

Precast Concrete Tank Proof of Conformance Test

Company Name: _____

Date of Test: _____

Product Tested: _____

Product Size: _____ - Record dimensions on drawing below.

TEST SPECIFICATIONS

Test Witnessed By: _____

Description of Test: _____ Assurance of watertightness as specified in ASTM C1227 and/or OAC 3701-29-12 (H)(7) requiring -4" of Hg (vacuum) for a minimum of five minutes; *and/or*
Check all that apply _____ Assurance test for verification of tank strength and integrity as specified in OAC 3701-29-12 (H)(6). 2,000 lbs. placed on a 24" x 24" area near center of tank.

Procedure: Attach vacuum test plate or pipe assembly. Seal all openings as necessary. Using a vacuum generating device, pull a vacuum of -4.2" to -4.5" Hg. Allow tank pressure to settle. If reading falls below -4.0", increase vacuum accordingly. **When vacuum is stable, record initial vacuum reading** and start a five minute timer. At the end of five minutes, record the final reading on the gauge. The tank must hold the vacuum reading for five minutes to pass. A tank may be repaired and retested as necessary.

Hg reading: Start: _____" End: _____" Time: 5 Min.

Allow the tank to stabilize before beginning the timed test. Refer to the latest edition of ASTM C 1227, or the NPCA Best Practices Manual for requirements. For safety of testing personnel, do not exceed 5" Hg without precaster or engineer approval. A calibrated gauge with a scale of 0 to -10 inches of mercury (maximum) with a $\pm 1\%$ accuracy should be used.

Circle One: Pass Fail

Testers Signature: _____ Date: _____

Engineer's Signature: _____ Date: _____

PE Number: _____

Nominal tank dimensions (exterior):

