

**CHANGES IN STANDARD TEST CHARGES**

<b>SL. NO.</b>	<b>DESCRIPTION</b>	<b>2016 (Existing Charges ₹)</b>	<b>2023 (Proposed Charges ₹)</b>
<b>01</b>	Press Punching ( through Punch Die )	250	500
<b>02</b>	Foam Cutting (Flexible & Rigid) (up to 5 Nos.)	250	500
<b>03</b>	Mesh	250	500
<b>04</b>	Dimension (Length, width, thickness / Mass / Capacity, volume, GSM for each)	250	500
<b>05</b>	Mandrel Test	350	500
<b>06</b>	Odour Test	250	500
<b>07</b>	Hardness Test a. Barcol b. Shore A & D c. Rockwell	375 375 375	500 500 500
<b>08</b>	Tensile Strength, Load & Elongation (at room temp.)	1,100	1,300
<b>09</b>	Density / Specific Gravity/ Bulk Density	500	700
<b>10</b>	Opacity Test	575	700
<b>11</b>	Ash, filler and glass content	950	1,200
<b>12</b>	Denier for tape /fibre / GSM	250	500

**LIST OF ISSs/PRODUCTS FOR WHICH NEW TESTS ADDED**  
**DUE TO REAFFIRMATION**

SL. NO	STANDARD	DESCRIPTION	2016 Existing Charges ₹	2023 Proposed Charges ₹
1 & 2	IS 2508	Low Density Polyethylene Films (Black Film) Type I & II	10,425	17,525
		Low Density Polyethylene Films (Black Film) Type III & IV		10,875
3	IS 3462	PVC Tiles	19,800	17,750
4	IS 4984	Polyethylene Pipes for water supply	13,575	42,325
5	IS 4984	HDPE (Raw Material Black Colour)	3,250	4,650
6	IS 7328	HDPE Material for Moulding & Extrusion	3,850	4,650
7	IS 4985	UPVC Pipe (Elastomeric Sealing ring socket)	26,825	30,925
8		UPVC Pipe (Plain/ Socketed End)	20,975	25,075
9		UPVC Pipe (Plumbing) For Potable Water Supply	9,975	14,075
10	IS 6192	Mono-axially Oriented High Density Polyethylene Tapes	4,600	24,000
11	IS 8008	Injection Moulded/Machined Polyethylene Fittings for Water Supply – Part 1	9,375	23,225
		Injection Moulded/Machined Polyethylene Fittings for Water Supply – Part 2	9,625	
		Injection Moulded/Machined Polyethylene Fittings for Water Supply – Part 3	9,625	
		Injection Moulded/Machined Polyethylene Fittings for Water Supply – Part 4	9,875	

		Injection Moulded/Machined Polyethylene Fittings for Water Supply – Part 5	9,875	
		Injection Moulded/Machined Polyethylene Fittings for Water Supply – Part 6	9,875	
		Injection Moulded/Machined Polyethylene Fittings for Water Supply – Part 7	9,625	
		Injection Moulded/Machined Polyethylene Fittings for Water Supply – Part 8	9,875	
		Injection Moulded/Machined Polyethylene Fittings for Water Supply – Part 9	9,875	
<b>12</b>	IS 10124	Fabricated PVC-U Fittings for Potable Water Supplies Part 1	1,925	4,925
<b>13</b>		Fabricated PVC-U Fittings for Potable Water Supplies Part 2		
<b>14</b>		Fabricated PVC-U Fittings for Potable Water Supplies Part 3	1,925	4,925
<b>15</b>		Fabricated PVC-U Fittings for Potable Water Supplies Part 4	2,225	4,925
<b>16</b>		Fabricated PVC-U Fittings for Potable Water Supplies Part 5	1,925	4,925
<b>17</b>		Fabricated PVC-U Fittings for Potable Water Supplies Part 6	2,425	5,425
<b>18</b>		Fabricated PVC-U Fittings for Potable Water Supplies Part 7	2,225	4,925
<b>19</b>		Fabricated PVC-U Fittings for Potable Water Supplies Part 8	1,925	4,925
<b>20</b>		Fabricated PVC-U Fittings for Potable Water Supplies Part 9	1,925	4,925
<b>21</b>		Fabricated PVC-U Fittings for Potable Water Supplies Part 10	1,925	4,925
<b>22</b>		Fabricated PVC-U Fittings for Potable Water Supplies Part 11	1,925	4,925
<b>23</b>		Fabricated PVC-U Fittings for Potable Water Supplies Part 12	1,925	4,925
<b>24</b>		Fabricated PVC-U Fittings for Potable Water Supplies Part 13	1,925	4,925
<b>25</b>	IS 10151	Polyethylene for its Safe Use in Contact with Foodstuffs,	5,325	6,000

		Pharmaceuticals and Drinking Water		
<b>26</b>	IS 11197	Monoaxially Oriented Polypropylene Tapes	5,650	17,050
<b>27</b>	IS 11652	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 kg Cement	10,050	24,780
<b>28</b>	IS 12701	Rotational Moulded Polyethylene water storage tanks above 1500 litres	18,050	17,500
<b>29</b>	IS12701	Rotational Moulded Polyethylene water storage tanks upto 1500 litres	17,150	16,600
<b>30</b>	IS 12818	Unplasticized Polyvinyl Chloride (PVC-U) Plain Screen and Casing pipes for Bore/Tubewells	10,625	10,300
<b>31</b>		Unplasticized Polyvinyl Chloride (PVC-U) Ribbed Screen wall for Bore/Tubewells	10,125	10,050
<b>32</b>	IS 13592	Unplasticized Polyvinyl Chloride (PVC-U) Pipes for Soil and Waste Discharge System Inside and Outside Buildings Including Ventilation and Rainwater System- Type A	16,000	19,000
<b>33</b>		Unplasticized Polyvinyl Chloride (PVC-U) Pipes for Soil and Waste Discharge System Inside and Outside Buildings Including Ventilation and Rainwater System- Type B	16,500	19,500
<b>34</b>	IS 14333	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	11,475	39,825
<b>35</b>		Polyethylene resin as Granules	3,850	5,825
<b>36</b>		Carbon black Master Batch		1,875
<b>37</b>		Carbon black powder		5,100
<b>38</b>	IS 14611	Multi-layered cross laminated sheets and tarpaulins/covers	53,125	38,205

		(Light/Medium/Heavy duty Types)		
39	IS 14885	Polyethylene Pipes for the supply of Gaseous Fuels-Specification (upto 63 mm)	58,125	4,66,750
40		Polyethylene Pipes for the supply of Gaseous Fuels-Specification (above 63 mm)	72,775	4,66,750
41	IS 15328	Non-Pressure PVC-U pipes for Use in Underground Drainage and Sewerage systems (Plain ended/ Grooved Socket/ Solvent Cement joint)	19,700	22,700
42	IS 4572	Fibre Ropes-Polyamide-3-, 4-, 8- and 12- Strand Ropes	5,500	7,250
43	IS 5175	Fibre Ropes-Polypropylene Split Film, Monofilament and Multifilament (PP2) and Polypropylene High- Tenacity Multifilament (PP3) 3, 4, 8 and 12 Strand Ropes	6,300	7,250
44	IS 7903	Textiles - Tarpaulins Made From High Density Polyethylene Woven Fabric	56,625	75,625
45	IS 9271	Unplasticized Polyvinyl Chloride (UPVC) Single Wall Corrugated Pipes for Drainage	7,400	10,400
46	IS 9755	Textiles - High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packing 45Kg/ 50 Kg Fertilizer bag	24,080	35,980
47	IS 15265	Flexible PVC Pipes or Polymer Reinforced Thermoplastic Hoses for Suction and Delivery lines of Agricultural Pumps	29,475	32,475
48	IS 15450	Polyethylene-Aluminium-Polyethylene Composite Pressure Pipes For Hot And Cold Water Supplies — Specification	21,050	41,200
49	IS 15909	PVC Geomembranes for Lining – Category A	49,250	50,070
50		PVC Geomembranes for Lining – Category B	49,250	40,050

<b>51</b>	IS 16008	Agro Textiles - Shade Nets for Agriculture and Horticulture Purposes - Specification Part 1 Shade Nets Made from Tape Yarns (First Revision)	20,960	41,760
<b>52</b>		Agro Textiles - Shade Nets for Agriculture and Horticulture Purposes - Specification Part 2 Shade Nets Made from Mono Filament Yarns (First Revision)	20,960	41,760
<b>53</b>	IS 16098 Part 1 Type A	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 1 Pipes and Fittings With Smooth External Surface, Type A	52,050	55,550
<b>54</b>	IS 16098 Part 1 Type B	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 1 With Smooth External Surface, Type B	52,050	55,050
<b>55</b>	ISO 4427 Part 1	Characteristics of PE compound as granules		9,350
<b>56</b>	ISO 4427 Part 1	Characteristics of PE compound in pipe form		28,200
<b>57</b>	ISO 4427 Part 2	Polyethylene pipes and fittings for water supply		33,000
<b>58</b>	IS 17730	Hail Protection Nets for Agriculture and Horticulture purposes- Specification Part 1: Warp Knitted Hail Protection Nets		46,510
<b>59</b>	IS 17730	Hail Protection Nets for Agriculture and Horticulture purposes- Specification Part 2: Woven Hail Protection Nets		45,210
<b>60</b>	IS 17546	Chlorinated Polyvinyl Chloride (CPVC) Fittings For Potable Hot And Cold Water Distribution Supplies		1,63,225
<b>61</b>	IS 17729	Agro-Textiles Flexible Water Storage Tank for Agriculture and Horticulture Purposes Specification		53,280
<b>62</b>	IS 14597	Synthetic tarpaulins (Heavy duty protective covers) made from coated nylon or polyester fabrics		75,750

<b>63</b>	IS 15477	Adhesives for use with Ceramic Tiles and Mosaics		21,650
<b>64</b>	IS 16352	Geo synthetics — High Density Polyethylene (HDPE) Geo membranes for Lining		96,560
<b>65</b>	IS 17358	Agro Textiles-Fencing Nets for Agriculture and Horticulture Purposes-Specification - Part 1 Fencing Nets Made from Extruded Polymer Mesh		41,760
<b>66</b>	IS 17358	Agro Textiles-Fencing Nets for Agriculture and Horticulture Purposes-Specification - Part -2 : Fencing Nets Made from Mono Filament Yarns and Combination of Tape and Mono Filament Yarns		42,710
<b>67</b>	IS 16653	Standards / Test methods: Geosynthetics — Needle Punched Nonwoven Geobags for Coastal and Waterways Protection		1,25,275
<b>68</b>	IS 16653	Geosynthetics — Needle Punched Nonwoven Geobags for Coastal and Waterways Protection		1,25,275
<b>69</b>	IS 16654	Geosynthetics — Polypropylene multifilament woven geobag for Coastal and Waterways Protection		1,18,575
<b>70</b>	IS 17374	Geo-synthetics — Reinforced High-Density Polyethylene (HDPE) membranes for Effluents and Chemical Resistance Lining		1,45,635

**METAL PIPE TESTING NEWLY ADDED**

<b>SL. NO</b>	<b>STANDARD</b>	<b>DESCRIPTION</b>	<b>Test Charges ₹</b>	<b>Sample preparation / Conditioning ₹</b>
<b>01</b>	IS – 1239 Part 1 & 2 with 07 amendments	Steel Tubes, Tubular and other wrought steel fittings specification	9,150	1,500
<b>02</b>	IS:4270: 2001	Steel Tubes used for water wells specification	9,150	1,500
<b>03</b>	IS 8329: 2000	Centrifugally Cast (Spun) ductile iron Pressure Pipe for water, gas and sewage specification	5,950	2,000



## SARP – NEWLY ADDED TEST PARAMETERS

Sl. No	Properties	Test Charges (per sample) ₹	Specimen preparation charges ₹
1	Contact angle measurement	1,500	-
2	Pin on Disc	1,000 / hr	-
3	Pressure Volume Temperature (4 Isobaric cooling or 4 Isobaric heating)	30,000/-	-
4	Acrylic Bone Cement - Controlled Fatigue Test	2,500 / hr	-
5	Acrylic Bone Cement - Flexural Fatigue	2,500 / hr	-
6	Baloon Stents - Three Point bending test	1,100 / Batch	-
7	Bone Screw - Axial Pull Strength	1,100 / Batch	-
8	Bone Screw - Breaking Angle	1,100 / Batch	-
9	Bone Screw- Dimension	750	-
10	Bone Screw - Maximum Torque	1,100 / Batch	-
11	Bone Screw - Torsional Yield Strength	1,100 / Batch	-
12	Fiber Reinforced Composites Tension - Tension fatigue	2,500/hr @ Room temperature 2,600/hr @ Elevated temperature 3,000/hr @ Cryogenic conditions	
13	Medical Implants Cyclic Fatigue Testing for Knee Joints	2,500 / Hour	-
14	Rubber Cyclic fatigue	2,500/hr @ Room temperature 2,600/hr @ Elevated temperature 3,000/hr @ Cryogenic conditions	
15	Containers Vibration Test	3,000 / hr	-
16	Plastic Products / Components / Packages Vibration	3,000 / hr	-
17	Surface Profilometer (2D)	500	-
18	Surface Profilometer (3D)	750	-

19	Melt Compounding with Micro Compounder & Mini Injection Zet (upto 10 specimens)	-	2,500.00
20	Micro-compounder with micro injection molding machine	3,000 / batch	--
21	Impact testing at cryogenic condition	3,000	
22	Polarized Optical Microscope (At Room Temperature)	1,000	Rs. 500/-
	At high temperature	3,000	
	Fluorescent samples	1,500	
23	Particle size analyzer	2,000	-
24	Gas Chromatography–Mass Spectrometry (GC-MS)	6,000	-
25	FT-Raman Spectrometer	3,000	-
26	Field Emission Scanning Electron Microscope (FE-SEM) with EDS	5,000 per sample for FESEM	-
		3,000 per sample for Elemental Mapping	
27	Electrochemical Workstation	8,000per shift + Gas charges (Nitrogen/Oxygen/Argon)	-
28	Fusion Deposition Modelling (FDM) – 3D Printer	750per hr + material cost as per actuals	-
29	Vacuum Casting	500 per hr + material cost as per actuals	-
30	Hollow membrane set-up	3,000per hr + material cost as per actuals	-
31	Solar Simulator	2,000 / hr	-
32	Vibration Lab	2,000 / hr	-
33	Glove Box	3,000 / shift	-
34	Electrospinning	3,000 / batch	-

## **CHANGES IN TERMS & CONDITIONS**

The terms & Conditions were also updated and the mail sent to CIPET centers regarding changes in the MSME details as below:

- ❖ *“25% discount on test charges (excluding specimen preparation and conditioning) for the testing assignment above ₹. 5000/- to registered Micro Industries against the submission of a copy of the documentary evidence/certificate obtained from the issuing authority in-line to the revised notification (The Gazette of India: Ministry of Micro, Small and Medium Enterprises Notification dated 1st June, 2020, Revised Classification Applicable w.e.f. 1st July 2022) of MSME as the investment in plant & machinery/equipment as well as turnover for Micro Industries is lower than Small Industries”*

In line with the requirement of ISO/IEC – 17025:2017 modified as:

*The Govt. Officials & Private customers is allowed to witness the test as and when requisition is made well in advance at mutually agreed date on chargeable basis @ ₹. 3000 per person.*

## **SUMMARY OF THE MODIFICATION / CHANGES INCORPORATED**

1. The minimum test charges on the standard test charges was proposed to be modified as ₹. 500 based on comparing with the other competitors laboratory Test Charges.
2. 70 products which are regularly received at various CIPET centers for testing, the test charges have been updated based on reaffirmation / revision / updation of the standard (IS & ASTM).
3. The user charges except few (Tensile strength, Hardness, Density, Ash content, GSM) not increased, as the CIPET charges are already on the higher side on comparison with private NABL Accredited labs.
4. 3 nos. of Metal pipe testing are newly added.
5. Test Charges for 34 new test parameters for SARP are added
6. The terms & Conditions were also updated regarding changes in the MSME details as below :

*“25% discount on test charges (excluding specimen preparation and conditioning) for the testing assignment above ₹. 5000/- to registered Micro Industries against the submission of a copy of the documentary evidence/certificate obtained from the issuing authority in-line to the revised notification (The Gazette of India: Ministry of Micro, Small and Medium Enterprises Notification*

*dated 1st June, 2020, Revised Classification Applicable w.e.f. 1st July 2022) of MSME as the investment in plant & machinery/equipment as well as turnover for Micro Industries is lower than Small Industries”*

7. No standard Test charged / Product test charges were deleted from the existing user manual 2016.
8. Earlier three different user manuals were kept for the references, it was proposed by the members to bring all in one and finalized as one manual including the metal pipes, PPE Kits, R & D, Calibrations and other updated test charges all in one.
9. Machine Hour Rate (MHR) for 4 nos. for Processing and 8 nos. for Tool room Machineries are newly added.
10. In line with the requirement of ISO/IEC – 17025:2017 Modified as:  
The Govt. Officials & Private customers is allowed to witness the test as and when requisition is made well in advance at mutually agreed date on chargeable basis