

**1400 CEMENT, CONCRETE AND CURING MATERIALS****1401 CEMENT TESTS**

These tests are performed in the Central Lab, Cement Lab.

Cement tests are compressive strength, expansion, fineness, air content and chemical analysis. These tests are run for project acceptance in accordance with the following AASHTO procedures:

T 105	T 106	T 107	T 128
T 129	T 131	T 137	T 154
T 192			

**1402 CONCRETE BRICK**

This test is performed in the Central Lab, Concrete and Metals Lab.

Dimensions, compressive strength and  $\text{kg/m}^3$  of water absorption are determined in accordance with ASTM C 140.

The manufacturer is required to provide a certificate of compliance as to air content.

**1403 CONCRETE CURING COMPOUNDS**

This test is performed in the Central Lab, Cement Lab in accordance with AASHTO T 155 (Mn/DOT Modified).

**NOTE 1:** Test procedure on file in the lab specified.

Membrane curing compounds are tested for their ability to prevent moisture loss during early cure, measured in  $\text{g/cm}^2$ .

**1404 CONCRETE CURING MATERIALS**

This test is performed in the Central Lab, Cement and Concrete & Metals Labs.

Plastic sheeting is measured for thickness and tensile strength in accordance with ASTM D 2103 and D 882, respectively.

Yarns per meter and weight are determined for burlap in accordance with AASHTO M 182.

**1405 CONCRETE MASONRY UNITS for MANHOLES and CATCH BASINS**

This test is performed in the Central Lab, Concrete and Metals Lab.

Dimensions, compressive strength and  $\text{kg/m}^3$  of water absorption are determined in accordance with ASTM C 140.

The manufacturer is required to provide a certificate of compliance as to air content.

**1406 CONCRETE BUILDING BLOCKS**

This test is performed in the Central Lab, Concrete and Metals Lab.

Dimensions, compressive strength and  $\text{kg/m}^3$  of water absorption are determined in accordance with ASTM C 140.