

Concrete Curing Tank Equipment Description

Equipment ID: _____
Manufacturer: _____
Model #: _____
Serial #: _____
Storage Location: _____

Description: Non-corroding Water Tank

Primary Purpose: Storage of concrete strength test specimens at the required temperature

Maintenance Item: Stir tank
Clean tank and refill with water and 3g/L calcium hydroxide

Maintenance Procedure: ASTM C 511 – Section 7.1.1

Maintenance Interval: Stir monthly
Clean and refill tank every 24 months

Calibration Item: Verify water temperature of tank

Calibration Procedure: In-House Procedure (see ASTM C 511 – Section 5.2)
Maintenance Worksheet
Calibration Worksheet

Calibration Equipment: Reference thermometer readable to 0.5 °C

Calibration Interval: Verify tank temperature weekly

Specifications: ASTM C 511 – Section 7.1.1
ASTM C 511 – Section 7.2

Specified Tolerance: As stated in ASTM C 511