

Indian Standard

CODE OF PRACTICE FOR LINING OF WATER-COURSES AND FIELD CHANNELS

I. SCOPE

1.1 This standard covers the lining of water courses and field channels in brick/tile, stone slab/stone masonry, cement concrete, pre-cast concrete slabs and LDPE film along with rigid cover.

2 REFERENCES

2.1 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 these standards are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below:

<i>IS No.</i>	<i>Title</i>
IS 2 : 1960	Rules for rounding off numerical values (<i>revised</i>)
IS 269 : 1989	Specification for 33 grade ordinary Portland cement (<i>fourth revision</i>)
IS 383 : 1999	Specification for coarse and fine aggregates from natural sources for concrete (<i>third revision</i>)
IS 456 : 2000	Code of practice for plain and reinforced concrete (<i>fourth. revision</i>)
IS 712 : 1984	Specification for building limes (<i>third revision</i>)
IS 1077 : 1992	Common burnt clay building bricks – Specification (<i>fifth revision</i>)
IS 1489 (Part 1) : 1991	Specification for Portland pozzolana cement : Part 1 Flyash based (<i>third revision</i>)
IS 1489 (Part 2) : 1991	Specification for Portland pozzolana cement : Part 2 Calcined clay based (<i>third revision</i>)
IS 1542 : 1992	Specification for sand plaster (<i>second revision</i>)
IS 2116 : 1980	Specification for sand for masonry mortars (<i>first revision</i>)
IS 2250 : 1981	Code of practice for preparation and use of masonry mortar (<i>first revision</i>)
IS 4701 : 1982	Code of practice for earthwork on canals(<i>first revision</i>)
IS 7969 : 1975	Safety code for handling and storage of building materials
IS 9698 : 1995	Code of practice for lining of canals with polyethylene film (<i>first revision</i>)
IS 12894 : 2002	Pulverized fuel ash – Lime bricks - Specification (<i>first revision</i>)
IS 10430 : 2000	Criteria for design of lined canals and guidance for selection of type of lining (<i>first revision</i>)
IS 10646 : 1991	Specification for canal linings – Cement concrete tiles (<i>first revision</i>)
IS 13757 : 1993	Specification for burnt clay flyash building bricks