Indian Standard

CHLORINATED POLYVINYL CHLORIDE (CPVC) PIPES FOR AUTOMATIC SPRINKLER FIRE EXTINGUISHING SYSTEM — SPECIFICATION

1 SCOPE

This standard covers requirements and test methods for chlorinated polyvinyl chloride pipes for installation of automatic sprinkler fire extinguishing systems in accordance with IS 15105 for light hazard occupancies in maximum area of 125 m^2. This standard also covers recommendatory information for jointing of pipes and installation of CPVC piping system. These CPVC pipes are recommended for wet piping system only.

2 REFERENCES

The standards listed in Annex A contain provisions, which through reference in this text constitute provisions of this standard. At the time of publication the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated in Annex A.

ANNEX A
(*Clause* 2)

LIST OF REFERRED INDIAN STANDARDS

IS No.	*Title*
1239 : 2004	Steel tubes, tubulars and other wrought steel fittings — Specification
4905 : 1968	Methods for random sampling
12235	Thermoplastic pipes and fittings — Methods of test (*first revision*)
(Part 1) : 2004	Measurement of dimensions
(Part 2) : 2004	Determination of Vicat softening temperature
(Part 3) : 2004	Test for opacity
(Part 4) : 2004	Determining the detrimental effect on the composition of water
(Part 5) : 2004	Longitudinal reversion
Sec 1 : 2004	Determination methods
Sec 2 : 2004	Determination parameters
(Part 8/Sec 1) : 2004	Resistance to internal hydrostatic pressure, Section 1 Resistance to internal hydrostatic pressure at constant internal water pressure
(Part 10) : 2004	Determination of organotin as tin aqueous solution
(Part 13) : 2004	Determination of tensile strength and elongation
(Part 14) : 2004	Determination of density/relative density (specific gravity)
(Part 19) : 2004	Flattening test
13360	Plastics — Method of testing : Part 3
(Part 3/Sec 1) : 1995	Physical and dimensional properties, Section 1 Determination of density and relative density of non-cellular plastics