

(PREVIEW)

IS 1113 : 2003

Indian Standard

**SOIL–CEMENT LINING FOR CANALS–
CODE OF PRACTICE**

(*First Revision*)

I SCOPE

1.1 This standard lays down general guidelines for lining irrigation canals with 100 to 150 mm thick soil cement lining

1.2 The use of soil-cement lining for irrigation canals shall be restricted to small and medium size irrigation canals with capacities up to 10 cumecs and in which the velocity of water does not exceed 1 m/s

2 REFERENCES

The following standards 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 below

<i>IS No.</i>	<i>Title</i>
269 : 1989	Specification for 33 grade ordinary Portland cement (fourth revision)
455 : 1989	Specification for Portland slag cement (<i>fourth revision</i>)
456 : 2000	Plain and reinforced concrete Code of practice (<i>fourth revision</i>)
1489	Specification for Portland pozzolana cement
(Part I) : 1991	Flyash based (<i>third revision</i>)
(Part 2) : 1991	Calcined clay based (<i>third revision</i>)
2720 (Part 7) : 1980	Methods of test for soil Part 7 Determination of water content dry density relation using light compaction (<i>second revision</i>)
3037 : 1986	Specification for bitumen mastic for use in water-proofing of roofs (<i>first revision</i>)
3812 (Part 1) : 2003	Specification for pulverized fuel ash, for use as pozzolana in cement, cement mortar and concrete.
4332 (Part 3) : 1967	Methods of test for stabilized soils: Part 3 Test for determination of moisture content-dry density relation for stabilized soils mixtures
4558 : 1995	Under drainage of lined canals - Code of practice (<i>second revision</i>)
5206 : 1992	Sealing expansion joints in concrete lining on canals – Code of practice
8112 : 1989	Specification for 43 grade ordinary Portland cement (<i>first revision</i>)
12269 : 1987	Specification for 53 grade ordinary Portland cement