

(PREVIEW)

*Indian Standard*

## PRESTRESSED CONCRETE PIPES (INCLUDING SPECIALS) – SPECIFICATION

### 1 SCOPE

This standard covers the requirements of prestressed concrete pipes (including specials) with nominal internal diameter the range of 200 mm to 2 500 mm (*see* Note under Table 1), in which permanent Internal stresses are deliberately Introduced by tensioned steel to the desired degree to counteract the stresses caused m pipe under service

### 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 agreement based on this standard are encouraged to Investigate the possibility of applying the most recent edition of the standards indicated in Annex A

### ANNEX A

(Clause 2)

#### LIST OF REFERRED INDIAN STANDARDS

<i>IS No</i>	<i>Title</i>
432	Specification for mild steel and medium tensile steel bars and hard-drawn steel wire for concrete reinforcement
(Part I) 1982	Part I Mild steel and medium tensile steel bars ( <i>third revision</i> )
(Part 2) 1982	Part 2 Hard-drawn steel wire ( <i>third revision</i> )
455 1989	Specification for Portland slag cement ( <i>fourth revision</i> )
783 1985	Code of practice for laying of concrete pipes ( <i>first revision</i> )
1566 1982	Specification for hard-drawn steel wire fabric for concrete reinforcement ( <i>second revision</i> )
1785	Specification for plain hard-drawn steel wore for prestressed concrete
(Part 1 ) 1983	Part 1 Cold-drawn stress relieved wire ( <i>second revision</i> )
(Part 2 ) 1983	Part 2 As drawn wire ( <i>first revision</i> )
1786 1985	Specification for high strength deformed steel bars and wires for concrete reinforcement ( <i>third revision</i> )

1916	1989	Specification for steel cylinder pipe with concrete lining and coating ( <i>first revision</i> )
2062	1992	Steel for general structural purposes ( <i>fourth revision</i> )
3597	1998	Methods of test for concrete pipes ( <i>second revision</i> )
3658	1999	Code of practice for liquid permanent flaw detection ( <i>second revision</i> )
5382	1985	Rubber sealing rings for gas mains, water mains and sewers ( <i>first revision</i> )
6003	1983	Specification for intended wire for prestressed concrete ( <i>first revision</i> )
6006	1983	Specification for uncoated stress relieved strand for prestressed concrete ( <i>First revision</i> )
8041	1990	Specification for rapid hardening Portland cement ( <i>second revision</i> )
8112	1989	Specification for 43 grade ordinary Portland cement ( <i>first revision</i> )
9103	1999	Specification for admixtures for concrete ( <i>first revision</i> )
12269	1987	Specification for 53 grade ordinary Portland cement