

Division of Materials and Tests

TDOT Certification:

Concrete Plant Quality Control Technician Certification Program

The TDOT Concrete Plant Quality Control Technician is an individual who is responsible for performing all sampling, testing, and inspection for process control at the concrete plant.

Scope of Course

The program requires a working knowledge of the following:

- AASHTO T 2/ASTM D75 - Sampling of Aggregates
- AASHTO R 76/ASTM C702 - Reducing Samples of Aggregate to Testing Size
- AASHTO T 255/ASTM C566 - Total Evaporable Moisture Content of Aggregate by Drying
- AASHTO T 11/ASTM C117 - Materials Finer than 75-mm (No. 200) Sieve in Mineral Aggregates by Washing
- AASHTO T 27/ASTM C136 - Sieve Analysis of Fine and Coarse Aggregates

Prerequisites

- Successful completion of Concrete Field Testing Technician Course
- Advanced understanding of concrete testing, placement, and inspection
- Advanced knowledge of applicable TDOT Standard Specifications, Supplemental Specifications, Special Provisions, and Standard Operating Procedures
- Capable of performing basic mathematic operations (for example; addition, subtraction, multiplication, division, percentages, etc.)

Certification Requirements

- 1) TDOT will grant certification to those applicants who have a passing grade on the written examination. The exam is “closed book” and a minimum score of 70% is required.
- 2) Recertification is necessary every five (5) years and requires that the technician attend the class and successfully complete the written examination.

Notices

- A Valid PHOTO ID IS REQUIRED upon check-in.
- Cheating on any level WILL NOT BE TOLERATED, will result in immediate expulsion from the course, and supervisors and directors will be notified.
- The use of cell phone calculators WILL NOT be permitted during exam.