

**72. FIELD TESTS OF CONCRETE.**

Tests shall be made on concrete and mortar as the work progresses to check the density of the mixtures and the rate of setting. The test pieces shall be cubes, rectangular prisms or cylinders, having a volume not less than one-fourth of a cubic foot. They shall be poured from the regular run of the mortar or concrete as deposited, and be left to set under the same conditions as the material in the structure. There shall be two such test pieces made from each day's work. The test pieces shall be carefully examined before the form work is removed.

**73. TEST LOADS ON FLOORS.**

Test loads may be applied to a floor at any time after sixty days from the hardening of the concrete, but they shall not exceed one and one-half times the live load for which the floor has been designed. On removal of the test load, after its application for twenty-four hours, the amount of permanent deflection shall be negligible, having regard to the purpose for which the structure is required.

**74. INSPECTION.**

There shall be constant competent inspection throughout the whole of the work.

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