

BUREAU OF INDIAN STANDARDS

Program of Work

CED 24 : Public Health Engineering.

Scope: CODE OF PRACTICE FOR WATER SUPPLY, DRAINAGE AND SANITATION IN BUILDINGS, INCLUDING LAYING OF PIPELINES, SMALL SEWAGE TREATMENT PLANTS, ANCILLARY STRUCTURES FOR WATER SUPPLY AND SEWERAGE AND STANDARDIZATION OF EQUIPMENT USED IN PUBLIC HEALTH ENGINEERING INCLUDING THEIR DESIGN, MANUFACTURE, TESTING, OPERATION AND MAINTENANCE

Liaison: **ISO TC-ISO/PC 305 (P): Sustainable non-sewered sanitation systems ISO TC-ISO/PC 305/WG 1 (P): Sustainable non-sewered sanitation systems ISO TC- (O): Community scale resource oriented sanitation treatment systems**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10037 (Part 1) : 1981 <i>Reviewed In : 2022</i>	Requirements for sludge dewatering equipment: Part I Sludge drying beds-sand, gravel and underdrains	November, 2022	-	
2	IS 10037 (Part 2) : 1983 <i>Reviewed In : 2021</i>	Requirements for sludge dewatering equipment: Part 2 Vacuum filtration equipment	February, 2021	-	
3	IS 10037 (Part 3) : 1983 <i>Reviewed In : 2021</i>	Requirements for sludge dewatering equipment: Part 3 Centrifugal equipment (Solid bowl type)	February, 2021	-	
4	IS 10053 : 1981 <i>Reviewed In : 2022</i>	Requirements for Equipment for Jackson Candle Turbidimeter and Determination of Turbidity	November, 2022	-	
5	IS 10261 : 1982 <i>Reviewed In : 2021</i>	Requirements for settling tank (Clarifier Equipment) for waste water treatment	February, 2021	-	Indigenous
6	IS 10313 : 1982 <i>Reviewed In : 2021</i>	Requirements for settling tank (clarifier equipment) for water treatment plant	February, 2021	-	
7	IS 10446 : 1983 <i>Reviewed In : 2022</i>	Glossary of terms relating to water supply and sanitation	February, 2022	-	Indigenous
8	IS 10552 : 1983 <i>Reviewed In : 2021</i>	Specification for buckets to be used in power driven bucket type sewer cleaning machine	February, 2021	-	Indigenous
9	IS 10553 (Part 1) : 1983 <i>Reviewed In : 2022</i>	Requirements for chlorination equipment: Part I General guidelines for chlorination plants including handling, storage and safety of chlorine cylinders and drums	November, 2022	1	

10	IS 10553 (Part 2) : 1983 Reviewed In : 2021	Requirements for chlorination equipment: Part 2 Vacuum feed type chlorinators	February, 2021	-	
11	IS 10553 (Part 4) : 1983 Reviewed In : 2021	Requirements for chlorination equipment: Part 4 Gravity feed type gaseous chlorinators	February, 2021	-	
12	IS 10553 (Part 5) : 1987 Reviewed In : 2022	Requirements of chlorination equipment: Part 5 Bleaching powder solution feeder displacement type chlorinator	November, 2022	-	
13	IS 10595 : 1983 Reviewed In : 2021	Requirements for power driven bucket type sewer cleaning - Machine	February, 2021	-	Indigenous
14	IS 11117 : 1984 Reviewed In : 2021	Requirements for Power Driven Rodding Machine for Sewers	February, 2021	-	Indigenous
15	IS 11208 : 1985 Reviewed In : 2022	Guidelines for registration of plumbers	February, 2022	-	Indigenous
16	IS 11387 : 1985 Reviewed In : 2021	Requirements for high pressure jetting machine for sewer cleaning	February, 2021	-	
17	IS 11397 : 1985 Reviewed In : 2021	Attachment Tools For Power Driven Rodding Machine For Sewers	February, 2021	-	
18	IS 11401 (Part 1) : 1985 Reviewed In : 2022	Requirements for slow sand filters: Part 1 general guidelines	November, 2022	-	Indigenous
19	IS 11401 (Part 2) : 1990 Reviewed In : 2019	General requirements for slow sand filters: Part 2 design, construction, operation and maintenance	August, 2019	-	Indigenous
20	IS 1172 : 1993 Reviewed In : 2022	Code of basic requirements for water supply, drainage and sanitation (Fourth Revision)	November, 2022	-	Indigenous
21	IS 11906 : 1986 Reviewed In : 2022	Recommendations for cement - Mortar lining for cast - Iron mild steel and ductile - Iron pipes and fittings for transportation of water	November, 2022	-	Indigenous
22	IS 11925 : 1986 Reviewed In : 2022	Specification for pitch impregnated fibre pipes and fittings for drainage purposes	November, 2022	-	Indigenous
23	IS 11931 : 1987 Reviewed In : 2022	Specification for Sewer Cleaning Metal Rods	November, 2022	-	
24	IS 11972 : 1987 Reviewed In : 2022	Code of practice for safety precautions to be taken when entering a sewerage system	November, 2022	-	Indigenous
25	IS 12183 (Part 1) : 1987 Reviewed In : 2019	Code of Practice for Plumbing in Multi-storeyed Buildings: Part 1 Water Supply	August, 2019	-	
26	IS 12251 : 1987 Reviewed In : 2019	Code of practice for drainage of building basements	August, 2019	-	Indigenous
27	IS 12288 : 1987 Reviewed In : 2022	Code of practice for use and laying of ductile iron pipes	November, 2022	1	Indigenous
28	IS 12314 : 1987 Reviewed In : 2022	Code of Practice for Sanitation with Leaching Pits for Rural Communities	November, 2022	-	
29	IS 13166 : 1992 Reviewed In : 2022	Mechanical Surface Rerators - Guidelines for Evaluation and Testing	February, 2022	-	
30	IS 13496 : 1992 Reviewed In : 2022	General Requirements of Suction Machine for Cleaning Sewers, Manholes and Ancillary Structures	November, 2022	-	

		Provided on Sewer Line and Closed Storm Water Drains			
31	IS 1742 : 1983 Reviewed In : 2022 ISO 1045-1 ISO 1045-2	Code of practice for building drainage (second revision)	November, 2022	-	Not Equivalent
32	IS 17955 : 2023	Sand and Gravel for Use as Filtration Medium - Specification		-	Indigenous
33	IS 18150 : 2023	Non-Sewered On-Site Sanitation System - Design, Fabrication and Installation of Biodigesters for Human Waste Decomposition - Code of Practice		-	Indigenous
34	IS 2064 : 1993 Reviewed In : 2022	Selection, installation and maintenance of sanitary appliances - Code of practice (Second Revision)	November, 2022	-	Indigenous
35	IS 2065 : 1983 Reviewed In : 2022	Code of practice for water supply in buildings (Second Revision)	February, 2022	-	Indigenous
36	IS 2470 (Part 1) : 1985 Reviewed In : 2022	Code of practice for installation of septic tanks: Part 1 design criteria and construction (Second Revision)	February, 2022	-	Indigenous
37	IS 2470 (Part 2) : 1985 Reviewed In : 2022	Code of practice for installation of septic tanks: Part 2 secondary treatment and disposal of septic tank effluent (Second Revision)	February, 2022	2	Indigenous
38	IS 3114 : 1994 Reviewed In : 2019	Code of Practice for Laying of Cast Iron Pipes (Second Revision)	August, 2019	-	
39	SP 35 : 1987 Reviewed In : 2014	Handbook on Water Supply and Drainage (with Special Emphasis on Plumbing)		-	
40	IS 4111 (Part 1) : 1986 Reviewed In : 2022	Code of Practice for Ancillary Structures in Sewerage System: Part 1 Manholes (First Revision)	February, 2022	-	Indigenous
41	IS 4111 (Part 2) : 1985 Reviewed In : 2022	Code of Practice for Ancillary Structures in Sewerage System: Part 2 Flushing Tanks (First Revision)	February, 2022	-	Indigenous
42	IS 4111 (Part 3) : 1985 Reviewed In : 2022	Code of Practice for Ancillary Structures in Sewerage System: Part 3 Inverted Syphon (First Revision)	February, 2022	-	
43	IS 4111 (Part 4) : 1968 Reviewed In : 2022	Code of practice for ancillary structures in sewerage system: Part 4 puming stations and pumping mains (Rising Mains)	February, 2022	-	Indigenous
44	IS 4111 (Part 5) : 1993 Reviewed In : 2019	Code of Practice for Ancillary Structures in Sewerage System: Part 5 Tidal Outfalls	August, 2019	-	Indigenous
45	IS 4127 : 2023	Laying of Glazed Stoneware Pipes - Code of Practice (Second Revision)		-	Indigenous
46	IS 5329 : 1983 Reviewed In : 2022	Code of practice for sanitary pipe work above ground for buildings	February, 2022	-	
47	IS 5611 : 1987 Reviewed In : 2022	Code of practice for construction of waste stabilization ponds (Faculative Type) (First Revision)	November, 2022	-	Indigenous
48	IS 5822 : 1994 Reviewed In : 2019	Code of practice for laying of electrically welded steel pipes for	August, 2019	1	Indigenous

		water supply (Second Revision)			
49	IS 6279 : 1971 Reviewed In : 2021	Specification for equipment for grit removal devices	February, 2021	-	Indigenous
50	IS 6280 : 1971 Reviewed In : 2021	Specification for sewage screens	February, 2021	-	Indigenous
51	IS 6295 : 1986 Reviewed In : 2022	Code of practice for water supply and drainage in high altitudes and/or sub - Zero temperature regions (First Revision)	February, 2022	-	Indigenous
52	IS 6924 : 1973 Reviewed In : 2022	Code of practice for the construction of refuse chutes in multistoreyed buildings	February, 2022	-	Indigenous
53	IS 7090 : 1985 Reviewed In : 2021	Guidelines for rapid mixing devices (First Revision)	February, 2021	-	Indigenous
54	IS 7208 : 1992 Reviewed In : 2022	Flocculator Devices Guidelines (First Revision)	February, 2022	-	Indigenous
55	IS 7232 : 1974 Reviewed In : 2022 Reaffirmed but not taken up for revision	Method for imhoff cone test	November, 2022	-	
56	IS 7558 : 1974 Reviewed In : 2022	Code of practice for domestic hot water installations	February, 2022	-	Indigenous
57	IS 7740 : 1985 Reviewed In : 2022	Code of practice for construction and maintenance of road gullies (First Revision)	February, 2022	-	Indigenous
58	IS 8413 (Part 1) : 1977 Reviewed In : 2021	Requirements for biological treatment equipment: Part 1 Trickling filters	February, 2021	-	
59	IS 8413 (Part 2) : 1982 Reviewed In : 2021	Requirements for biological treatment end equipment: Part 2 Activated sludge process and its modifications	February, 2021	-	
60	IS 8419 : 2023	Underdrainage System of Rapid Sand Gravity Filtration Equipment - Requirements (First Revision)		-	Indigenous
61	IS 9110 : 1979 Reviewed In : 2021	Specification for hand operated augers for cleaning water - Closets, pipes and sewers	February, 2021	-	Indigenous
62	IS 9222 (Part 1) : 1990 Reviewed In : 2021	Recommendations for handling and dosing devices for chemicals for water treatment: Part 1 coagulants (First Revision)	February, 2021	-	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
<i>No Records Found</i>		

Finalized Draft Indian Standards under Print		
SI. No.	Doc No.	Title
1	CED 24 (16883)	Rotationally Moulded Polyethylene Septic Tanks - Specification
2	CED 24 (24325)	Packaged Sewage Treatment Plant Specification

Total Published Standards:59 Total Standards Under development:2

Aspect Wise Report

Product : 8
 Code of Practices : 31
 Methods of Test : 1
 Terminology : 1
 Dimensions : 0
 System Standard : 0
 Safety Standard : 0
 Others : 20
 Service Specification : 0
 Process Specification : 0
 Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 2720 (Part 32) : 1970	North dakota cone test
2	IS 6717 : 1972	Mobile Road Crane Fully Sewing
3	IS 8321 : 1976	Glossary of terms applicable to plumbing work
4	IS 8419 (Part 1) : 1977 Reviewed In : 2021	Requirements for filtration equipment Part 1 filtration media - Sand and gravel
5	IS 8419 (Part 2) : 1984 Reviewed In : 2021	Requirements for rapid sand gravity filtration equipment Part 2 underdrainage system

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10552 : 1983 Reviewed In : 2021	Specification for buckets to be used in power driven bucket type sewer cleaning machine
2	IS 11397 : 1985 Reviewed In : 2021	Attachment Tools For Power Driven Rodding Machine For Sewers
3	IS 11925 : 1986 Reviewed In : 2022	Specification for pitch impregnated fibre pipes and fittings for drainage purposes

4	IS 11931 : 1987 Reviewed In : 2022	Specification for Sewer Cleaning Metal Rods
5	IS 17955 : 2023	Sand and Gravel for Use as Filtration Medium - Specification
6	IS 6279 : 1971 Reviewed In : 2021	Specification for equipment for grit removal devices
7	IS 6280 : 1971 Reviewed In : 2021	Specification for sewage screens
8	IS 9110 : 1979 Reviewed In : 2021	Specification for hand operated augers for cleaning water - Closets pjpes and sewers