

*Indian Standard*

**CONCRETE STRUCTURES FOR STORAGE OF  
LIQUIDS - CODE OF PRACTICE**

**PART 2 REINFORCED CONCRETE STRUCTURES**

**( *First Revision* )**

**1 SCOPE**

**1.1** This standard (Part 2) lays down the requirements applicable specifically to reinforced concrete structures for the storage of liquids, mainly water. These requirements are in addition to the general requirements laid down in IS 3370 (Part 1).

**1.2** This standard does not cover the requirements for reinforced and prestressed concrete structures for storage of hot liquids and liquids of low viscosity and high penetrating power like petrol, diesel oil, etc. This standard also does not cover dams, pipes, pipelines, lined structures and damp-proofing of basements. Special problems of shrinkage arising in the storage of non-aqueous liquid and the measures necessary where chemical attack is possible are also not dealt with. The recommendations, however, may generally be applicable to the storage at normal temperatures of aqueous liquids and solutions which have no detrimental action on concrete and steel or where sufficient precautions are taken to ensure protection of concrete and steel from damage due to action of such liquids as in the case of sewage.

**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>
456 : 2000	Code of practice for plain and reinforced concrete ( <i>fourth revision</i> )
1786 : 2008	Specification for high strength bars and wires for concrete reinforcement ( <i>fourth revision</i> )
3370 (Part 1) : 2009	Concrete structures for the storage of liquids - Code of practice: General requirements ( <i>first revision</i> )
(Part 4) :1967	Design tables