

14 TESTING OF WATER RETAINING STRUCTURES (SECTION 03800)

14.1 Part 1 General

14.1.1 Scope

- A. This section of the specification gives the requirements for the methods and evaluation criteria for testing water retaining/excluding concrete structures.
- B. The Contractor shall test all concrete structures that are intended to be water retaining/excluding which shall include but not be limited to the following:
 - 1. Concrete tanks and reservoirs.
 - 2. Concrete channels.
 - 3. Concrete sumps.
 - 4. Concrete underground chambers or structures subject to groundwater infiltration.
- C. For water retaining structures, testing shall be carried out after application of any interior protective coatings but prior to application of any exterior coatings or membranes.
- D. The cost of obtaining and the subsequent disposal of the test water shall be at the Contractor's expense.

14.1.2 Related Documents

- A. The following sections of the specification shall be read in conjunction with this section.

Section 01300 -Submittals.

Section 03600 -Concrete Protection and waterproofing systems.

14.1.3 Standards

- A. All activities relating to this section of the specification shall comply with the following or approved equal standards.

BS EN 1992 Design of Concrete Structures.

14.1.4 Submittals

- A Method Statements

- 1. The Contractor shall submit method statements to the Engineer for approval 4 weeks in advance of commencing the site activity in accordance with Section