

BUREAU OF INDIAN STANDARDS

Program of Work

CED 50 : Plastic Piping System

Scope: STANDARDIZATION OF PIPES, FITTINGS AND AUXILIARIES INTENDED FOR THE TRANSPORT OF FLUIDS AND FOR CABLE DUCTING MADE FROM ALL TYPES OF PLASTIC MATERIALS INCLUDING REINFORCED PLASTICS METAL FITTINGS AND RUBBER GASKETS USED WITH PLASTIC PIPES. THE SCOPE FURTHER COVERS STANDARDIZATION FOR DIMENSIONS AND THEIR TOLERANCES, REQUIREMENTS AND TEST METHODS FOR CHEMICAL, MECHANICAL AND PHYSICAL PROPERTIES AS RELEVANT TO PARTICULAR APPLICATION AND CODES OF PRACTICES FOR LAYING AND INSTALLATION

Liaison: **ISO TC-138 (O):** *Plastics pipes, fittings and valves for the transport of fluids* **ISO TC-138 SC-1 (O):** *Plastics pipes and fittings for soil, waste and drainage (including land drainage)* **ISO TC-138 SC-2 (O):** *Plastics pipes and fittings for water supplies* **ISO TC-138 SC-3 (O):** *Plastics pipes and fittings for industrial applications* **ISO TC-138 SC-4 (O):** *Plastics pipes and fittings for the supply of gaseous fuels* **ISO TC-138 SC-5 (O):** *General properties of pipes, fittings and valves of plastic materials and their accessories -- Test methods and basic specifications* **ISO TC-138 SC-6 (O):** *Reinforced plastics pipes and fittings for all applications* **ISO TC-138 SC-7 (O):** *Valves and auxiliary equipment of plastics materials* **ISO TC-138 (O):** *Plastics pipes, fittings and valves for the transport of fluids* **ISO TC-138 SC-1 (O):** *Plastics pipes and fittings for soil, waste and drainage (including land drainage)* **ISO TC-138 SC-2 (O):** *Plastics pipes and fittings for water supplies* **ISO TC-138 SC-3 (O):** *Plastics pipes and fittings for industrial applications* **ISO TC-138 SC-4 (O):** *Plastics pipes and fittings for the supply of gaseous fuels* **ISO TC-138 SC-5 (O):** *General properties of pipes, fittings and valves of plastic materials and their accessories -- Test methods and basic specifications* **ISO TC-138 SC-6 (O):** *Reinforced plastics pipes and fittings for all applications* **ISO TC-138 SC-7 (O):** *Valves and auxiliary equipment of plastics materials*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10124 (Part 1):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification: Part 1 General Requirements (Second Revision)	April, 2024	2	Not Equivalent
2	IS 10124 (Part 10):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification: Part 10 Specific Requirements for 45 Degree Bends (Second Revision)	April, 2024	-	Not Equivalent
3	IS 10124 (Part 11):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification: Part 11 Specific Requirements for 30 Degree Bends	April, 2024	-	Not Equivalent

		(Second Revision)			
4	IS 10124 (Part 12):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification: Part 12 Specific Requirements for 22½ Degree Bends (Second Revision)	April, 2024	-	Not Equivalent
5	IS 10124 (Part 13):2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification Part 13 Specific Requirements for 11¼ Bends PART 12 SPECIFIC REQUIREMENTS FOR 22 ½ BENDS	April, 2024	-	
6	IS 10124 (Part 2):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification: Part 2 Specific Requirements for Sockets (Second Revision)	April, 2024	-	Not Equivalent
7	IS 10124 (Part 3):2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification: Part 3 Specific Requirements for Straight Reducers (Second Revision)	April, 2024	-	
8	IS 10124 (Part 4):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification: Part 4 Specific Requirements for Caps (Second Revision)	April, 2024	-	Not Equivalent
9	IS 10124 (Part 5):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification: Part 5 Specific Requirements for Equal Tees (Second Revision)	April, 2024	-	Not Equivalent
10	IS 10124 (Part 6):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification: Part 6 Specific Requirements for Flanged Tail Pieces with Metallic Flanges (Second Revision)	April, 2024	-	Not Equivalent
11	IS 10124 (Part 7):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification: Part 7 Specific Requirements for Threaded Adaptors (Second Revision)	April, 2024	-	Not Equivalent
12	IS 10124 (Part 8):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification: Part 8 Specific Requirements for 90 Degree Bends (Second Revision)	April, 2024	-	Not Equivalent
13	IS 10124 (Part 9):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification: Part 9 Specific Requirements for 60 Degree Bends (Second Revision)	April, 2024	-	Not Equivalent
14	IS 12231:1987	Specification for Unplasticized PVC Pipes for Use in Suction and Delivery Lines of Agricultural Pump Sets	May, 2023	1	
15	IS 12235 (Part	Thermoplastics Pipes and Fittings -	April, 2024	-	

	119):2004	Methods of Test (First Revision)			
16	IS 12709:1994 ISO 10649:2017	Glass-Fibre Reinforced Plastics (GRP) Pipes, Joints and Fittings for Use for Potable Water Supply - Specification (First Revision)	April, 2024	5	Not Equivalent
17	IS 12818:2010	Unplasticized Polyvinyl Chloride (PVC-U) Screen and Casing Pipes for Bore/Tubewells - Specification (Second Revision)	March, 2021	3	Indigenous
18	IS 13592:2013	Unplasticized Polyvinyl Chloride (PVC-U) Pipes for Soil and Waste Discharge System Inside and Outside Buildings Including Ventilation and Rain Water System - Specification (First Revision)	May, 2023	2	
19	IS 13593:1992	UPVC Pipe Fittings for Use with the UPVC Pipes in the Suction and Delivery Lines of Agricultural Pumps -Specification	June, 2022	1	
20	IS 13916:1994	Installation of Glassfibre Reinforced Plastic (GRP) Piping System - Code Of Practice	April, 2024	-	
21	IS 14333:2022 ISO 8772	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent - Specification (First Revision)		-	Not Equivalent
22	IS 14402:1996 ISO 10467:2018	Glass Fibre Reinforced Plastics (GRP) Pipes, Joints and Fittings for Use for Sewerage, Industrial Waste and Water (Other than Potable) - Specification	January, 2022	2	Not Equivalent
23	IS 14735:1999	Unplasticized Polyvinyl Chloride (UPVC) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System - Specification	April, 2024	5	
24	IS 14787:2000	Unplasticized PVC Pipes (Ducts) and Fittings for Underground Telecommunications Cable Installation - Specification	March, 2020	1	Indigenous
25	IS 14885:2022 ISO 4437-1 and 2	Polyethylene Pipes for the Supply of Gaseous Fuels - Specification (First Revision)		-	Not Equivalent
26	IS 15265:2003	Flexible PVC Pipes or Polymer Reinforced Thermoplastic Hoses for Suction and Delivery Lines of Agricultural Pumps - Specification	May, 2023	2	Indigenous
27	IS 15328:2003	Unplasticized Non-Pressure Polyvinyl Chloride (PVC-U) Pipes for Use in Underground Drainage and Sewerage Systems - Specification	May, 2023	7	
28	IS 15450:2022 ISO 21003-1 and 2	Polyethylene-Aluminium-Polyethylene Composite Pressure Pipes for Hot and Cold Water Supplies -Specifications (First		-	Not Equivalent

		Revision)			
29	IS 15778:2007 ISO 15877-1:2009 ISO 15877-2:2009	Chlorinated Polyvinyl Chloride (CPVC) Pipes for Potable Hot and Cold Water Distribution Supplies - Specification	June, 2022	5	Not Equivalent
30	IS 15801:2008 ISO 15874-1:2014 ISO 15874-2:2014	Polypropylene - Random Copolymer Pipes for Hot and Cold Water Supplies - Specification	June, 2022	1	Not Equivalent
31	IS 15927 (Part 2):2012 ISO 4447-1:2014 ISO 4447-4:2014	Polyethylene Fittings for Use with Polyethylene Pipes for the Supply of Gaseous Fuels - Specification: Part 2 Spigot Fittings for Butt Fusion for Socket Fusion Using Heated Tools and for Use with Electro Fusion Fittings	January, 2022	-	Not Equivalent
32	IS 15927 (Part 1):2012 ISO 4447-1:2014 ISO 4447-4:2014	Polyethylene Fittings for Use with Polyethylene Pipes for the Supply of Gaseous Fuels - Specification: Part 1 Fittings for Socket Fusion Using Heated Tools	January, 2022	-	Not Equivalent
33	IS 15927 (Part 3):2011	Polyethylene Fittings for Use with Polyethylene Pipes for the Supply of Gaseous Fuels - Specification: Part 3 Electro Fusion Fittings	March, 2021	-	
34	IS 16098 (Part 1):2013	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage - Specification: Part 1 Pipes and Fittings with Smooth External Surface, Type A	June, 2022	3	
35	IS 16098 (Part 2):2013	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage – Specification: Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B	June, 2022	3	
36	IS 16130:2014 ISO 12162 : 2009 ISO 12162 : 2009	Thermoplastics Materials for Pipes and Fittings for Pressure Applications - Classification, Designation and Design Coefficient	January, 2024	-	Identical under dual numbering
37	IS 16268:2017 ISO/TR 10358 : 1993 ISO/TR 10358 : 1993	Plastic Pipes and Fittings - Combined Chemical-Resistance Classification Table	March, 2022	-	Identical under dual numbering
38	IS 16462:2016 ISO 9080 : 2012 ISO 9080 : 2012	Plastic Piping and Ducting Systems - Determination of the Long-Term Hydrostatic Strength of Thermoplastics Materials in Pipe Form by Extrapolation	March, 2021	-	Identical under dual numbering
39	IS 16647:2017 ISO 16422:2014	Oriented Unplasticized Polyvinyl Chloride (PVC-O) Pipes for Water Supply - Specification	June, 2022	1	Modified/Technically Equivalent
40	IS 17544:2022 ISO 13623:2000(E)	Multilayer (PE-AL-PE) Plastic Piping Systems for Indoor Gas Installations with a Maximum Operating Pressure up to and Including 500 kPa (5 bar) -		-	Not Equivalent

		Specification			
41	IS 17546:2021 ISO 3514	Chlorinated Polyvinyl Chloride (C P V C) Fittings For Potable Hot And Cold Water Distribution Supplies â€™ Specification		-	Not Equivalent
42	IS 18166:2025	Unplasticized Polyvinyl Chloride PVC-U Threaded Column Pipes for Borewells/Tubewells - Specification		-	Indigenous
43	IS 4984:2016 ISO 4427-1:2007 ISO 4427-2:2019	Polyethylene Pipes for Water Supply - Specification (Fifth Revision)	July, 2021	2	Not Equivalent
44	IS 4985:2021 ISO 1452-1 and ISO 1	Unplasticized PVC Pipes for Potable Water Supplies - Specification (Fourth Revision)		-	Not Equivalent
45	SP 57:1993	Handbook on pipes and fittings for drinking water supply	March, 2016	-	Indigenous
46	IS 7634 (Part 1):1975	Code of Practice for Plastics Pipe Work for Potable Water Supplies: Part 1 Choice of Materials and General Recommendations	June, 2022	1	
47	IS 7634 (Part 3):2003	Plastics Pipe Selection, Handling, Storage and Installation for Potable Water Supplies - Code of Practice: Part 3 Laying and Jointing of UPVC Pipes (First Revision)	May, 2023	-	
48	IS 7634 (Part 2):2012	Plastics Pipes Selection, Handling, Storage and Installation for Potable Water Supplies - Code of Practice: Part 2 Laying and Jointing of Polyethylene (PE) Pipes (First Revision)	June, 2022	-	
49	IS 7834 (Part 1):1987	Specification for Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies: Part 1 General requirements (First Revision)	May, 2023	1	
50	IS 7834 (Part 2):1987	Specification for Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies: Part 2 Specific Requirements for 45 Degrees Elbows (First Revision)	May, 2023	-	
51	IS 7834 (Part 3):1987	Specification for Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies: Part 3 Specific Requirements for 90 Degree elbows (First revision)	May, 2023	-	
52	IS 7834 (Part 4):1987	Specification for Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies: Part 4 Specific Requirements for 90 Degree Tees (First Revision)	May, 2023	-	
53	IS 7834 (Part 5):1987	Specification for Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water	May, 2023	-	

		Supplies : Part 5 Specific Requirements for 45 degree Tees (First Revision)			
54	IS 7834 (Part 6):1987	Specification for Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies: Part 6 Specific Requirements for Sockets (First Revision)	May, 2023	-	
55	IS 7834 (Part 7):1987	Specification for Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies: Part 7 Specific Requirements for Unions (First Revision)	May, 2023	-	
56	IS 7834 (Part 8):1987	Specification for Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies: Part 8 Specific Requirements for Caps (First Revision)	May, 2023	-	
57	IS 8008:2022 ISO 4427-1 and 3	Injection Moulded/Machined Polyethylene Fittings for Water Supply - Specification (Second Revision)		-	Not Equivalent
58	IS 8360:2022 ISO 4427-1 and 3	Fabricated Polyethylene Fittings for Water Supply - Specification (First Revision)		-	Not Equivalent
59	IS 9271:2004	Unplasticized Polyvinyl Chloride (UPVC) Single Wall Corrugated Pipes for Drainage - Specification (First Revision)	April, 2024	3	Indigenous

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Finalized Draft Indian Standard

--	--	--

SI. No.	Doc No.	Title
1	CED 50 (19721)	Thermoplastics Pipes and Fittings Methods of Test Part 9 Resistance to External Blows Impact Resistance at 0 C Round-The-Clock Method First Revision
2	CED 50 (27107)	POLYPROPYLENE PP PLASTIC PIPING SYSTEMS FOR SOIL AND WASTE DISCHARGE LOW AND HIGH TEMPERATURE WITHIN THE BUILDING STRUCTURE Part 1 Single Layer Polypropylene PP Piping System
3	CED 50 (27507) Revision of: IS 7834:1987	Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies - Specification Second Revision
4	CED 50 (27610) Revision of: IS 15328:2003	Unplasticized Polyvinyl Chloride PVC-U Non-Pressure Pipes for Use in Underground Drainage and Sewerage Systems - Specification First Revision
5	CED 50 (28191)	Oriented Unplasticized Polyvinyl Chloride PVC-O Pipes for Water Supply - Specification Amendment - 2

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	CED 50 (07842)	PLASTIC PIPES AND FITTINGS - COMBINED CHEMICAL - RESISTANCE CLASSIFICATION TABLE
2	CED 50 (07841)	PLASTIC PIPING AND DUCTING SYSTEMS - DETERMINATION OF THE LONG-TERM HYDROSTATIC STRENGTH OF THERMOPLASTICS MATERIALS IN PIPE FORM BY EXTRAPOLATION
3	CED 50 (07915)	High density polyethylene pipes for potable water supplies
4	CED 50 (07948)	Polyethylene Pipes for the Supply of Gaseous Fuels - Amendment - 3
5	CED 50 (08066)	ORIENTED UNPLASTICIZED POLYVINYL CHLORIDE PVC-O PIPES FOR WATER SUPPLY SPECIFICATION
6	CED 50 (10251)	Unplasticized PVC Pipes for Potable Water Supplies - Amendment - 5
7	CED 50 (10253)	Glass-fibre Reinforced Plastic grp Pipes Joints and Fittings for Use for Potable Water Supply Amendment - 5
8	CED 50 (10255)	GRP pipes joints and fittings for use sewerage industrial waste and water other than potable Amendment - 2
9	CED 50 (10257)	Unplasticized Polyvinyl Chloride UPVC Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System - Amendment - 3
10	CED 50 (10258)	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 2 Pipes and Fittings with Non-Smooth External Surface Type B Amendment - 2
11	CED 50 (10259)	Unplasticized Non-Pressure Polyvinyl Chloride PVC -U Pipes for use in Underground Drainage and Sewerage Systems - Amendment - 6
12	CED 50 (10261)	Unplasticized Polyvinyl Chloride PVC-U Pipes for Soil and Waste Discharge System Inside and Outside Buildings Including Ventilation and Rainwater System Amendment - 7
13	CED 50 (10262)	Fabricated PVC-U Fittings for Potable Water Supplies - Specification Part 1 General Requirements Amendment - 1
14	CED 50 (10263)	Unplasticized Polyvinyl Chloride pvc-u screen And Casing Pipes For Bore tubewell Amendment - 2
15	CED 50 (12111)	Multilayer PE-AL-PE Plastic Piping Systems for Indoor Gas Installations with a Maximum Operating Pressure up to and Including 500 KPA 5 bar - Specification
16	CED 50 (12292)	Polyethylene Pipes for Water Supply - Specification Fifth Revision Amendment - 1
17	CED 50 (13621) Revision of: IS 8360:1977	Fabricated Polyethylene Fittings for Water Supply Specification First Revision
18	CED 50 (13622) Revision of: IS 8008:2003	Injection Moulded Machined Polyethylene Fittings for Water Supply Specification Second Revision
19	CED 50 (13623)	Amendment No 2 to IS 4984 2016 Polyethylene pipes for water supply Specification fifth revision
20	CED 50 (13636) Revision of: IS 14333:1996	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent Specification First Revision
21	CED 50 (13670) Revision of: IS 14885:2001	Polyethylene Pipes for the Supply of Gaseous Fuels Specification First Revision
22	CED 50 (13682)	Chlorinated polyvinyl chloride CPVC fittings for potable hot and cold water distribution supplies Specification
23	CED 50 (13686) Revision	Polyethylene-aluminium-polyethylene composite pressure pipes for hot and cold water supplies

	of: IS 15450:2004	Specifications first revision of IS 15450
24	CED 50 (14798) Revision of: IS 4985:2000	Unplasticized PVC pipes for water supplies Specification Fourth Revision of IS 4985
25	CED 50 (15369)	Draft Amendment No 3 to IS 15778 2007 Chlorinated polyvinyl chloride CPVC pipes for potable hot and cold water distribution supplies Specification
26	CED 50 (15770)	Unplasticized Polyvinyl Chloride PVC-U Threaded Column Pipes for Borewells Tubewells - Specification
27	CED 50 (17177)	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Part 1 Pipes and Fittings With Smooth External Surface Type A Amendment - 2
28	CED 50 (17178)	Unplasticized Non-Pressure Polyvinyl Chloride PVC -U Pipes for use in Underground Drainage and Sewerage Systems - Amendment - 7
29	CED 50 (17179)	Unplasticized polyvinyl chloride UPVC single wall corrugated pipes for drainage - Specification First Revision Amendment - 3
30	CED 50 (17197)	Specification for Unplasticized PVC Pipes for Use in Suction and Delivery Lines of Agricultural Pump Sets Amendment - 1
31	CED 50 (17199)	UPVC pipe fittings to be used with the UPVC pipes in the suction and delivery lines of agricultural pumps - Specification Amendment - 1
32	CED 50 (17200)	Flexible PVC pipes or polymer reinforced thermoplastic hoses for suction and delivery lines of agricultural pumps - Specification Amendment - 2
33	CED 50 (17201)	Unplasticized Polyvinyl Chloride UPVC Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System - Specification Amendment - 4
34	CED 50 (17202)	Unplasticized Polyvinyl Chloride PVC-U Pipes for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System - Specification Amendment - 2
35	CED 50 (17208)	Chlorinated polyvinyl chloride CPVC pipes for potable hot and cold water distribution supplies - Specification Amendment - 4
36	CED 50 (17209)	Unplasticized polyvinyl chloride PVC - U screen and casing pipes for bore tubewells - Specification Second Revision Amendment - 3
37	CED 50 (17215)	Fabricated PVC-U fittings for potable water supplies - Specification Part 1 General requirements second revision Amendment - 2
38	CED 50 (17218)	Specification for injection moulded PVC socket fittings with solvent cement joints for water supplies Part 1 General requirements first revision Amendment - 1
39	CED 50 (17228)	Oriented unplasticized polyvinyl chloride PVC- O pipes for water supply - Specification Amendment - 1
40	CED 50 (19723)	Unplasticized Polyvinyl Chloride UPVC Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System Specification - Amendment no 5
41	CED 50 (19725)	Chlorinated Polyvinyl Chloride CPVC Pipes for Potable Hot and Cold Water Distribution Supplies Specification - Amendment No 5
42	CED 50 (19727)	Polyethylene-Aluminium-Polyethylene Composite Pressure Pipes for Hot and Cold Water Supplies - Specification First Revision Amendment No 1
43	CED 50 (19729)	Structured Wall Plastics Piping Systems for Non Pressure Drainage and Sewerage Specification Part 1 Pipes and Fittings with Smooth External Surface Type A - Amendment No 3
44	CED 50 (19730)	Structured Wall Plastics Piping Systems for Non Pressure Drainage and Sewerage Specification Part 2 Pipes and Fittings with Non Smooth External Surface Type B - Amendment no 3
45	CED 50 (20494)	UNPLASTICIZED PVC PIPES FOR POTABLE WATER SUPPLIES SPECIFICATION FOURTH REVISION AMENDMENT NO 1
46	CED 50 (27261)	Polypropylene PP Plastic Piping System For Soil and Waste Discharge Low and High Temperature Within the building structure Part 2 Structured Wall Multi Layer Polypropylene PP Piping System
47	CED 50 (28072) Revision of: IS 13916:1994	Installation of Glassfibre Reinforced Plastic GRP Piping System Code of Practice First Revision
48	CED 50 (28073) Revision of: IS 12709:1994	Glass Fibre Reinforced Plastics GRP Pipes Joints and Fittings for Use for Potable Water Supply-Specification Second Revision
49	CED 50 (28074) Revision of: IS 14402:1996	Glass Fibre Reinforced Plastics Grp Pipes Joints and Fittings for use for Sewerage Industrial Waste and Water Other than Potable Specification First Revision
50	CED 50 (33811)	Unplasticized PVC Pipes for Potable Water Supplies - Specification Fourth Revision
51	CED 50 (33813)	Fabricated Polyethylene Fittings for Water Supply - Specification First Revision
52	CED 50 (33814)	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent - Specification First

		Revision
53	CED 50 (33815)	Polyethylene Pipes for the Supply of Gaseous Fuels - Specification First Revision
54	CED 50 (33824)	Unplasticized Polyvinyl Chloride PVC-U Threaded Column Pipes for Borewells Tubewells - Specification
55	CED 50 (33861)	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage - Specification Part 2 Pipes and Fittings with Non-Smooth External Surface Type B

Total Published Standards:59 Total Standards Under development:60

Aspect Wise Report

Product : 50
Code of Practices : 5
Methods of Test : 2
Terminology : 0
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 2
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.	IS No. & Year	Title
1	IS 3076:1985	Low Density Polyethylene Pipes for Potable Water Supplies
2	IS 8008 (Part 1):2003 ISO 4427-1:2007 ISO 4427-4:2007	Injection moulded machined high density polyethylene HDPE fittings for potable water supplies - Specification Part 1 general requirements for fittings First Revision
3	IS 8008 (Part 2):2003 ISO 4427-1:2007 ISO 4427-4:2007	Injection moulded machined high density polyethylene HDPE fittings for potable water supplies - Specification Part 2 specific requirements for 90 deg bend First Revision
4	IS 8008 (Part 3):2003	Injection Moulded Machined High Density Polyethylene HDPE Fittings for Potable Water Supplies - - Part 3 Specific Requirements for 90 TEES
5	IS 8008 (Part 4):2003 ISO 4427-1:2007 ISO 4427-4:2007	Injection moulded machined high density polyethylene HDPE fittings for potable water supplies - Specification Part 4 specific requirements for reducers First Revision
6	IS 8008 (Part 5):2003 ISO 4427-1:2007 ISO 4427-4:2007	Injection moulded machined high density polyethylene HDPE fittings for potable water supplies - Specification Part 5 specific requirements for ferrule reducers First Revision
7	IS 8008 (Part 6):2003 ISO 4427-1:2007 ISO 4427-4:2007	Injection moulded machined high density polyethylene HDPE fittings for potable water supplies - Specification Part 6 specific requirements for pipe ends First Revision
8	IS 8008 (Part 7):2003 ISO 4427-1:2007 ISO 4427-4:2007	Injection moulded machined high density polyethylene HDPE fittings for potable water supplies - Specification Part 7 specific requirements for sandwich flanges First Revision
9	IS 8008 (Part 8):2003 ISO 4427-1:2007 ISO 4427-4:2007	Injection moulded machined high density polyethylene HDPE fittings for potable water supplies - Specification Part 8 specific requirements for reducing tees First Revision
10	IS 8008 (Part 9):2003 ISO 4427-1:2007 ISO 4427-4:2007	Injection moulded machined high density polyethylene HDPE fittings for potable water supplies - Specification Part 9 specific requirements for ends caps First Revision
11	IS 8360 (Part 1):1977	fabricated high density polyethylene HDPE fittings for potable water supplies Part 1 General requirements
12	IS 8360 (Part 2):1977	fabricated high density polyethylene MDPE fittings for potable water supplies Part 2 Specific requirements for 90 degree tees
13	IS 8360 (Part 3):1977	fabricated high density polyethylene HDPE fittings for potable water supplies Part 3 Specific

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 10124 (Part 9):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification Part 9 Specific Requirements for 60 Degree Bends Second Revision
2	IS 10124 (Part 13):2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification Part 13 Specific Requirements for 11 oBends PART 12 SPECIFIC REQUIREMENTS FOR 22 o BENDS
3	IS 10124 (Part 5):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification Part 5 Specific Requirements for Equal Tees Second Revision
4	IS 10124 (Part 1):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification Part 1 General Requirements Second Revision
5	IS 10124 (Part 2):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification Part 2 Specific Requirements for Sockets Second Revision
6	IS 10124 (Part 6):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification Part 6 Specific Requirements for Flanged Tail Pieces with Metallic Flanges Second Revision
7	IS 10124 (Part 10):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification Part 10 Specific Requirements for 45 Degree Bends Second Revision
8	IS 10124 (Part 11):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification Part 11 Specific Requirements for 30 Degree Bends Second Revision
9	IS 10124 (Part 3):2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification Part 3 Specific Requirements for Straight Reducers Second Revision
10	IS 10124 (Part 7):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification Part 7 Specific Requirements for Threaded Adaptors Second Revision
11	IS 10124 (Part 12):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification Part 12 Specific Requirements for 22 Degree Bends Second Revision
12	IS 10124 (Part 4):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification Part 4 Specific Requirements for Caps Second Revision
13	IS 10124 (Part 8):2009 ISO 1452-1:2009 ISO 1452-4:2009	Fabricated PVC-U Fittings for Potable Water Supplies - Specification Part 8 Specific Requirements for 90 Degree Bends Second Revision
14	IS 12231:1987	Specification for Unplasticized PVC Pipes for Use in Suction and Delivery Lines of Agricultural Pump Sets
15	IS 12709:1994 ISO 10649:2017	Glass-Fibre Reinforced Plastics GRP Pipes Joints and Fittings for Use for Potable Water Supply - Specification First Revision
16	IS 12818:2010	Unplasticized Polyvinyl Chloride PVC-U Screen and Casing Pipes for Bore Tubewells - Specification Second Revision
17	IS 13592:2013	Unplasticized Polyvinyl Chloride PVC-U Pipes for Soil and Waste Discharge System Inside and Outside Buildings Including Ventilation and Rain Water System - Specification First Revision
18	IS 13593:1992	UPVC Pipe Fittings for Use with the UPVC Pipes in the Suction and Delivery Lines of Agricultural Pumps -Specification
19	IS 14333:2022	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent - Specification First Revision
20	IS 14402:1996 ISO 10467:2018	Glass Fibre Reinforced Plastics GRP Pipes Joints and Fittings for Use for Sewerage Industrial Waste and Water Other than Potable - Specification
21	IS 14735:1999	Unplasticized Polyvinyl Chloride UPVC Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System - Specification

22	IS 14787:2000	Unplasticized PVC Pipes Ducts and Fittings for Underground Telecommunications Cable Installation - Specification
23	IS 14885:2022 ISO 23162:2021	Polyethylene Pipes for the Supply of Gaseous Fuels - Specification First Revision
24	IS 15265:2003	Flexible PVC Pipes or Polymer Reinforced Thermoplastic Hoses for Suction and Delivery Lines of Agricultural Pumps - Specification
25	IS 15328:2003	Unplasticized Non-Pressure Polyvinyl Chloride PVC-U Pipes for Use in Underground Drainage and Sewerage Systems - Specification
26	IS 15450:2022 ISO 5832-3: 2021	Polyethylene-Aluminium-Polyethylene Composite Pressure Pipes for Hot and Cold Water Supplies -Specifications First Revision
27	IS 15778:2007 ISO 15877-1:2009 ISO 15877-2:2009	Chlorinated Polyvinyl Chloride CPVC Pipes for Potable Hot and Cold Water Distribution Supplies - Specification
28	IS 15801:2008 ISO 15874-1:2014 ISO 15874-2:2014	Polypropylene - Random Copolymer Pipes for Hot and Cold Water Supplies - Specification
29	IS 15927 (Part 3):2011	Polyethylene Fittings for Use with Polyethylene Pipes for the Supply of Gaseous Fuels - Specification Part 3 Electro Fusion Fittings
30	IS 15927 (Part 2):2012 ISO 4447-1:2014 ISO 4447-4:2014	Polyethylene Fittings for Use with Polyethylene Pipes for the Supply of Gaseous Fuels - Specification Part 2 Spigot Fittings for Butt Fusion for Socket Fusion Using Heated Tools and for Use with Electro Fusion Fittings
31	IS 15927 (Part 1):2012 ISO 4447-1:2014 ISO 4447-4:2014	Polyethylene Fittings for Use with Polyethylene Pipes for the Supply of Gaseous Fuels - Specification Part 1 Fittings for Socket Fusion Using Heated Tools
32	IS 16098 (Part 1):2013	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage - Specification Part 1 Pipes and Fittings with Smooth External Surface Type A
33	IS 16098 (Part 2):2013	Structured-Wall Plastics Piping Systems for Non-Pressure Drainage and Sewerage Specification Part 2 Pipes and Fittings with Non-Smooth External Surface Type B
34	IS 16647:2017 ISO 16422:2014	Oriented Unplasticized Polyvinyl Chloride PVC-O Pipes for Water Supply - Specification
35	IS 17544:2022 ISO 14621-1:2019	Multilayer PE-AL-PE Plastic Piping Systems for Indoor Gas Installations with a Maximum Operating Pressure up to and Including 500 kPa 5 bar - Specification
36	IS 17546:2021 ISO 14403-2 : 2012	Chlorinated Polyvinyl Chloride C P V C Fittings For Potable Hot And Cold Water Distribution Supplies Specification
37	IS 18166:2025	Unplasticized Polyvinyl Chloride PVC-U Threaded Column Pipes for Borewells Tubewells - Specification
38	IS 4984:2016 ISO 4427-1:2007 ISO 4427-2:2019	Polyethylene Pipes for Water Supply - Specification Fifth Revision
39	IS 4985:2021 IEC 62153-4-3: 2013	Unplasticized PVC Pipes for Potable Water Supplies - Specification Fourth Revision
40	IS 7834 (Part 5):1987	Specification for Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies Part 5 Specific Requirements for 45 degree Tees First Revision
41	IS 7834 (Part 1):1987	Specification for Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies Part 1 General requirements First Revision
42	IS 7834 (Part 2):1987	Specification for Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies Part 2 Specific Requirements for 45 Degrees Elbows First Revision
43	IS 7834 (Part 6):1987	Specification for Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies Part 6 Specific Requirements for Sockets First Revision
44	IS 7834 (Part 3):1987	Specification for Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies Part 3 Specific Requirements for 90 Degree elbows First revision
45	IS 7834 (Part 7):1987	Specification for Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies Part 7 Specific Requirements for Unions First Revision
46	IS 7834 (Part 4):1987	Specification for Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies Part 4 Specific Requirements for 90 Degree Tees First Revision
47	IS 7834 (Part 8):1987	Specification for Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies Part 8 Specific Requirements for Caps First Revision

48	IS 8008:2022 ISO/PAS 50010 : 2023	Injection Moulded Machined Polyethylene Fittings for Water Supply - Specification Second Revision
49	IS 8360:2022 ISO/TS 50011 : 2023	Fabricated Polyethylene Fittings for Water Supply - Specification First Revision
50	IS 9271:2004	Unplasticized Polyvinyl Chloride UPVC Single Wall Corrugated Pipes for Drainage - Specification First Revision