
Standard Method of Test for

Determining Formwork Pressure of Fresh Self-Consolidating Concrete (SCC) Using Pressure Transducers

AASHTO Designation: T 352-14 (2022)¹

Technically Revised: 2014

Reviewed but Not Updated: 2022

Editorially Revised: 2021

Technical Subcommittee: 3b, Fresh Concrete



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1. SCOPE

- 1.1. This method covers the measurement of formwork pressure of fresh self-consolidating concrete (SCC) using pressure transducers attached to formwork.
- 1.2. This is a field test with the intention of measuring formwork pressure during placement of SCC.
- 1.3. The text of this standard references notes that provide explanatory information. These notes shall not be considered as requirements for this standard.
- 1.4. The values stated in SI units are to be regarded as the standard.
- 1.5. *This standard may involve hazardous materials, operations, and equipment. This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*
- 1.6. *The quality of the results produced by this standard are dependent on the competence of the personnel performing the procedure and the capability, calibration, and maintenance of the equipment used. Agencies that meet the criteria of R 18 are generally considered capable of competent and objective testing/sampling/inspection/etc. Users of this standard are cautioned that compliance with R 18 alone does not completely assure reliable results. Reliable results depend on many factors; following the suggestions of R 18 or some similar acceptable guideline provides a means of evaluating and controlling some of those factors.*

2. REFERENCED DOCUMENT

- 2.1. AASHTO Standard:
 - R 18, Establishing and Implementing a Quality Management System for Construction Materials Testing Laboratories
- 2.2. ASTM Standard:
 - C125, Standard Terminology Relating to Concrete and Concrete Aggregates