Course Number
FHWA-NHI-131136

Course Title
Materials Testing: Reducing Aggregate Samples

The Materials Testing and Reducing Aggregate Samples course will cover the two methods for splitting a sample: using a mechanical splitter and quartering. The purpose of these procedures is to reduce large samples of aggregate to the appropriate size for testing. The end product should be a sample that is representative of the source.

The American Association of State Highway and Transportation Officials or AASHTO procedures and specifications are used throughout the course. The course covers two methods used for splitting, the mechanical method and the quartering method. Both of these processes are covered in detail. There are questions for the students as a review of the material. References are given for further information.

Outcomes
Upon completion of the course, participants will be able to:
• Define aggregate reducing
• Describe the aggregate reducing method using mechanical splitter
• Describe the aggregate reducing method using quartering

Target Audience
This training is targeted to the beginning technician that will be reducing samples for testing using mechanical splitting and/or quartering for a contractor, producer, agency, or consultant. This training is recommended for the Transportation Curriculum Coordination Council levels I and II.

Training Level: Basic

Fee: 2020: $0 Per Person; 2021: N/A

Length: 1 HOURS (CEU: 0 UNITS)

Class Size: Minimum: 1; Maximum: 1

NHI Customer Service: (877) 558-6873 • nhicustomerservice@dot.gov