
Standard Method of Test for

Determining the Percentage of Fracture in Coarse Aggregate

AASHTO Designation: T 335-09 (2023)¹

Technically Revised: 2009

Reviewed but Not Updated: 2023

Editorially Revised: 2021

Technical Subcommittee: 1c, Aggregates



American Association of State Highway and Transportation Officials
555 12th Street NW, Suite 1000
Washington, D.C. 20004

Standard Method of Test for

Determining the Percentage of Fracture in Coarse Aggregate

AASHTO Designation: T 335-09 (2023)¹

AASHTO

Technically Revised: 2009

Reviewed but Not Updated: 2023

Editorially Revised: 2021

Technical Subcommittee: 1c, Aggregates

1. SCOPE

- 1.1. This test method covers the determination of the percentage, by mass, of a coarse aggregate sample that consists of fractured particles meeting specified requirements.
- 1.2. *This standard may involve hazardous materials, operations, and equipment. This standard does not purport to address all of the safety concerns associated with its use. It is the responsibility of the user of this procedure to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to its use.*
- 1.3. The text of the standard reference notes provides explanatory material. These notes (excluding those in tables and figures) shall not be considered as requirements of the standard.
- 1.4. *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 DOCUMENTS

- 2.1. *AASHTO Standards:*
 - < M 231, Weighing Devices Used in the Testing of Materials
 - < R 18, Establishing and Implementing a Quality Management System for Construction Materials Testing Laboratories
 - < R 76, Reducing Samples of Aggregate to Testing Size
 - < R 90, Sampling Aggregate Products
 - < 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
 - < T 255, Total Evaporable Moisture Content of Aggregate by Drying
- 2.2. *ASTM Standard:*
 - < E11, Standard Specification for Woven Wire Test Sieve Cloth and Test Sieves