

Indian Standard

**STEEL CYLINDER PIPES WITH CONCRETE
LINING AND COATING – SPECIFICATION**

(*First Revision*)

1 SCOPE

1.1 This standard lays down the requirements for steel cylinder pipes with concrete lining and coating having nominal internal diameter from 200 mm to 3 000 mm for use in water mains, sewers, irrigation works and similar situations.

NOTES

1 Such pipes shall generally be provided with:

- a) plain ends
 - 1) for butt welded joints with collar upto 700 mm dia, and
 - 2) for simple butt welded jointing above 800 mm dia.
- b) flanged ends; and
- c) Spigot and socket ends (conforming to relevant Indian Standard) for joints with rubber rings.

2 Pipes having other type of ends may be used, where specifically required.

2 REFERENCES

2.1 The Indian Standards listed in Annex A are necessary adjuncts to this standard.

ANNEX A
(*Clause 2.1*)

LIST OF REFERRED INDIAN STANDARDS

<i>IS No</i>	<i>Title</i>
226 : 1975	Specification for structural steel (standard quality) (<i>fifth revision</i>)
269 : 1989	Specification for 33 grade ordinary Portland cement (<i>fourth revision</i>)
383 : 1970	Specification for coarse and fine aggregates from natural sources for concrete (<i>second revision</i>)
432 (Part 1) : 1982	Specification for mild steel and medium tensile steel bars and hard-drawn steel wire for concrete reinforcement : Part 1 Mild steel and medium tensile steel bars (<i>third revision</i>)
432 (Part 2) : 1982	Specification for mild steel and medium tensile steel bars and hard-drawn steel wire for concrete reinforcement : Part 2 Hard-drawn steel wire (<i>third revision</i>)

455 : 1989	Specification for Portland slag cement (<i>fourth revision</i>)
516 : 1939	Method of test for strength of concrete
814 (Part 2) : 1974	Specification for covered electrodes for metal arc welding of structural steels: Part 2 Welding sheets (<i>fourth revision</i>)
816 : 1969	Code of practice for use of metal arc welding for general construction in mild steel (<i>first revision</i>)
1489 : 1976	Specification for Portland Pozzolana cement (<i>second revision</i>)
2062 : 1984	Specification for weldable structural steel (<i>third revision</i>)
4031 (Part 6) : 1988	Methods of physical tests for hydraulic cement : Part 6 Determination of compressive strength of hydraulic cement (other than masonry cement) (<i>first revision</i>)
6452 : 1989	Specification for high alumina cement for structural use (<i>first revision</i>)
6909 : 1990	Specification for supersulphated cement (<i>first revision</i>)
8041 : 1990	Specification for rapid hardening Portland cement (<i>second revision</i>)
8043 : 1978	Specification for hydrophobic Portland cement (<i>first revision</i>)
8112 : 1989	Specification for 43 grade ordinary Portland cement (<i>first revision</i>)
12269 : 1987	Specification for 53 grade ordinary Portland cement
12330 : 1988	Specification for sulphate resisting Portland cement