

Indian Standard

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

PART III PRESTRESSED CONCRETE STRUCTURES

1. SCOPE

1.1 This standard (Part III) lays down the requirements applicable specifically to the prestressed concrete structures for the storage of liquids, mainly water. These requirements are in addition to the general requirements laid down in IS: 3370 (Part I)-1965§.

1.2 This code 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. Special problems of shrinkage arising in the storage of non-aqueous liquids 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.