
Standard Practice for Sampling Aggregate Products

AASHTO Designation: R 90-18 (2022)¹

Reclassified: 2018

Reviewed but Not Updated: 2022

Technical Subcommittee: 1c, Aggregates



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1. SCOPE

- 1.1. This practice covers the procedures for obtaining representative samples of coarse, fine, or combinations of coarse and fine aggregate (CA and FA) products to determine compliance with requirements of the specifications under which the aggregate is furnished. The method includes sampling from conveyor belts, transport units, roadways, and stockpiles.
- 1.2. *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.*
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2. REFERENCED STANDARDS

- 2.1. *AASHTO Standards:*
- [M 323](#), Superpave Volumetric Mix Design
 - [T 11](#), Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing
 - [T 27](#), Sieve Analysis of Fine and Coarse Aggregates
- 2.2. *ASTM Standard:*
- [D75/D75M](#), Standard Practice for Sampling Aggregates
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3. SIGNIFICANCE AND USE

- 3.1. Sampling is a critical step in determining the quality of the material being evaluated. Care shall be exercised to ensure that samples are representative of the material being evaluated.
- 3.2. This practice is intended to provide standard requirements and procedures for sampling coarse, fine and combinations of coarse and fine aggregate products. The detailed requirements as to materials, interpretation of results, and precision and bias are described in specific test methods.
- 3.3. For sampling of potential aggregate sources and preliminary site investigation, refer to [ASTM D75/D75M](#).
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4. APPARATUS

- 4.1. *Shovels or Scoops, or Both*—Tools with which to gather the sample.
- 4.2. *Brooms, Brushes, and Scraping Tools*—Tools to assist in collecting the sample.
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