907
175	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textile HDPE Woven Beds for Vermiculture	Puncture Resistance	IS 15907
176	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textile HDPE Woven Beds for Vermiculture	Retention of Breaking strength after UV exposure	IS 15907
177	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textile HDPE Woven Beds for Vermiculture	Tear Srength	IS 15907
178	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textile HDPE Woven Beds for Vermiculture	Thickness	IS 15907
179	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textile HDPE Woven Beds for Vermiculture	Water Proofness Test	IS 15907
180	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textile HDPE Woven Beds for Vermiculture	Welded Seam strength before & after UV exposure	IS 15907
181	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Insect Nets for Agriculture and Horticulture Purposes - Specification	Air permeability at 50 Pascal Water head pressure	IS 16513
182	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Insect Nets for Agriculture and Horticulture Purposes - Specification	Breaking Strength after UV exposure (Warp & Weft)	IS 16513
183	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Insect Nets for Agriculture and Horticulture Purposes - Specification	Breaking Strength Before UV exposure (Warp & Weft)	IS 16513
184	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Insect Nets for Agriculture and Horticulture Purposes - Specification	Bursting Strength	IS 16513

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 12 of 59

Validity 11/02/2022 to 10/02/2024 **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
185	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Insect Nets for Agriculture and Horticulture Purposes - Specification	Colour Mesh Number	IS 16513
186	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Insect Nets for Agriculture and Horticulture Purposes - Specification	Cover Factor	IS 16513
187	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Insect Nets for Agriculture and Horticulture Purposes - Specification	Dimension (Length & Width)	IS 16513
188	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Insect Nets for Agriculture and Horticulture Purposes - Specification	Ends per inch Picks per inch	IS 16513
189	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Insect Nets for Agriculture and Horticulture Purposes - Specification	Heat Shrinkage	IS 16513
190	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Insect Nets for Agriculture and Horticulture Purposes - Specification	Linear Density	IS 16513
191	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Insect Nets for Agriculture and Horticulture Purposes - Specification	Mass	IS 16513
192	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Insect Nets for Agriculture and Horticulture Purposes - Specification	UV Resistance Test	IS 16513
193	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Insect Nets for Agriculture and Horticulture Purposes - Specification	Width of Netting fabric	IS 16513
194	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining	Coating Thickness	IS 15351
195	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining	Dimension (Length & Width)	IS 15351
196	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining	Hydrostatic Resistance after UV test	IS 15351
197	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining	Impact failure Load	IS 15351
198	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining	Joint/Seam Strength	IS 15351
199	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining	Lamination	IS 15351
200	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining	Linear Density	IS 15351
201	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining	Mass	IS 15351
202	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining	Punture Resistance	IS 15351
203	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining	Sandwitch Thickness	IS 15351

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 13 of 59

Validity 11/02/2022 to 10/02/2024 **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
204	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining	Seam Strength before and after UV exposure	IS 15351
205	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining	Strength at max. Load	IS 15351
206	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining	Tear Strength	IS 15351
207	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining	Thickness	IS 15351
208	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining	UV Exposure	IS 15351
209	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining	Width of Tape	IS 15351
210	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining	Workmanship and appearance	IS 15351
211	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Shade Nets for Agriculture and Horticulture Purposes - Specification Part 2 Shade Nets Made from Mono Filament Yarns	Average Breaking strength of Shade Net Fabric (Warp & Weft)	IS 16008 (Pt.2)
212	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Shade Nets for Agriculture and Horticulture Purposes - Specification Part 2 Shade Nets Made from Mono Filament Yarns	Bursting Pressure	IS 16008 (PT.2)
213	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Shade Nets for Agriculture and Horticulture Purposes - Specification Part 2 Shade Nets Made from Mono Filament Yarns	Colour	IS 16008(Pt.-2)
214	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Shade Nets for Agriculture and Horticulture Purposes - Specification Part 2 Shade Nets Made from Mono Filament Yarns	Colour Fastness to artificial Light	IS 16008 (Pt.2)
215	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Shade Nets for Agriculture and Horticulture Purposes - Specification Part 2 Shade Nets Made from Mono Filament Yarns	Fabric Width	IS 16008 (Pt.2)
216	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Shade Nets for Agriculture and Horticulture Purposes - Specification Part 2 Shade Nets Made from Mono Filament Yarns	HDPE Monofilament Linear Density	IS 16008 (Pt.2)
217	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Shade Nets for Agriculture and Horticulture Purposes - Specification Part 2 Shade Nets Made from Mono Filament Yarns	HDPE Monofilament Width of Tape	IS 16008 : Part 2
218	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Shade Nets for Agriculture and Horticulture Purposes - Specification Part 2 Shade Nets Made from Mono Filament Yarns	Heat Shrinkage	IS 16008(PT.2)

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5955	**Page No**	14 of 59
Validity	11/02/2022 to 10/02/2024	**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
219	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Shade Nets for Agriculture and Horticulture Purposes - Specification Part 2 Shade Nets Made from Mono Filament Yarns	Mass	IS 16008 (Pt.2)
220	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Shade Nets for Agriculture and Horticulture Purposes - Specification Part 2 Shade Nets Made from Mono Filament Yarns	Requirements Dimensions	IS 16008 (Pt.-2)
221	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Shade Nets for Agriculture and Horticulture Purposes - Specification Part 2 Shade Nets Made from Mono Filament Yarns	Retention of Breaking Strength After UV exposure	IS 16008 (Pt.-2)
222	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Shade Nets for Agriculture and Horticulture Purposes - Specification Part 2 Shade Nets Made from Mono Filament Yarns	Shading Percentage	IS 16008 (Pt.2)
223	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles - Shade Nets for Agriculture and Horticulture Purposes - Specification Part 2 Shade Nets Made from Mono Filament Yarns	UV Resistance Test	IS 16008 (Pt.2)
224	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles High Density Polyethylene for vermiculture	Tear Strength	IS 15907
225	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles-Laminated HDPE Wove Geomembrane for water proofness lining	Breaking Load Before & After UV exposure	IS 15351
226	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles-Laminated HDPE Wove Geomembrane for water proofness lining	Bursting Strength (Ball Burst)	IS 15351
227	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles-Laminated HDPE Wove Geomembrane for water proofness lining	Hydrostatic Resistance	IS 15351
228	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Agro Textiles-Laminated HDPE Wove Geomembrane for water proofness lining	Hydrostatic Resistance after UV Resistance	IS 15351
229	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated polyvinyl chloride (CPVC) pipes for potable hot and cold water distribution supplies	Ash Content	IS 15778
230	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated polyvinyl chloride (CPVC) pipes for potable hot and cold water distribution supplies	Charpy Impact Strength (Notched)	IS 15778
231	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated polyvinyl chloride (CPVC) pipes for potable hot and cold water distribution supplies	Tensile Modulus	IS 15778
232	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated polyvinyl chloride (CPVC) pipes for potable hot and cold water distribution supplies	Tensile Strength	IS 15778
233	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated polyvinyl chloride (CPVC) pipes for potabvle hot and cold water distribution supplies	Charpy Impact Test	IS 15778
234	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated polyvinyl chloride (CPVC) pipes for potabvle hot and cold water distribution supplies	colour & Visual Appearance	IS 15778
235	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated polyvinyl chloride (CPVC) pipes for potabvle hot and cold water distribution supplies	Effective Length	IS 15778

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 15 of 59

Validity 11/02/2022 to 10/02/2024 **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
236	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated polyvinyl chloride (CPVC) pipes for potabvle hot and cold water distribution supplies	Flattening Test	IS 15778
237	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated polyvinyl chloride (CPVC) pipes for potabvle hot and cold water distribution supplies	Form & Appearance	IS 15778
238	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated polyvinyl chloride (CPVC) pipes for potabvle hot and cold water distribution supplies	Resistance to exteral blow at 0 degree C	IS 15778
239	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated polyvinyl chloride (CPVC) pipes for potabvle hot and cold water distribution supplies	Tensile Strength	IS 15778
240	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated polyvinyl chloride (CPVC) pipes for potabvle hot and cold water distribution supplies	Thermal stablity test for 8760 hours	IS 15778
241	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated polyvinyl chloride (CPVC) pipes for potabvle hot and cold water distribution supplies	Verification of malfunction Temperature of CPVC materials	IS 15778
242	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated Polyvinyl Chloride Compounds Used for Pipes and Fittings	Charpy Impact Strength	IS 15225
243	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated Polyvinyl Chloride Compounds Used for Pipes and Fittings	Form & Appearance	IS 15225
244	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated Polyvinyl Chloride Compounds Used for Pipes and Fittings	Tensile Strength Tensile Modulus	IS 15225
245	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cladding Films for Greenhouse / Polyhouse	Appearance	IS 15827
246	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cladding Films for Greenhouse / Polyhouse	Average Thickness	IS 15827
247	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cladding Films for Greenhouse / Polyhouse	Creep Test	IS 15827
248	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cladding Films for Greenhouse / Polyhouse	Density	IS 15827
249	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cladding Films for Greenhouse / Polyhouse	Determination of width	IS 15827
250	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cladding Films for Greenhouse / Polyhouse	Drop Test	IS 15827
251	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cladding Films for Greenhouse / Polyhouse	Durability Test (Resistance to weathering)	IS 15827
252	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cladding Films for Greenhouse / Polyhouse	Elongation at break	15827
253	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cladding Films for Greenhouse / Polyhouse	Haze	IS 15827
254	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cladding Films for Greenhouse / Polyhouse	Tear Strength	IS 15827

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 16 of 59

Validity 11/02/2022 to 10/02/2024 **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
255	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cladding Films for Greenhouse / Polyhouse	Tensile strength	IS 15827
256	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cladding Films for Greenhouse / Polyhouse	Total Visible light transmittance	IS 15827
257	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Conduit For Electrical Installations Part 3: Rigid plane conduits of insulating materials	Dimensions	IS 9537 (Part 3)
258	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Conduit For Electrical Installations Part 3: Rigid plane conduits of insulating materials	Electrical Strength	IS 9537 (Part 1)
259	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Conduit For Electrical Installations Part 3: Rigid plane conduits of insulating materials	Impact Test	IS 9537 (Part 1)
260	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Conduit For Electrical Installations Part 3: Rigid plane conduits of insulating materials	Length of Pipe	IS 9537 (Part 3)
261	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Conduit For Electrical Installations Part 3: Rigid plane conduits of insulating materials	Resistance to Burning	IS 9537 (Part 1)
262	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Conduit For Electrical Installations Part 3: Rigid plane conduits of insulating materials	Uniformity of Wall Thickness	IS 9537 (Part 3)
263	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Conduits for electrical installation	Bending test (at ambient Temp.) (At Low Temp)	IS 9537
264	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Conduits for electrical installation	Compression Test	IS 9537 (Pt. 1)
265	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Conduits for electrical installation	Construction	IS 9537
266	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Conduits for electrical installation	Dimension and wall thickness	IS 9537 (Pt.3)
267	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Conduits for electrical installation	Electrical and insulation resistane	IS 9537 (Pt. 1)
268	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Conduits for electrical installation	Gauge checking	IS 9537 (Pt. 3)
269	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Conduits for electrical installation	Marking , Durability of the markings	IS 9537
270	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Conduits for electrical installation	Resistance to heat	IS 9537 (Pt. 3)
271	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Conduits for electrical installations	Collapse Test	IS 9537 (Pt. 1)
272	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Container for packaging of natural mineral water	Design, Shape & Dimension	IS 15410
273	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Container for packaging of natural mineral water	Migration test of bottle and cap	IS 15410

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 17 of 59

Validity 11/02/2022 to 10/02/2024 **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
274	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Container for Packaging of Natural Mineral Water & Packaged Drinking Water	Brimful Capacity	IS 15410
275	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Container for Packaging of Natural Mineral Water & Packaged Drinking Water	Manufactur, Workmanship, Finish & Appearance	IS 15410
276	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Container for Packaging of Natural Mineral Water & Packaged Drinking Water	Transparancy	IS 15410 (Annexure A)
277	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Container for Packaging of Natural Mineral Water & Packaged Drinking Water	Wall Thickness	IS 15410
278	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Container for packaging of natural mineral water & packed drinking water	Leakage Test	IS 15410
279	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Container for packaging of natural mineral water & packed drinking water	Water Potability Test	IS 15410
280	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	CPVC Pipes for Potable Hot & Cold Water Distribution Supplies	Density	IS 15778
281	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	CPVC Pipes for Potable Hot & Cold Water Distribution Supplies	Dimensions	IS 15778
282	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	CPVC Pipes for Potable Hot & Cold Water Distribution Supplies	Hydrostatic Characteristics for Pipe Acceptance Test for 1 hour Type test for 165 hours Type test for 1000 hours, Thermal Stability (Hydrostatic Pressure test for 8760 hours), Verification of Malfunction Temperature of CPVC material (1000 hrs) Type test	IS 15778
283	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	CPVC Pipes for Potable Hot & Cold Water Distribution Supplies	Opacity	IS 15778
284	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	CPVC Pipes for Potable Hot & Cold Water Distribution Supplies	Resistance to Exteral Blow	IS 15778
285	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fabricated PVC Fitting for Potable Water Supplies	Dimensions	IS 10124 (Pt.-2)
286	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fabricated PVC Fitting for Potable Water Supplies	Opacity (Light Transmittance %)	IS 10124 (Part 1)
287	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fabricated PVC Fitting for Potable Water Supplies	Out of roundness	IS 10124 (Pt.-1)
288	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fabricated PVC Fitting for Potable Water Supplies	Performance requirement (Opacity)	IS 10124 (Pt-2)
289	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fabricated PVC Fitting for Potable Water Supplies	Short Term Hydraulic Test	IS 10124 (Part 1 to Part-13) (Appendix B)

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 18 of 59

Validity 11/02/2022 to 10/02/2024 **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
290	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fabricated PVC Fitting for Potable Water Supplies	Socket Length & Diameter at midpoint of socket length	IS 10124 (Part 1)
291	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fabricated PVC Fitting for Potable Water Supplies	Total include angle of Taper	IS 10124 (Pt.-1)
292	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Face Shield & Goggles	Drop Ball Test	ANSI/ISEA/Z87.1(CL9.6)
293	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Face Shield & Goggles	High Mass Impact	ANSI/ISEA/Z87.1 (Cl.9.11)
294	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Face Shield & Goggles	Ignition	ANSI/ISEA/Z87.1(Cl. 9.7)
295	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Face Shield & Goggles	Penetration test	ANSI/ISEA/Z87.1 (Cl. 9.13)
296	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Face Shield & Goggles	Visible Transmittance	ASTM D 1003
297	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fittings for Non metallic Conduits	Construction & Visual Appreance	IS 3419
298	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fittings for Non metallic Conduits	Diameter	IS 3419
299	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fittings for Non metallic Conduits	Dimensions	IS 3419
300	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fittings for Non metallic Conduits	Resistance to burning	IS 3419
301	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fittings for rigid non metallic conduits	Electrical Strength (1kV~10kV)	IS 3419
302	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fittings for rigid non metallic conduits	Marking	IS 3419
303	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fittings for rigid non metallic conduits	Resistance to Heat (Temperature range:20~100 degree Celsius)	IS 3419
304	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fittings for rigid non metallic conduits	Resistance to Impact	IS 3419
305	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fittings for rigid non-metallic conduits	Insulation Resistance (1mOhm~100mOhm)	IS 3419
306	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE material for moulding and extrusion	Density	IS 7328
307	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Material for moulding and extrusion	Melt Flow Index	IS 2530

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 19 of 59

Validity 11/02/2022 to 10/02/2024 **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
308	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes for Potable Water Supples	Melt Flow Rate	IS 4984
309	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes for Potable Water supplies	Base Density	IS 4984
310	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE pipes for potable water supplies	Dimensions (Outside Dia, Ovality, Wall Thickness)	IS 4984
311	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes for Potable water supplies	Hydrostatic Test (Acceptance & Type)	IS 4984
312	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes for potable water supplies	Length	IS 4984
313	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven sacks for packaging of Pesticides	Dimensions	IS 8069
314	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven sacks for packaging of Pesticides	Ends/dm, Picks/dm	IS 8069
315	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven sacks for packaging of Pesticides	Handle	IS 8069
316	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven sacks for packaging of Pesticides	Handling	IS 8069
317	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven sacks for packaging of Pesticides	Linear Density	IS 8069
318	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven sacks for packaging of Pesticides	Mass of Loose film	IS 8069
319	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven sacks for packaging of Pesticides	Mass of sack	IS 8069
320	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven sacks for packaging of Pesticides	Seam, Mouth of Sack, Capacity	IS 8069
321	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven sacks for packaging of Pesticides	Thickness of loose Liner	IS 8069
322	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven Sacks for Packaging of Pesticides	Visual Appearance	IS 8069
323	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven Sacks for Packaging of Pesticides	Width-HDPE Tape	IS 8069
324	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 10/15/20/25/30 Kg. Food grains	Anti Slip Pattern	IS 16208
325	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 10/15/20/25/30 Kg. Food grains	Bottom Seam & Mouth	IS 16208

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5955	**Page No**	20 of 59
Validity	11/02/2022 to 10/02/2024	**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
326	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 10/15/20/25/30 Kg. Food grains	Breaking Strength Before & After UV Exposure Lengthwise & Widthwise	IS 16208
327	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 10/15/20/25/30 Kg. Food grains	Breaking Strength of Bottom Seam	IS 16208
328	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 10/15/20/25/30 Kg. Food grains	Capacity	IS 16208
329	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 10/15/20/25/30 Kg. Food grains	Dimension Inside Length Inside Width	IS 16208
330	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 10/15/20/25/30 Kg. Food grains	Elongation at break Before & After UV exposure Lengthwise & Widthwise	IS 16208 [IS 1969]
331	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 10/15/20/25/30 Kg. Food grains	Ends./dm Picks/dm	IS 16208 [ANNEX B]
332	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 10/15/20/25/30 Kg. Food grains	Linear Density	IS 16208
333	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 10/15/20/25/30 Kg. Food grains	Mass of Sack	IS 16208 [IS 1964]
334	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 10/15/20/25/30 Kg. Food grains	Width-HDPE/PP Tape	IS 16208
335	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 10/15/20/25/30Kg. Food grain	Weathering Test (UV Resistance Test)	IS 16208 [Annexure C]
336	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven sacks for packaging of 25 Kg Polymer	Bottom Seam	IS 16703
337	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven sacks for packaging of 25 Kg Polymer	Breaking strength of bottom seam	IS 16703
338	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven sacks for packaging of 25 Kg Polymer	Breaking strength of fabric & elongation	IS 16703
339	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven sacks for packaging of 25 Kg Polymer	Capacity	IS 16703
340	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven sacks for packaging of 25 Kg Polymer	Dimension (all)	IS 16703 [Annexure B]
341	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven sacks for packaging of 25 Kg Polymer	Drop Impact Strength	IS 16703 [Annexure C]
342	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven sacks for packaging of 25 Kg Polymer	Ends/dm, Picks/dm	IS 16703 [Annexure B]
343	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven sacks for packaging of 25 Kg Polymer	Linear Density	IS 16703

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 21 of 59

Validity 11/02/2022 to 10/02/2024 **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
344	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven sacks for packaging of 25 Kg Polymer	Linear Thickness	IS 16703
345	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven sacks for packaging of 25 Kg Polymer	Mass of gusseted type	IS 16703
346	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven sacks for packaging of 25 Kg Polymer	UV Resistance	IS 16703 [Annexure F]
347	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 25/50 Kg. Sugar	Bottom Seam & Mouth	IS 14968
348	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 25/50 Kg. Sugar	Bottom seam of loose liner	IS 14968
349	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 25/50 Kg. Sugar	Breaking Strength Before & After UV exposure Lengthwise & Widthwise	IS 14968
350	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 25/50 Kg. Sugar	Breaking Strength of Bottom Seam	IS 14968
351	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 25/50 Kg. Sugar	Capacity	IS 14968
352	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 25/50 Kg. Sugar	Dimension Inside Length Inside Width	IS 14968
353	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 25/50 Kg. Sugar	Elongation at break Before & After UV exposure Lengthwise & Widthwise	IS 14968
354	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 25/50 Kg. Sugar	Ends/dm Picks/dm	IS 14968
355	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 25/50 Kg. Sugar	Identification of liner	IS 14968
356	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 25/50 Kg. Sugar	Length of Loose Liner	IS 14968
357	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 25/50 Kg. Sugar	Linear Density	IS 14968
358	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 25/50 Kg. Sugar	Mass of Unlaminated Sack & Mass of Sack with liner	IS 14968
359	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 25/50 Kg. Sugar	Moass of the Loose Liner	IS 14968
360	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 25/50 Kg. Sugar	Visual Appearance	IS 14968
361	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 25/50 Kg. Sugar	Weathering Test (UV Resistance Test)	IS 14968

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 22 of 59

Validity 11/02/2022 to 10/02/2024 **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
362	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 25/50 Kg. Sugar	Width of Loose liner	IS 14968
363	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 25/50 Kg. Sugar	Width-HDPE/PP Tape	IS 14968
364	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 50 Kg. Food grain	Weathering Test (UV Resistance Test)	IS 14887
365	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 50 Kg. Food grains	Breaking Strength of Bottom Seam	IS 14887
366	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 50 Kg. Food grains	Capacity	IS 14887
367	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 50 Kg. Food grains	Fabric Identification	IS 14887
368	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 50 Kg. Food grains	Mass of Sack	IS 14887
369	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 50Kg. Food grains	Anti Slip Pattern	IS 14887
370	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 50Kg. Food grains	Bottom Seam & Mounth	IS 14887
371	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 50Kg. Food grains	Breaking Strength of Fabric (Avg.) Before & After UV exposure Length & widthwise	IS 14887
372	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 50Kg. Food grains	Dimensions Inside length & Inside Width	IS 14887
373	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 50Kg. Food grains	Elongation at break before & After UV expsoure Length wise & Widthwise	IS 14887
374	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 50Kg. Food grains	Ends/dm Picks/dm	IS 14887
375	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of 50Kg. Food grains	Width - HDPE/PP Tape	IS 14887
376	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Cement	Bottom Seam & Mouth	IS 11652
377	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Cement	Breaking Strength of Fabric	IS 11652
378	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Cement	Breaking Strength of Top and Bottom seam	IS 11652
379	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Cement	Capacity	IS 11652

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 23 of 59

Validity 11/02/2022 to 10/02/2024 **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
380	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Cement	Drop Impact Strength	IS 11652
381	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Cement	Elongation at break	IS 11652
382	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Cement	Ends/dm Picks/dm	IS 11652
383	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Cement	Length of Sack Width of Sack Width of the gusset Width of valve Depth of Valve	IS 11652
384	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Cement	Mass of Bale	IS 11652
385	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Cement	Mass of Sack	IS 11652
386	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Cement	Sacks	IS 11652
387	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Cement	Seam	IS 11652
388	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Cement	UV Resistance	IS 11652
389	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Cement	Valve for filling of sacks	IS 11652
390	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Cement	Width - HDPE/PP Tape	IS 11652
391	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Fertilizers	Bottom Seam & Mouth	IS 9755
392	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Fertilizers	Breaking Stength of Bottom Seam	IS 9755
393	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Fertilizers	Breaking Strength Before & After UV exposure Lengthwise & Widthwise Direction	IS 9755
394	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Fertilizers	Capacity	IS 9755
395	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Fertilizers	Dimensions Length Width	IS 9755
396	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Fertilizers	Elongation at break	IS 9755
397	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Fertilizers	Ends/dm Picks/dm	IS 9755

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 24 of 59

Validity 11/02/2022 to 10/02/2024 **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
398	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Fertilizers	Linear Density	IS 9755
399	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Fertilizers	Mass of Fabric	IS 9755
400	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Fertilizers	Thickness of Liner	IS 9755
401	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks for Packaging of Fertilizers	Width-HDPE/PP Tape	IS 9755
402	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Colour	IS 14333
403	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Dimensions	IS 14333
404	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Hydrostatic Characteristics Quality Test Acceptance Test	IS 14333
405	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Length of the straight pipe	IS 14333
406	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Max. out of square of pipe end	IS 14333
407	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Melt Flow Index	IS 14333
408	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Reversion Test	IS 14333
409	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Thickness	IS 14333
410	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Visual Appearace	IS 14333
411	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Industrial Face Shield	Flammability Test	IS 8521 (Part-1)
412	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Industrial Face Shield	Visual & Dimentional examination	IS 8521 (Pt.-1)
413	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Industrial Face Shields	Impact Resistance	IS 8521 (Part-1)
414	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Industrial Face Shields	Penetration Resistance	IS 8521 (Part-1)
415	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Industrial Face Shields	Visible Transmittance	IS 8521 (Part-1)
416	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Industrial Safety Helmets	Construction	IS 2925

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 25 of 59

Validity 11/02/2022 to 10/02/2024 **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
417	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Industrial Safety Helmets	Harness	IS 2925
418	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Industrial Safety Helmets	Mass of Helmet (without attachment and with and without peak)	IS 2925
419	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Industrial Safety Helmets	Metal Parts	IS 2925
420	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Industrial Safety Helmets	Shell Materials	IS 2925
421	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Industrial Safety Helmets	Shock Absorption Test	IS 2925
422	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Industrial Safety Helmets	Size (Inside circumference of Headband adjustable)	IS 2925
423	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Industrial Safety Helmets	Width of brim, Width of Peak, Ventilation Holes, Crale, Chin Strips, Nape Strips, Lamp Brackets, Cable Clip, Workmanship & Finish, Penetration Resistance, Electrical Resistance	IS 2925
424	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with solven cement joints for water supplies	Hydrostatic Characteristics	IS 7834 (Part-1, 2, 3,4, 5, 6, 7 & 8)
425	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with solven cement joints for water supplies	Laying Length	IS 7834 (Part(2, 3, 4, 5, 6 & 7)
426	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with solven cement joints for water supplies	Opacity	IS 7834 (Part-1, 2, 3,4, 5, 6, 7 & 8)
427	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with solven cement joints for water supplies	Stress Relief Test	IS 7834 (Part-1, 2, 3,4, 5, 6, 7 & 8)
428	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with solven cement joints for water supplies	Thickness	IS 7834 (Part-1, 2, 3,4, 5, 6, 7 & 8)
429	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with solven cement joints for water supplies	Visual Appearance	IS 7834 (Part-1, 2, 3,4, 5, 6, 7 & 8)
430	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with solven cement joints for water supplies [Elbow, tee, socket, Caps etc.]	Dimensions (all)	IS 7834 (Part-1, 2, 3,4, 5, 6, 7 & 8)
431	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Emitting Pipe System	Dimension of Pipe	IS 13488
432	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Emitting Pipe System	Construction Requirements Dimension of connecting fittings Dimensions of fittings Fittings Fittings General	IS 13488

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 26 of 59

Validity 11/02/2022 to 10/02/2024 **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
433	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Emitting Pipe System	Dimensions of smallest flow path in Emitters	IS 13488
434	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Emitting Pipe System	Emitting Unit exponent	IS 13488
435	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Emitting Pipe System	Resistance to Hydrostatic Pressure at abient temperature	IS 13488
436	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Emitting Pipe System	Resistance to Hydrostatic Pressure at elevated temperature	IS 13488
437	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Emitting Pipe System	Resistance to Pull out joints between Fittings and Emitting	IS 13488
438	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Emitting Pipe System	Resistance to tension at Elevated Temperature	IS 13488
439	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Emitting Pipe System	Spacing between Emitting	IS 13488
440	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Emitting Pipe System	Uniformity of Emission Rate & Emission rate as function of inlet pressure	IS 13488
441	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Hydrocyclone Filters	Construction test	IS 14743
442	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Hydrocyclone Filters	Pressure gauge flow meter	IS 14743
443	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Hydrocyclone Filters	Resistance of filter at elevated temp.	IS 14743
444	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Hydrocyclone Filters	Resistance of internal hydraulic pressure	IS 14743
445	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Hydrocyclone Filters	Under flow chamber	IS 14743
446	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment - Media filter	Filter Housing Vessal	IS 14606
447	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment - Media filter	Mean effective size and uniformity	IS 14606
448	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment - Media filter	Pressure drop Vs flow testing	IS 14606
449	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment - Media filter	Resistance of filter to internal hydrostatic pressure at high temperature	IS 14606
450	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment - Media filter	Resistance to filter to internal hydrostatic pressure	IS 14606

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5955	**Page No**	27 of 59
Validity	11/02/2022 to 10/02/2024	**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
451	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Dimensions of Quick coupled Pipes & fittings	IS 17425
452	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Dimensions of quick coupled pump connectors	IS 17425
453	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Fusion Compatibility test	IS 17425
454	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Minimum Elongation at break	IS 17425
455	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Minimum Tensile Strength at yield	IS 17425
456	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Quick coupled Pipes Quick coupled male & female coupler HDPE Couplers Workmanship & Appearance Holding attachment for coupler parts Quick coupled pipe fitting	IS 17425
457	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Reversion Test	IS 17425
458	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Tensile test	IS 17425
459	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems - Specification	Visual appearance & workmanship (Plain PE pipe) Hydraulic Performance characteristics	IS 17425
460	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment - Rotating sprinkler:	Actuating Mechanism	IS 12232 (Pt.-1)
461	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment - Rotating sprinkler:	Durability Test	IS 12232 (Pt.1)
462	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment - Rotating sprinkler:	Operating Tests Uniformity of rotating speed Rotation Speed Extreme (-) deviation Extreme (+) deviation	IS 12232 (Pt.-1)
463	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment - Rotating sprinkler:	Test for the flow rate of sprinkler	IS 12232 (Pt.-1)
464	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment - Rotating sprinkler:	Test for uniformity of rotation speed	IS 12232 (Pt-1)
465	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment - Rotating sprinkler:	Test of range of effective pressure	IS 12232 (Pt.-1)
466	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment - Rotating sprinkler:	Threaded Connection	IS 12232 (Pt.-1)

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 28 of 59

Validity 11/02/2022 to 10/02/2024 **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
467	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes - Polyethylene Pipes	Material Identification of coupler	IS 14151 (Pt.-2)
468	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes - Polyethylene Pipes	Rubber Ring identification Colour of rubber ring	IS 14151 (Pt,-2)
469	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes : Quick Coupled Polyethylene Pipes and fittings	Hodling attachment for coupler part	IS 14151Part 2
470	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes : Quick Coupled Polyethylene Pipes and fittings	Wall Thickness of coupler	IS 14151 (Pt.-2)
471	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes :Quick Coupled Polyethylene Pipes and fittings	Quick coupled type HDPE fittings	IS 14151 (Pt. 2)
472	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Strainer-type Filters	Clean pressure drop	IS 12785
473	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Strainer-type Filters	Resistance of filter element to buckling and tearing	IS 12785
474	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Strainer-type Filters	Resistance of strainer to internal hydrostatic pressure	IS 12785
475	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Strainer-type Filters	Resistance to internal hydrostatic pressure at high temperature	IS 12785
476	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Strainer-type Filters	Strainer housing (Vessel)	IS 12785
477	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Strainer-type Filters	Tightness of filter element	IS 12785
478	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Rotating Sprinkler	Durability Test	IS 12232 (Part 1)
479	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Rotating Sprinkler	Effective Pressure	IS 12232 (Pt. 1)
480	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Rotating Sprinkler	Test for Construction and parts	IS 12232 (Part 1)
481	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Rotating Sprinkler	Test of resistance to Hydrostatic Pressure at Ambient Temperature	IS 12232 (Part 1)
482	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Rotating Sprinkler	Test of Resistance to Hydrostatic Pressure at High Tempetature	IS 12232 (Part 1)
483	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Sprinkler Pipes (Pt,-2)-Quick Coupled Polyethylene Pipes and fittings	Density	IS 14151 (Pt. 2)
484	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Sprinkler Pipes (Pt,-2)-Quick Coupled Polyethylene Pipes and fittings	Dimensions	IS 14151 (Pt. 2)

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 29 of 59

Validity 11/02/2022 to 10/02/2024 **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
485	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Sprinkler Pipes (Pt,-2)-Quick Coupled Polyethylene Pipes and fittings	Holding attachment for Coupler parts	IS 14151 (Pt. 2)
486	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Sprinkler Pipes (Pt,-2)-Quick Coupled Polyethylene Pipes and fittings	Hydraulic Proof Test	IS 14151 (Pt. 2)
487	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Sprinkler Pipes (Pt,-2)-Quick Coupled Polyethylene Pipes and fittings	Hydrulic Characteristics	IS 14151 (Pt. 1)
488	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Sprinkler Pipes (Pt,-2)-Quick Coupled Polyethylene Pipes and fittings	Leakage Test	IS 14151 (Pt. 2)
489	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Sprinkler Pipes (Pt,-2)-Quick Coupled Polyethylene Pipes and fittings	Melt Flow Rate	IS 14151 (Pt. 2)
490	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Sprinkler Pipes (Pt,-2)-Quick Coupled Polyethylene Pipes and fittings	Rubber Ring Hardness before & After ageing	IS 14151 (Pt. 2)
491	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Sprinkler Pipes (Pt,-2)-Quick Coupled Polyethylene Pipes and fittings	Size of the coupler part dimension	IS 14151 (Pt. 2)
492	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Sprinkler Pipes (Pt,-2)-Quick Coupled Polyethylene Pipes and fittings	Thickness	IS 14151 (Pt. 1)
493	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Sprinkler Pipes (Pt,-2)-Quick Coupled Polyethylene Pipes and fittings	Weldability Test	IS 14151 (Pt. 2)
494	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Sprinkler Pipes (Pt,-2)-Quick Coupled Polyethylene Pipes and fittings	Workmanship & Appearance	IS 14151 (Pt. 1
495	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Sprinkler Polyethylene Pipe	Tensile strength at yield	IS 14151 (Pt. 1)
496	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Sprinkler Polyethylene Pipes	Hydraulic Characteristics Qualtiy Test Acceptance Test	IS 14151 (Pt. 1)
497	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment -Sprinkler Polyethylene Pipes	Reversion Test	IS 14151 (Pt. 1)
498	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Emitters	Dimensions of smallest flow path in Emitters	IS 13487
499	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Emitters	Emission rate as function of inlet pressure	IS 13487
500	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Emitters	Emitter Exponent	IS 13487
501	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Emitters	Emitter Pull Out	IS 13487
502	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Emitters	Leakage Test	IS 13487

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 30 of 59

Validity 11/02/2022 to 10/02/2024 **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
503	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Emitters	Mechanical Tests and Requirements Construction and workmanship	IS 13487
504	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Emitters	Resistance to Hydrostatic Pressure	IS 13487
505	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Emitters	Uniformity of emission rate	IS 13487
506	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Micro Sprayers	Resistance to hydrostatic pressure test at ambient temperature	IS 14605
507	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Micro Sprayers	Resistance to threded connection	IS 14605
508	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Polyethylene Micro Tubes for drip Irrigation.	Dimensions	IS 14482
509	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Polyethylene Micro Tubes for drip Irrigation.	Elongation at break	IS 14482:
510	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Polyethylene Micro Tubes for drip Irrigation.	ESCR Test	IS 14482:
511	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Polyethylene Micro Tubes for drip Irrigation.	Hydrostatic Pressure test	IS 14482
512	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Polyethylene Micro Tubes for drip Irrigation.	Reversion Test	IS 14482
513	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Polyethylene Micro Tubes for drip Irrigation.	Supply of microtubes	IS 14482
514	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Polyethylene Micro Tubes for drip Irrigation.	Tensile Strength	IS 14482
515	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Polyethylene Micro Tubes for drip Irrigation.	Thickness	IS 14482
516	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Polyethylene Micro Tubes for drip Irrigation.	Visual Appearance	IS 14482
517	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment-Rotating Sprinkler	Construction and workmanship	IS 12232 (Pt. 1)
518	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment-Rotating sprinkler	Nozzle Threads	IS 12232 (Pt. 1)
519	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment-Rotating sprinkler	Nozzle threads intended for threaded connection	IS 12232 (Pt. 1)
520	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment-Rotating sprinkler	Test of uniformity of flow rate, distribution characteristics, effective diameter of coverage	IS 12232 (Pt. 1)

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 31 of 59

Validity 11/02/2022 to 10/02/2024 **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
521	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment-Rotating sprinkler	Thread connection to riser	IS 12232 (Pt. 1)
522	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment-Rotating sprinkler	Water tightness of nozzle connection	IS 12232 (Pt. 1)
523	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Rotating Sprinkler	Water Tightness of sprinkler	IS 12232 (Pt. 1)
524	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment-Sprinkler Polyethylene Pipe	Visual Appearance	IS 14151(Pt. 1)
525	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	LDPE Film	Tear Resistance (Machine Direction & Transverse Direction)	IS 2508
526	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxially oriented polypropylene tapes	Dimensional Stability	IS 11197
527	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxially oriented polypropylene tapes	Elongation of the tape	IS 11197
528	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxially oriented polypropylene tapes	Linear Density	IS 11197
529	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxially oriented polypropylene tapes	Tenacity	IS 11197
530	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxially oriented polypropylene tapes	Thickness of flat tape width of tape	IS 11197
531	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/Tarpaulins/Covers/Agricultural Films	Accelerated ageing test	IS 14611
532	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/Tarpaulins/Covers/Agricultural Films	Construction of Sheet/Tarpulin/Covers/Agricultural Films	IS 14611
533	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/Tarpaulins/Covers/Agricultural Films	Ease of in-situ repair	iS 14611
534	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/Tarpaulins/Covers/Agricultural Films	Substance	IS 14611
535	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/Tarpaulins/Covers/Agricultural Films	Tear Strength after ageing (Lengthwise & widthwise)	IS 14611
536	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/Tarpaulins/Covers/Agricultural Films	Tensile Strength after ageing	IS 14611
537	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/Tarpaulins/Covers/Agricultural Films	Dart Impact Strength	IS 14611
538	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/Tarpaulins/Covers/Agricultural Films	Elongation at break	IS 14611

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 32 of 59

Validity 11/02/2022 to 10/02/2024 **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
539	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/Tarpaulins/Covers/Agricultural Films	Elongation at break after UV exposure	IS 14611
540	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/Tarpaulins/Covers/Agricultural Films	Flex Test	IS 14611
541	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/Tarpaulins/Covers/Agricultural Films	Mass per unit area	IS 14611
542	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/Tarpaulins/Covers/Agricultural Films	Strength of Joints	IS 14611
543	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/Tarpaulins/Covers/Agricultural Films	Tear Strength (Lengthwise and widthwise)	IS 14611
544	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/Tarpaulins/Covers/Agricultural Films	Tensile Strength	IS 14611
545	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/Tarpaulins/Covers/Agricultural Films	Tensile strength after UV exposure	IS 14611
546	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/Tarpaulins/Covers/Agricultural Films	Water Proofness test	IS 14611
547	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/Tarpaulins/Covers/Agricultural Films	Workmanship and appearance	IS 14611
548	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated sheets/tarpulins/covers/Agricultural Films	Flex Test after and befoe ageing	IS 14611
549	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated sheets/tarpulins/covers/Agricultural Films	Panel length and width	IS 14611
550	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated sheets/tarpulins/covers/Agricultural Films	Strength of Joint/Seam	IS 14611
551	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated sheets/tarpulins/covers/Agricultural Films	Workmanship	IS 14611
552	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Oriented Unplasticized Polyvinyl Chloride (PVC-O) Pipes for Water Supply-Specification	Alternative test to Resistance to Di-Chloromethane test uni-axial tensile test	IS 16647
553	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Oriented Unplasticized Polyvinyl Chloride (PVC-O) Pipes for Water Supply-Specification	Dimensions of Pipe (MOD, OD at any point) , Wall Thickness, Tolerance on wall thickness, Length Dimension of intergral socket	IS 16647
554	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Oriented Unplasticized Polyvinyl Chloride (PVC-O) Pipes for Water Supply-Specification	Effect on Water test	IS 16647
555	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Oriented Unplasticized Polyvinyl Chloride (PVC-O) Pipes for Water Supply-Specification	Material Classification Design coefficient Design Stress	IS 16647

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 33 of 59

Validity 11/02/2022 to 10/02/2024 **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
556	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Oriented Unplasticized Polyvinyl Chloride (PVC-O) Pipes for Water Supply-Specification	Mechanical characteristics of Assemblies including joints, Short term Pressure test for leak tightness of assembles, Short term negative Pressure test for leak tightness of assemblies., Long term Pressure test for leak Tightness, Elastomeric seals (Visual)	IS 16647
557	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Oriented Unplasticized Polyvinyl Chloride (PVC-O) Pipes for Water Supply-Specification	Opacity	IS 16647
558	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Oriented Unplasticized Polyvinyl Chloride (PVC-O) Pipes for Water Supply-Specification	Orientation Factor	IS 16647
559	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Oriented Unplasticized Polyvinyl Chloride (PVC-O) Pipes for Water Supply-Specification	Pipe ends	IS 16647
560	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Oriented Unplasticized Polyvinyl Chloride (PVC-O) Pipes for Water Supply-Specification	Pipes with Integral socket	IS 16647
561	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Oriented Unplasticized Polyvinyl Chloride (PVC-O) Pipes for Water Supply-Specification	Pipes with integral socket	IS 16647
562	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Oriented Unplasticized Polyvinyl Chloride (PVC-O) Pipes for Water Supply-Specification	Resistance to Di-Chloro methane	IS16647
563	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Oriented Unplasticized Polyvinyl Chloride (PVC-O) Pipes for Water Supply-Specification	Resistance to external blows at 0 deg C	IS 16647
564	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Oriented Unplasticized Polyvinyl Chloride (PVC-O) Pipes for Water Supply-Specification	Ring Stiffness	IS 16647
565	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Oriented Unplasticized Polyvinyl Chloride (PVC-O) Pipes for Water Supply-Specification	Visual Appearance & Colour	IS 16647
566	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pipe for water supplies	Colour	IS 4984
567	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pipes for Water Supplies	Elongation at break	IS 4984
568	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pipes for Water Supplies	Slow Crack Growth Rate	IS 4984
569	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pipes for Water Supplies	Tensile Strength for Butt fusion pipes	IS 4984
570	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pipes for Water Supplies	Water Content	IS 4984
571	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pipes for Water Supply	Visual Appearance	IS 4984

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 34 of 59

Validity 11/02/2022 to 10/02/2024 **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
572	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and plastic products	Material Identification	ASTM D 3418 (DSC method)
573	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Container	Drop Test	IS 15410
574	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material & Products	Determining Arobic Biodegradation of plastics materials under controlled composition condition corporating thermophelic temperature	ASTM D 5338
575	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material and products	Arc Resistance	ASTM D 495
576	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material and products	CTI	ASTM D 5288
577	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material and products	Di-Electric Strength	ASTM D 149
578	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material and products	Surface resistivity	ASTM D 256
579	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material and products	Volume resistivity	ASTM D 256
580	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Crates for Fruits and Vegetables	Colour of Plastics Crates	IS 15532
581	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Crates for Fruits and Vegetables	Confluence Line Strength	IS 15532
582	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Crates for Fruits and Vegetables	Dimensional Stablity	IS 15532
583	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Crates for Fruits and Vegetables	Dimensions	IS 15532
584	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Crates for Fruits and Vegetables	Handle Test	IS 15532
585	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Crates for Fruits and Vegetables	Mass	IS 15532
586	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Crates for Fruits and Vegetables	Mechanical Strength (Compressive Strength)	IS 15532
587	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Crates for Fruits and Vegetables	Resistance to Drop	IS 15532
588	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Feeding Bottle	Ageing Resistance	IS 14625

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 35 of 59

Validity 11/02/2022 to 10/02/2024 **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
589	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Feeding Bottle	Capacity Capacity Scale	IS 14625
590	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Feeding Bottle	Compressive Deformation Resistance	IS 14625
591	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Feeding Bottle	Drop Test	IS 14625
592	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Feeding Bottle	Leakage Test	IS 14625
593	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Feeding Bottle	Manufacturing, Workmanship & Appearance Description	IS 14625
594	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Feeding Bottle	Product Resistance of Printed Container	IS 14625
595	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Feeding Bottle	Transparency	IS 14625
596	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Feeding Bottle	Wall Thickness	IS 14625
597	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Material & Producs	Elongation at break	ASTM D 638
598	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics material & Products	Elongation at break	ASTM D 882
599	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Material & Products	Izod Impact Strength	ISO 180
600	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics material & Products	Weathering of Polymer/UV ageing	ASTM G 155
601	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Material & Products	Weathering of Polymer/UV ageing	ISO 4982
602	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics material and product	Tensile Strength Tensile Modulus	ASTM D 638
603	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics materials & Products	Elongation at break	ISO 527
604	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Materials & Products	Flexural Strength	ISO 178
605	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Materials & Products	Tensile Strength Tensile Modulus	ISO 527
606	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics materilas & Products	Tensile Strength Tensile Modulus	ASTM D 882
607	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and sheet	Visual Apprearance	IS 2508

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 36 of 59

Validity 11/02/2022 to 10/02/2024 **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
608	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and sheets	Elongation at break	IS 2508
609	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Nominal Thickness	IS 2508
610	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Odour	IS 2508
611	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Puncture Resistance	IS 2508
612	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and sheets	Tensile Strengh	IS 2508
613	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Width	IS 2508
614	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Flexible Pouches for the packaging of Natural Mineral Water & Packed drinking Water	Film Form & Winding of film	IS 15609
615	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Flexible Pouches for the packaging of Natural Mineral Water & Packed drinking Water	Water Potability Test	IS 15609
616	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Flexible Pouches for the packaging of Natural Mineral Water & Packed drinking Water	Dart Impact	IS 15609
617	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Flexible Pouches for the packaging of Natural Mineral Water & Packed drinking Water	Drop Test	IS 15609
618	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Flexible Pouches for the packaging of Natural Mineral Water & Packed drinking Water	Impact Resistance	IS 15609
619	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Flexible Pouches for the packaging of Natural Mineral Water & Packed drinking Water	Ink Adhesion Test	IS 15609
620	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Flexible Pouches for the packaging of Natural Mineral Water & Packed drinking Water	Odour	IS 15609
621	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Flexible Pouches for the packaging of Natural Mineral Water & Packed drinking Water	Product Resistance Test for Printed Pouches	IS 15609
622	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Flexible Pouches for the packaging of Natural Mineral Water & Packed drinking Water	Stack Load Test	IS 15609
623	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Flexible Pouches for the packaging of Natural Mineral Water & Packed drinking Water	Tensile Strength Lengthwise & Widthwise	IS 15609
624	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Flexible Pouches for the packaging of Natural Mineral Water & Packed drinking Water	Thickness	IS 15609
625	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Flexible Pouches for the packaging of Natural Mineral Water & Packed drinking Water	Vibration Leakage test	IS 15609
626	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Flexible Pouches for the packaging of Natural Mineral Water & Packed drinking Water	Visual Appearance	IS 15609

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 37 of 59

Validity 11/02/2022 to 10/02/2024 **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
627	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Flexible Pouches for the packaging of Natural Mineral Water & Packed drinking Water	Width	IS 15609
628	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture	Coefficient of friction	IS 17216
629	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture	Dimension Tolerance on thickness	IS 17216
630	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture	Elemendorf Tear Strength (Machine Direction & Transverse Direction)	IS 17216
631	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture	Elongation at break (Lengthwise & Crosswise)	IS 17216
632	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture	Film Form Colour Odour	IS 17216
633	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture	Impact Strength	IS 17216
634	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture	Opacity	IS 17216
635	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture	Tensile strength at break & Elongation after UV exposure (Lengthwise & widthwise)	IS 17216
636	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture	Tensile Strength at break (Lengthwise & Crosswise)	IS 17216
637	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture	Visual Appearance	IS 17216
638	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Irrigation Laterals	Dimensions (Outside Diameter & Wall Thickness)	IS 12786
639	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Irrigation Laterals	Elongation at break	IS 12786
640	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Irrigation Laterals	Hydraulic Characteristics	IS 12786 (Annexure-C)
641	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Irrigation Laterals	Tensile Strength	IS 12786
642	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Irrigation Laterals	Visual Appearance	IS 12786
643	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Colour of Pipe	IS 14885
644	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Density	IS 14885

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 38 of 59

Validity 11/02/2022 to 10/02/2024 **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
645	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Dimensions	IS 14885
646	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Effect of Gas constituents on the hydrostatic strength	IS 14885
647	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Elongation	IS 14885
648	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Finish & Max. out of square	IS 14885
649	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Hydraulic Charactics (Internal pressure creep rupture test for plain pipe & notched pipe)	IS 14885
650	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Length	IS 14885
651	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Melt Flow Rate	IS 14885
652	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	PE compound quality evaluation	IS 14885
653	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Resistance to weathering (Elongation, Hydraulic Characteristics, Thermal stability to oxidation)	IS 14885
654	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Squeeze off	IS 14885
655	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Tensile Strength	IS 14885
656	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Thickness	IS 14885
657	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipes for Hot & Cold Water Supplie	Colour of Pipe	IS 15450
658	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipes for Hot & Cold Water Supplie	Dimension of aluminum foil	IS 15450
659	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipes for Hot & Cold Water Supplie	Hydraulic Pressure Test	IS 15450
660	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipes for Hot & Cold Water Supplie	Minimum Burst Pressure	IS 15450
661	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipes for Hot & Cold Water Supplie	Minimum Elongation	IS 15450
662	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipes for Hot & Cold Water Supplie	Overall Migration	IS 15450

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 39 of 59

Validity 11/02/2022 to 10/02/2024 **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
663	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipes for Hot & Cold Water Supplie	Ultimate Tensile Strength	IS 15450
664	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipes for Hot & Cold Water Supplies	Thermal Stability (OIT)	IS 15450
665	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipes for Hot & Cold Water Supplies	Adhesion Test	IS 15450
666	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipes for Hot & Cold Water Supplies	Density	IS 15450
667	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipes for Hot & Cold Water Supplies	Dimensions of Pipe i) Nominal Pipe size ii) Nominal OD	IS 15450
668	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipes for Hot & Cold Water Supplies	Long Term Hydrostatic Test	IS 15450
669	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipes for Hot & Cold Water Supplies	Melt Flow Rate	IS 15450
670	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipes for Hot & Cold Water Supplies	Tensile Strength of Pipe	IS 15450
671	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipes for Hot & Cold Water Supplies	Visual Appearance	IS 15450
672	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipes for Hot & Cold Water Supplies	Wall Thickness	IS 15450
673	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Material & Products (Plastics & Rubber)	Charpy Impact Strength	ASTM D 6110
674	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Material & Products (Plastics & Rubber)	Compositional Analysis of polymers by TGA	ASTM E1131
675	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Material & Products (Plastics & Rubber)	Density	ASTM D 792
676	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Material & Products (Plastics & Rubber)	Flexural Strength & Modulus	ASTM D790
677	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Material & Products (Plastics & Rubber)	Heat Deflection Temperature	ASTM D648
678	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Material & Products (Plastics & Rubber)	Izod Impact Strength	ASTM D256
679	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Material & Products (Plastics & Rubber)	Rockwell Hardness	ASTM D 785
680	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Material & Products (Plastics & Rubber)	Shore Hardness (Shore A) (Shore D)	ASTM D 2240
681	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Material & Products (Plastics & Rubber)	Vicat Softening Point	ASTM D 1525

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 40 of 59

Validity 11/02/2022 to 10/02/2024 **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
682	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric material & Products (Plastic & Rubber)	Tensile Strength , Tensile Modulus & Elongation at break	ASTM D 638
683	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Materials and Products (Plastics & Rubber)	Compressive Strength of rigid plastics	ASTM D 695
684	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Flammability	ASTM D 635
685	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Co-Polymer Pipes for Hot and Cold Water Supplies	Density	IS 15801
686	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Co-Polymer Pipes for Hot and Cold Water Supplies	Dimensions	IS 15801
687	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Co-Polymer Pipes for Hot and Cold Water Supplies	Hydrostatic Test Acceptance Test Type Test	IS 15801
688	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Co-Polymer Pipes for Hot and Cold Water Supplies	Impact Strength	IS 15801
689	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Co-Polymer Pipes for Hot and Cold Water Supplies	Length	IS 15801
690	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Co-Polymer Pipes for Hot and Cold Water Supplies	Melt Flow Index	IS 15801
691	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Co-Polymer Pipes for Hot and Cold Water Supplies	Opacity	IS 15801
692	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Co-Polymer Pipes for Hot and Cold Water Supplies	Visual Appearance	IS 15801
693	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene-random copolymer pipes for hot and cold water supplies	Colour	IS 15801
694	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene-random copolymer pipes for hot and cold water supplies	Dimensions (MOD, OD and Thickness)	IS 15801
695	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene-random copolymer pipes for hot and cold water supplies	Fusion Compatablity test	IS 15801
696	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene-random copolymer pipes for hot and cold water supplies	Thermal Stability Test for 8760 hours	IS 15801
697	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geo membranes for Lining	Stability to UV radiation (Change in tensile strength)	IS 15909
698	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrance for Lining	Dimesions	IS 15909
699	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrance for Lining	Material Test, Colour & Surface Characteristic (Visual)	IS 15909
700	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrance for Lining	Peel Strength	IS 15909

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 41 of 59

Validity 11/02/2022 to 10/02/2024 **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
701	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrance for Lining	Specific Gravity	IS 15909
702	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrance for Lining	Thickness	IS 15909
703	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining	Elongation at break	IS 15909
704	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining	Hydrostatic Resistance	IS 15909
705	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining	Low Temperature crack resistance	IS 15909
706	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining	Peel Strength	IS 15909
707	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining	Puncture Resistance	IS 15909
708	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining	Puncture Resistance	IS 15909
709	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining	Resistance to soil Burial (change in tensile and elongation)	IS 15909
710	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining	Seam Strength	IS 15909
711	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining	Tear Strength	IS 15909
712	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining	Tear Strength	IS 15909
713	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining	Tensile Strength	IS 15909
714	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining - Specification	Behavior after storage in aqueous solution, Resistance to acid & alkali	IS 15909
715	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining - Specification	Dimension (Length & Width)	IS 15909
716	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining - Specification	Dimensional Stability Change of dimension after heating	IS 15909
717	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining - Specification	Elongation at break (Longitudinal & Transverse Director)	IS 15909
718	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining - Specification	Flammability Test	IS 15909

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 42 of 59

Validity 11/02/2022 to 10/02/2024 **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
719	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining - Specification	Height of Fall without perforation Cold crack resistance at low temperature Resistance to static puncturing	IS 15909
720	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining - Specification	Hydrostatic Resistance	IS 15909
721	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining - Specification	Peel Strength	IS 15909
722	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining - Specification	Puncture Resistance Behavior During perforation	IS 15909
723	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining - Specification	Resistance to soil burial UV exposure Test (Change in Tensile strength & Elongation at break after UV exposure test) (Change in Tensile strength & Elongation at break after Soil Burial test)	IS 15909
724	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining - Specification	Seam Strength	IS 15909
725	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining - Specification	Seam Strength Strength of welded seam Shear Resistance	IS 15909
726	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining - Specification	Tear Resistance (Machine Direction & Crosswise Direction)	IS 15909
727	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining - Specification	Tensile Strength (MD & TD)	IS 15909
728	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembranes for Lining - Specification	Thickness	IS 15909
729	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank	Layer of tank Inner layer of tank Outer layer of tank	IS 12701
730	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank	Man/hand hole of lid Carbon black dispersion	IS 12701
731	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank	Man/Hand hole of lid material of lid Provision of ribs on man hole lids	IS 12701
732	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank	Man/Hand hole of lid Type of lid and locking arrangement Lid being fit securely	IS 12701
733	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank	Minimum wall thickness of lid	IS 12701

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 43 of 59

Validity 11/02/2022 to 10/02/2024 **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
734	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank	Net Capacity/Gross Capacity	IS 12701
735	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank	Provision of flat area	IS 12701
736	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank	Tank Material Material of construction of tank	IS 12701
737	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank	Thickness of outer layer	IS 12701
738	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank	Wall thickness above the effective height	IS 12701
739	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank-Specification	Density	IS 12701
740	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank-Specification	Dimensions Overall Height/Effective Height, Overall Diameter, Rim Height Internal Diameter of man hole/hand hole	IS 12701
741	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank-Specification	Finish	IS 12701
742	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank-Specification	Flexural Modulus	IS 12701
743	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank-Specification	Melt Flow Rate	IS 12701
744	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank-Specification	Mold Parting line	IS 12701
745	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank-Specification	Resistance to Deformation	IS 12701
746	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank-Specification	Resistance to Impact	IS 12701
747	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank-Specification	Tensile Strength	IS 12701
748	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank-Specification	Top Load Resistance	IS 12701
749	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Molded Polyethylene Water Storage Tank-Specification	Weight of Tank	IS 12701
750	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	rotational moulded polyethylene water storage tanks	Finish	IS 12701
751	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	rotational moulded polyethylene water storage tanks	Resistance to deformation	IS 12701

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 44 of 59

Validity 11/02/2022 to 10/02/2024 **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
752	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	rrigation Equipment - Sprinkler Pipes - Polyethylene Pipes	Fusion compatibility test	IS 14151 (Pt. 1)
753	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	rrigation Equipment - Sprinkler Pipes - Polyethylene Pipes	Elongation at break	IS 14151(Pt. 1
754	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Sanitary Napkins — Specification	Ability to withstand pressure after absorption	IS 5405
755	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Sanitary Napkins — Specification	Bacterial & fungal bioburden, Test for common skin pathogen, Good manufacturing practice guideline for hygiene requirements, Bio Compatibility evaluation, Biodegrade & compostability	IS 5405
756	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Sanitary Napkins — Specification	Hygiene testing requirement	IS 5405
757	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Sanitary Napkins — Specification	pH Value	IS 5405
758	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Sanitary Napkins — Specification	Size Manufacture Workmanship & Finish	IS 5405
759	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Sanitary Napkins — Specification	Type & shape	IS 5405
760	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Sprinkler Pipes (Pt.-1) -Polyethylene Pipe	Density	IS 14151 (Pt. 1)
761	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Sprinkler Pipes (Pt.-1) -Polyethylene Pipe	Density	IS 14151 (Pt.-1)
762	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Sprinkler Pipes (Pt.-1)- Polyethylene Pipe	Dimension of Pipe 'OD'	IS 14151 (Pt. 1
763	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Sprinkler Pipes (Pt.-1)- Polyethylene Pipe	Dimension of Pipe 'OD'	IS 14151 (Pt. 1)
764	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Sprinkler Pipes (Pt.-1)- Polyethylene Pipe	Melt Flow Rate	IS 14151 (Pt. 1)
765	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structural wall plastic piping system for non pressure drainage and sewerage pipes for foam core with s;liding	Creep Ratio	IS 16098 (Pt.1)
766	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structural wall plastic piping system for non pressure drainage and sewerage pipes for foam core with s;liding	Ring Flexibility	IS 16098(Pt. 1)
767	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structural wall plastic piping system for non pressure drainage and sewerage pipes for foam core with s;liding	Ring Stiffness	IS 16098 (Pt, 1)
768	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured Wall Plastics Piping 'Systems for Non-pressure drainage and sewerage pipes for foam core with Sliding	Dimension of sockets	IS 16098 (Pt. 1)

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 45 of 59

Validity 11/02/2022 to 10/02/2024 **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
769	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured Wall Plastics Piping 'Systems for Non-pressure drainage and sewerage pipes for foam core with Sliding	Dimension of sockets	IS 16098 (Pt.-1)
770	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured Wall Plastics Piping 'Systems for Non-pressure drainage and sewerage pipes for foam core with Sliding	Dimensions	IS 16098(Pt.1)
771	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured Wall Plastics Piping 'Systems for Non-pressure drainage and sewerage pipes for foam core with Sliding	Length	IS 16098 (Pt. 1)
772	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured Wall Plastics Piping 'Systems for Non-pressure drainage and sewerage pipes for foam core with Sliding	Longitudinal Reversion	IS 16098 (Pt. 1)
773	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured Wall Plastics Piping 'Systems for Non-pressure drainage and sewerage pipes for foam core with Sliding	Material Characteristic fo pipe for 1000 hrs.	IS 16098 (Pt. 1
774	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured Wall Plastics Piping 'Systems for Non-pressure drainage and sewerage pipes for foam core with Sliding	Vicat Softeing point	IS 16098 (Pt.1)
775	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B	Creep Ratio	IS 16098 (Pt.-2)
776	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B	Resistance to combined temperature cycling and external loading	IS 16098 (Pt.2)
777	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B	Thermal Stability (OIT)	IS 16098 (Pt.2)
778	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B	Tightness of elastomeric ring seal joint	IS 16098 (Pt.2)
779	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B	Water Tightness	IS 16098(Pt.2)
780	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B	Appearance Colour of the finished pipe	IS 16098 (Pt.2)
781	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B	Appearance & Colour	IS 16098 (Pt.1)
782	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B	Dimension of PIpe	IS 16098 (Pt.2)
783	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B	Impact Strength	IS 16098 (Pt.2)

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 46 of 59

Validity 11/02/2022 to 10/02/2024 **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
784	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B	Physical characteristics of fittings	IS 16098 (Pt.1)
785	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B	Resistance to Heating Oven test	IS 16098 (Pt.2)
786	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B	Ring Flexibility	IS 16098 (Pt.-2)
787	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B	Ring Stiffness	IS 16098 (Pt.2)
788	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B	Type Test & Acceptance Test	IS 16098 (Pt.-2)
789	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Sturctured wall plastics piping systems for non pressure drainage and seweage pipes for foam core with sliding	Elastomeric Sealing rings Performance Requirements	IS 16098 (Pt.1)
790	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Sturctured wall plastics piping systems for non pressure drainage and seweage pipes for foam core with sliding	Mechanical Characteristics of the fittings (Impact Strength)	IS 16098 (Pt.1)
791	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Sturctured wall plastics piping systems for non pressure drainage and seweage pipes for foam core with sliding	Resistance to combined temp. cycling and external loading	IS 16098 (Pt. 1)
792	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Sturctured wall plastics piping systems for non pressure drainage and seweage pipes for foam core with sliding	Resistance to heating	IS 16098 (Pt. 1)
793	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Sturctured wall plastics piping systems for non pressure drainage and seweage pipes for foam core with sliding	Resistance to internal pressure	IS 16098 (Pt. 1)
794	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Sturctured wall plastics piping systems for non pressure drainage and seweage pipes for foam core with sliding	Tightness of elastomeric sealing ring joints	IS 16098 (Pt. 1)
795	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Sturctured wall plastics piping systems for non pressure drainage and seweage pipes for foam core with sliding	Tightness of solvent cement joint (Internal vaccuum)	IS 16098 (Pt. 1)
796	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins made from HDPE Woven Fabric	Breaking strength test Before & after ageing Length & Width wise	IS 7903
797	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins made from HDPE Woven Fabric	% Elongation (Before & After ageing)	IS 7903
798	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins made from HDPE Woven Fabric	Breaking strength test Before & after exposure Length & Width wise	IS 7903
799	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins made from HDPE Woven Fabric	Coating Thickness	IS 7903

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 47 of 59

Validity 11/02/2022 to 10/02/2024 **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
800	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins made from HDPE Woven Fabric	Construction/Visual Appreance	IS 7903
801	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins made from HDPE Woven Fabric	Dimensions	IS 7903
802	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins made from HDPE Woven Fabric	HDPE Tape (Width of Tape)	IS 7903
803	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins made from HDPE Woven Fabric	Heat Shrinkage at 60 deg C	IS 7903
804	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins made from HDPE Woven Fabric	Heat Shrinkage at 95 deg C	IS 7903
805	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins made from HDPE Woven Fabric	Joints/Seem	IS 7903
806	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins made from HDPE Woven Fabric	Linear Density	IS 7903
807	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins made from HDPE Woven Fabric	Number of laminated layers	is 7903
808	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins made from HDPE Woven Fabric	Puncture Resistance	IS 7903
809	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins made from HDPE Woven Fabric	Sandwich Lamination	IS 7903
810	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins made from HDPE Woven Fabric	Tenacity	IS 7903
811	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins made from HDPE Woven Fabric	Welded seam Strength (Before & After ageing)	IS 7903
812	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins Made from High Density Polyethylene (HDPE) Woven Fabrics	Ageing Test	IS 7903
813	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins Made from High Density Polyethylene (HDPE) Woven Fabrics	Colour Fastness	IS 7903
814	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins Made from High Density Polyethylene (HDPE) Woven Fabrics	Eyelets	IS 7903
815	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins Made from High Density Polyethylene (HDPE) Woven Fabrics	Impact Failure Load	IS 7903
816	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins Made from High Density Polyethylene (HDPE) Woven Fabrics	Line/Cord Beading	IS 7903
817	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins Made from High Density Polyethylene (HDPE) Woven Fabrics	Mass of laminated fabric	IS 7903
818	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins Made from High Density Polyethylene (HDPE) Woven Fabrics	Number of HDPE layers	IS 7903

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 48 of 59

Validity 11/02/2022 to 10/02/2024 **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
819	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins Made from High Density Polyethylene (HDPE) Woven Fabrics	Number of laminated layers	IS 7903
820	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins Made from High Density Polyethylene (HDPE) Woven Fabrics	Tear Strength	IS 7903
821	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins Made from High Density Polyethylene (HDPE) Woven Fabrics	Total number of layers in finished tarpaulins	IS 7903
822	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins Made from High Density Polyethylene (HDPE) Woven Fabrics	UV stablity test	IS 7903
823	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tarpaulins Made from High Density Polyethylene (HDPE) Woven Fabrics	Water proofness test before and after ageing	IS 7903
824	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High density polyethylene (HDPE) monofilament mosquito netting, round mesh	Bursting Strength	IS 10054
825	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High density polyethylene (HDPE) monofilament mosquito netting, round mesh	Colour Fastness and washing	IS 10054
826	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High density polyethylene (HDPE) monofilament mosquito netting, round mesh	Construction and numbers of holes per square centimers	IS 10054
827	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High density polyethylene (HDPE) monofilament mosquito netting, round mesh	Density	IS 10054
828	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High density polyethylene (HDPE) monofilament mosquito netting, round mesh	Knitting	IS 10054
829	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High density polyethylene (HDPE) monofilament mosquito netting, round mesh	Length and Width	IS 10054
830	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High density polyethylene (HDPE) monofilament mosquito netting, round mesh	Melt Flow Index	IS 10054
831	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High Density Polyethylene (HDPE)/Polyethylene (PP) Woven Sack for Filling Sand	Average Breaking Strength of Bottom seam	IS 14252
832	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High Density Polyethylene (HDPE)/Polyethylene (PP) Woven Sack for Filling Sand	Average Breaking Strength of fabric after UV exposure (Lengthwise & Widthwise)	IS 14252
833	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High Density Polyethylene (HDPE)/Polyethylene (PP) Woven Sack for Filling Sand	Average Breaking Strength of fabric (Lengthwise & Widthwise)	IS 14252
834	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High Density Polyethylene (HDPE)/Polyethylene (PP) Woven Sack for Filling Sand	Dimension (Outside width and Length)	IS 14252
835	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High Density Polyethylene (HDPE)/Polyethylene (PP) Woven Sack for Filling Sand	Elongation at break of fabric	IS 14252
836	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High Density Polyethylene (HDPE)/Polyethylene (PP) Woven Sack for Filling Sand	Ends per dm and Picks per dm	IS 14252

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 49 of 59

Validity 11/02/2022 to 10/02/2024 **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
837	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High Density Polyethylene (HDPE)/Polyethylene (PP) Woven Sack for Filling Sand	Linear Density	IS 14252
838	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High Density Polyethylene (HDPE)/Polyethylene (PP) Woven Sack for Filling Sand	Mass of sack	IS 14252
839	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High Density Polyethylene (HDPE)/Polyethylene (PP) Woven Sack for Filling Sand	Seam, Visual	IS 14252
840	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High Density Polyethylene (HDPE)/Polyethylene (PP) Woven Sack for Filling Sand	Tying Cord	IS 14252
841	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High Density Polyethylene (HDPE)/Polyethylene (PP) Woven Sack for Filling Sand	UV Resistance Test	IS 14252
842	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High Density Polyethylene (HDPE)/Polyethylene (PP) Woven Sack for Filling Sand	Width of Tape	IS 14252
843	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - Polyester or Polyamide Mosquito Nets	Bursting strength	IS 14953
844	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - Polyester or Polyamide Mosquito Nets	Colour fastness to washing & Light	IS 14953
845	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - Polyester or Polyamide Mosquito Nets	Colour Joined Nets	IS 14953
846	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - Polyester or Polyamide Mosquito Nets	Dimensions of Mosquito net	IS 14953
847	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - Polyester or Polyamide Mosquito Nets	Elongation at break	IS 14953
848	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - Polyester or Polyamide Mosquito Nets	Flame Resistance	IS 14953
849	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - Polyester or Polyamide Mosquito Nets	Height of reinforcement	IS 14953
850	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - Polyester or Polyamide Mosquito Nets	Mass	IS 14953
851	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - Polyester or Polyamide Mosquito Nets	Netting (Denier) Mesh	IS 14953
852	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - Polyester or Polyamide Mosquito Nets	Number of holes along base plus bias	IS 14953
853	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - Polyester or Polyamide Mosquito Nets	Reinforcement at bottom	IS 14953
854	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - Polyester or Polyamide Mosquito Nets	Residual Shrinkage	IS 14953
855	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - Polyester or Polyamide Mosquito Nets	Stitching Tenacity	IS 14953

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 50 of 59

Validity 11/02/2022 to 10/02/2024 **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
856	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - Polyester or Polyamide Mosquito Nets	Tying Loops	IS 14953
857	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - Polyester or Polyamide Mosquito Nets	Width	IS 14953
858	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- Monoaxially oriented high density polyethylene tapes	Heat Shrinkage	IS 6192
859	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- Monoaxially oriented high density polyethylene tapes	Linear Density	IS 6192
860	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- Monoaxially oriented high density polyethylene tapes	Tenacity	IS 6192
861	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- Monoaxially oriented high density polyethylene tapes	Width of Tape Thickness of flat tape	IS 6192
862	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics fumigation covers	Ageing Test	IS 13217
863	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics fumigation covers	Blocking Test	IS 13217
864	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics fumigation covers	Breaking strength (Lengthwise and widthwise direction) Before & after ageing	IS 13217
865	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics fumigation covers	Bursting Strength (Before & After ageing)	IS 13217
866	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics fumigation covers	Construction of fumigation covers	IS 13217
867	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics fumigation covers	Flex Test (before and after ageing)	IS 13217
868	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics fumigation covers	Fumigation RetensionTest	IS 13217
869	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics fumigation covers	Loss of plasticizer	IS 13217
870	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics fumigation covers	Mass of the cover	IS 13217
871	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics fumigation covers	Strength of Joints	IS 13217
872	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics fumigation covers	Substance (GSM)	IS 13217
873	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics fumigation covers	Tensile strength before and after ageing (Lengthwise and widthwise)	IS 13217

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 51 of 59

Validity 11/02/2022 to 10/02/2024 **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
874	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics fumigation covers	Water Proofness test	IS 13217
875	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics fumigation covers	Workmanship	IS 13217
876	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Non-Pressure Polyvinyl Chloride (PVC -U) Pipes for use in Underground Drainage and Sewerage Systems	Appearance & Colour	IS 15328
877	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Non-Pressure Polyvinyl Chloride (PVC -U) Pipes for use in Underground Drainage and Sewerage Systems	Longitudinal Reversion	IS 15328
878	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Non-Pressure Polyvinyl Chloride (PVC -U) Pipes for use in Underground Drainage and Sewerage Systems	Ring Stiffness	IS 15328
879	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Non-Pressure Polyvinyl Chloride (PVC -U) Pipes for use in Underground Drainage and Sewerage Systems	Solvent Cement	IS 15328
880	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (UPVC) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System	Dimension of Waste Trap, a. Dia. Of rim bowl (Max.), b. Depth of bowl (Min.), c. Spigot Length (Min.) d. Spigot end O.D	IS 14735
881	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (UPVC) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System	Sealing Ring Hardness	IS 14735
882	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (UPVC) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System -	Chamfer	IS 14735
883	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (UPVC) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System -	Resistance to sulphuric Acid	IS 14735
884	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes For Potable Water Supplies Specification	Composition	IS 4985
885	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes For Potable Water Supplies Specification	Density	IS 4985
886	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes For Potable Water Supplies Specification	Dimension of socket	IS 4985
887	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes For Potable Water Supplies Specification	Dimensions (All)	IS 4985

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 52 of 59

Validity 11/02/2022 to 10/02/2024 **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
888	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes For Potable Water Supplies Specification	Effect on Water test	IS 4985
889	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes For Potable Water Supplies Specification	Mechanical Characteristics Hydrostatic Characteristics	IS 4985
890	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes For Potable Water Supplies Specification	Opacity	IS 4985
891	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes For Potable Water Supplies Specification	Physical & Chemical Characteristics	IS 4985
892	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes For Potable Water Supplies Specification	Pipe Ends	IS 4985
893	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes For Potable Water Supplies Specification	Resistance to external blows	IS 4985
894	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes For Potable Water Supplies Specification	Reversion	IS 4985
895	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes For Potable Water Supplies Specification	Sealing Ring	IS 4985
896	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes For Potable Water Supplies Specification	Sulphated Ash Content	IS 4985
897	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes For Potable Water Supplies Specification	Vicat Softening Temperature	IS 4985
898	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes For Potable Water Supplies Specification	Visual Appearance	IS 4985
899	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulding fitting for Soil and waste Discharge System for inside and outside building including ventilation and rain water system	Dimensions of access opening	IS 14735
900	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulding fitting for Soil and waste Discharge System for inside and outside building including ventilation and rain water system	Socket & Spigot Configurations	IS 14735
901	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulding fitting for Soil and waste Discharge System for inside and outside building including ventilation and rain water system	Dimension of vent cowl	IS 14735
902	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulding fitting for Soil and waste Discharge System for inside and outside building including ventilation and rain water system	Dimensions of pipe clip	IS 14735
903	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulding fitting for Soil and waste Discharge System for inside and outside building including ventilation and rain water system	Colour of fittings	IS 14735
904	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulding fitting for Soil and waste Discharge System for inside and outside building including ventilation and rain water system	Design Requirements	IS 14735

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 53 of 59

Validity 11/02/2022 to 10/02/2024 **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
905	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulding fitting for Soil and waste Discharge System for inside and outside building including ventilation and rain water system	Impact Test (Drop Test)	IS 14735
906	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulding fitting for Soil and waste Discharge System for inside and outside building including ventilation and rain water system	Socket and Spigot Dimensin for Solvent cement fittings 1) Socket depth 2) Mean ID of socket at mid point 3) Mean OD of spigot portion Socket and Spigot Dimension for Ring seal fittings 1) Mean OD at apigot portion 2) Mean ID of socket at mid point 3) Length of bending neck 4) Neck of socket 5) Length Beyond bending	IS 14735
907	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulding fitting for Soil and waste Discharge System for inside and outside building including ventilation and rain water system	Stress Relief Test	IS 14735
908	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulding fitting for Soil and waste Discharge System for inside and outside building including ventilation and rain water system	Vicat Softening Temperature	IS 14735
909	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulding fitting for Soil and waste Discharge System for inside and outside building including ventilation and rain water system	Visual Appearance	IS 14735
910	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulding fitting for Soil and waste Discharge System for inside and outside building including ventilation and rain water system	Wall thickness at plain end Wall Thickness at Socket	IS 14735:
911	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulding fitting for Soil and waste Discharge System for inside and outside building including ventilation and rain water system	Water Tightness of joints	IS 14735:
912	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulding fitting for Soil and waste Discharge System for inside and outside building including ventilation and rain water system	Workmanship	IS 14735
913	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Non-Pressure Pipes for use in underground drainage and Sewerage systems.	Dimensions of pipe & socket	IS 15328:
914	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Non-Pressure Pipes for use in underground drainage and Sewerage systems.	Elastomeric Sealing Ring Joints (Internal Hydrostatic Pressure, Internal Negative Hydrostatic Pressure)	IS 15328
915	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Non-Pressure Pipes for use in underground drainage and Sewerage systems.	Length of Pipe	IS 15328
916	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Non-Pressure Pipes for use in underground drainage and Sewerage systems.	Resistance to External Blows	IS 15328

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 54 of 59

Validity 11/02/2022 to 10/02/2024 **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
917	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Non-Pressure Pipes for use in underground drainage and Sewerage systems.	Resistance to Internal Hydrostatic Pressure	IS 15328
918	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Non-Pressure Pipes for use in underground drainage and Sewerage systems.	Vicat Softening Temperature	IS 15328
919	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Non-Pressure Pipes for use in underground drainage and Sewerage systems.	Wall Thickness	IS 15328
920	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for potable water supplies	Colour & Visual Appearance	IS 4985
921	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for potable water supplies	Density	IS 4985
922	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for potable water supplies	Dimension (All)	IS 4985
923	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for potable water supplies	Hydrostatic Characteristics (Acceptance & Type)	IS 4985
924	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for potable water supplies	Opacity	IS 4985
925	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for potable water supplies	Resistance to External blows at degree C	IS 4985
926	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Potable water supplies	Reversion	IS 4985
927	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for potable water supplies	VST	IS 4985
928	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Soil and Waste Discharge system inside building includig ventilation & Rain Water system	Effect on Sunlight	IS 13592
929	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Soil and Waste Discharge System inside building including ventilation & Rain Water system	Dimension - 'OD' & Ovality	IS 13592
930	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Soil and Waste Discharge System inside building including ventilation & Rain Water system	Reversion Test	IS 13592
931	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Soil and Waste Discharge System inside building including ventilation & Rain Water system	Socket Dimensions	IS 13592
932	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Soil and Waste Discharge System inside building including ventilation & Rain Water system	Stress Relief Test	IS 13592
933	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Soil and Waste Discharge System inside building including ventilation & Rain Water system	Tensile Strength after conditioning	IS 13592
934	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Soil and Waste Discharge System inside building including ventilation & Rain Water system	Thickness	IS 13592
935	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Soil and Waste Discharge System inside building including ventilation & Rain Water system	Vicat Softening Temp.	IS 13592

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 55 of 59

Validity 11/02/2022 to 10/02/2024 **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
936	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Soil and Waste Discharge System inside building including ventilation & Rain Water system.	Axial Shrinkage for Type B only	IS 13592
937	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Soil and Waste Discharge System inside building including ventilation & Rain Water system.	Colour Visual Appearance	IS 13592
938	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Soil and Waste Discharge System inside building including ventilation & Rain Water system.	Resistance to Sulphuric Acid	IS 13592
939	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Soil and Waste Discharge System inside building including ventilation & Rain Water system.	Water tightness of joint	IS 13592
940	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Soil and Waste Discharge system inside building including ventllation & Rain water system	Tensile Strength	IS 13592
941	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Soil and Waste Discharge System inside building incuding ventilation & Rain Water system.	Resistance to external blow	IS 13592
942	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Screen & casing pipes for bore and tubewell	Colour of pipe	IS 12818
943	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Screen & casing pipes for bore and tubewell	Density	IS 12818
944	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Screen & casing pipes for bore and tubewell	Hardness	IS 12818
945	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Screen & casing pipes for bore and tubewell	Resistance to external blow at 0 degree C	IS 12818
946	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Screen & casing pipes for bore and tubewell	Tensile Strength	IS 12818
947	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Screen & casing pipes for bore and tubewell	Threading of screen & casing pipe	IS 12818
948	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Screen & casing pipes for bore and tubewell	Visual Appearance	IS 12818
949	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Screen & casing pipes for bore and tubewell	VST	IS 12818
950	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Screen & Casing Pipes for Bore/Tube Well	Dimensions (OD)	IS 12818
951	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Screen and Casing Pipes for Bore/Tubewell	Dimension	IS 12818
952	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Screen and Casing Pipes for Bore/Tubewell	Dimensions of the socket	IS 12818
953	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Single Wall Corrugated Pipes for Drainage	Bending Test	IS 9271
954	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Single Wall Corrugated Pipes for Drainage	Colour of pipe	IS 9271

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 56 of 59

Validity 11/02/2022 to 10/02/2024 **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
955	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Single Wall Corrugated Pipes for Drainage	Density	IS 9271
956	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Single Wall Corrugated Pipes for Drainage	Dimensions	IS 9271
957	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Single Wall Corrugated Pipes for Drainage	Elongation	IS 9271
958	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Single Wall Corrugated Pipes for Drainage	Height of corrugation	IS 9271
959	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Single Wall Corrugated Pipes for Drainage	Impact Strength	IS 9271
960	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Single Wall Corrugated Pipes for Drainage	Perforation requirements	IS 9271
961	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Single Wall Corrugated Pipes for Drainage	Pipe Stiffness at 5% deflection at 10% deflection	IS 9271
962	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Single Wall Corrugated Pipes for Drainage	Strength of Joints	IS 9271
963	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Single Wall Corrugated Pipes for Drainage	Visual Appearance, Workmanship & Finish	IS 9271
964	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Single Wall Corrugated Pipes for Drainage	Water Inlet area, Perforation width, perforation Length ,	IS 9271
965	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Disposable Surgical Rubber Gloves	Air tight test	IS 13422
966	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Disposable surgical rubber gloves	Dimension	IS 13422
967	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Disposable Surgical Rubber Gloves	Elongation at break before accelerated ageing	IS 13422
968	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Disposable Surgical Rubber Gloves	Elongation at break after accelerated ageing	IS 13422
969	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Disposable Surgical Rubber Gloves	Tensile strength after accelerated ageing	IS 13422
970	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Disposable Surgical Rubber Gloves	Tensile Strength before accelerated ageing	IS 13422
971	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Disposable Surgical Rubber Gloves	Thickness	IS 13422
972	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Single-use rubber examination gloves	Dimensions	IS 15354 (Part.1)-2018/ISO 11193 (Part-1)
973	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Single-use Rubber examination gloves	Elongation at break after accelerated ageing	IS 15354 (Part.1)-2018/ISO 11193 (Part-1)

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 57 of 59

Validity 11/02/2022 to 10/02/2024 **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
974	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Single-use Rubber examination gloves	Elongation at break before accelerated ageing	IS 15354 (Part.1)-2018/ISO 11193 (Part-1)
975	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Single-use Rubber examination gloves	Force at break after accelerated ageing	IS 15354 (Part.1)-2018/ISO 11193 (Part-1)
976	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Single-use Rubber examination gloves	Force at break before accelerated ageing	IS 15354 (Part.1)-2018/ISO 11193 (Part-1)
977	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Single-use Rubber examination gloves	Water Tightness	IS 15354 (Part.1)-2018/ISO 11193 (Part-1)
978	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Surgical Rubber gloves	Dimensions	IS 4148
979	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Surgical Rubber Gloves	Elongation at break after accelareted ageing	IS 4148
980	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Surgical Rubber Gloves	Elongation at break after Autoclaving	IS 4148
981	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Surgical Rubber Gloves	Elongation at break before accelerated ageing	IS 4148
982	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Surgical Rubber Gloves	Tensile strength after Accelareted ageing	IS 4148
983	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Surgical Rubber Gloves	Tensile Strength after Autoclaving	IS 4148
984	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Surgical Rubber Gloves	Tensile Strength before accelerated ageing	IS 4148
985	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Surgical Rubber Gloves	Tensile strength before autoclaving	IS 4148
986	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Surgical Rubber Gloves	Tension set	IS 4148
987	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Surgical Rubber Gloves	Thickness	IS 4148
988	MECHANICAL- TEXTILE MATERIALS	Coverall	Mass	ASTM D 751 Section10
989	MECHANICAL- TEXTILE MATERIALS	Textiles - Jute sacking - General requirements	Average Breaking Strength (Warp & Weft)	IS: 9113
990	MECHANICAL- TEXTILE MATERIALS	Textiles - Jute sacking - General requirements	Bag Construction Fabric per bag- hemmed bag, Selvedge bag	IS 9113
991	MECHANICAL- TEXTILE MATERIALS	Textiles - Jute sacking - General requirements	Ends per dm Picks per dm	IS 9113

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5955 **Page No** 58 of 59

Validity 11/02/2022 to 10/02/2024 **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
992	MECHANICAL- TEXTILE MATERIALS	Textiles - Jute sacking - General requirements	Fabric Construction and Defects	IS 9113
993	MECHANICAL- TEXTILE MATERIALS	Textiles - Jute sacking - General requirements	Hemming	IS 9113
994	MECHANICAL- TEXTILE MATERIALS	Textiles - Jute sacking - General requirements	Length and Width	IS 9113
995	MECHANICAL- TEXTILE MATERIALS	Textiles - Jute sacking - General requirements	Moisture Regain	IS 9113
996	MECHANICAL- TEXTILE MATERIALS	Textiles - Jute sacking - General requirements	Nominal Mass of bag	IS 9113
997	MECHANICAL- TEXTILE MATERIALS	Textiles - Jute sacking - General requirements	Number of Ends & Picks per unit length	IS 9113
998	MECHANICAL- TEXTILE MATERIALS	Textiles - Jute sacking - General requirements	Number of Joined bags per bundle and bags per bale	IS 9113
999	MECHANICAL- TEXTILE MATERIALS	Textiles - Jute sacking - General requirements	Oil Content	IS 9113
1000	MECHANICAL- TEXTILE MATERIALS	Textiles - Jute sacking - General requirements	Other Requirements- Weave, dimensions, number of end and picks per unit length, mass, warp and weft breaking strength, seam(warp and/or weft) breaking strength	IS 9113
1001	MECHANICAL- TEXTILE MATERIALS	Textiles - Jute sacking - General requirements	Stitching Seam	IS 9113
1002	MECHANICAL- TEXTILE MATERIALS	Textiles — Jute Bags for Packing 50 kg Foodgrains	Average Breaking strength of sacking (Warp & Weft)	IS 12650
1003	MECHANICAL- TEXTILE MATERIALS	Textiles — Jute Bags for Packing 50 kg Foodgrains	Average Side Seam Strength	IS 12650
1004	MECHANICAL- TEXTILE MATERIALS	Textiles — Jute Bags for Packing 50 kg Foodgrains	Corrected Mass per bag	IS 12650
1005	MECHANICAL- TEXTILE MATERIALS	Textiles — Jute Bags for Packing 50 kg Foodgrains	Dimensions- Outside length and outside Width	IS 12650
1006	MECHANICAL- TEXTILE MATERIALS	Textiles — Jute Bags for Packing 50 kg Foodgrains	Ends per dm Picks per dm	IS 12650
1007	MECHANICAL- TEXTILE MATERIALS	Textiles — Jute Bags for Packing 50 kg Foodgrains	Visual, Hemming at the mouth, Freedom from defects, Seam, Safety Stitch	IS 12650

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5955	**Page No**	59 of 59
Validity	11/02/2022 to 10/02/2024	**Last Amended on**	-

specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.