

(PREVIEW)

# *Indian Standard*

## RETAINING WALL FOR HILL AREA — GUIDELINES

### PART 2 DESIGN OF RETAINING / BREAST WALLS

#### 1 SCOPE

This standard (Part 2) deals with design of gravity type structures used to support earth or other materials behind them which would otherwise not stay in that position. Other types of retaining structures are covered in Part 9 and Part 10 of this standard (*under preparation*)

#### 2 REFERENCES

The Indian Standards listed in Annex A contain provisions which through reference in this text, constitute provision 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

<i>IS No.</i>	<i>Title</i>
875	Code of practice for design loads (other than earthquake) for buildings and structures:
(Part 1) : 1987	Dead loads — Unit weights of building material and stored materials ( <i>second revision</i> )
(Part 2) : 1987	Imposed loads ( <i>second revision</i> )
(Part 3) : 1987	Wind loads ( <i>second revision</i> )
(Part 4) : 1987	Snow loads ( <i>second revision</i> )
(Part 5) : 1987	Special loads and load combinations ( <i>second revision</i> )
1080 : 1986	Code of practice for design and construction of shallow foundations on soils (other than raft, ring and shell) ( <i>second revision</i> )
1893 : 1984	Criteria for earthquake resistant design of structures ( <i>fourth revision</i> )
1904 : 1986	Code of practice for design and construction of foundations in soils: General requirements ( <i>third revision</i> )
4247 (Part 3) : 1978	Code of practice for structural design of surface hydel power stations: Part 3 Substructure ( <i>first revision</i> )
6403 : 1981	Code of practice for determination of bearing capacity of shallow foundations ( <i>first revision</i> )
12070 : 1987	Code of practice for design and construction of shallow foundation on rock