

Division of Materials and Tests
TDOT Certification:
Hot Mix Asphalt Certification Program

Course Title: Hot Mix Asphalt QA/QC Level 1: Roadway Certification Course

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Who is Required to have this Certification?

Per TDOT Specification 407.14 the following personnel are required to hold an HMA Roadway Certification:

- TDOT Operations Inspectors/Consultant CEI: A minimum of one certified technician must be present at any asphalt paving project.
- Contractor: A minimum of one employee on site for any paving project must be certified.

Additionally, TDOT Materials & Test employees conducting Independent Assurance Testing for HMA paving projects need to be certified as well.

Course Description

This three-day course is designed to provide both TDOT roadway inspectors and private contractors with a working knowledge and understanding of proper techniques for constructing Hot Mix Asphalt pavements with quality and efficiency according to TDOT specifications.

Scope of Course

The course requires a working knowledge of the following:

- TDOT Standard Specification 407 – Bituminous Plant Mix Pavements
- Project Organization and Communication
- Surface Preparation
- Hot Mix Asphalt Delivery
- Hot Mix Asphalt Placement
- Joint Construction
- Compaction

- Density, Quality Control, and Quality Assurance
- Local Issues, Troubleshooting, and Problem Solving

Prerequisites for TDOT Employees

To successfully complete this certification, employees must possess basic background knowledge of Departmental Practices, Paving, and Mathematics. All employees on a paving project are not required to have the certification; supervisors are encouraged to allow their technicians some on the job training on a paving project under the supervision of a certified HMA Roadway Technician prior to enrolling them into the class.

Employees enrolling in this class must meet the minimum requirements:

- Supervisor's approval and recommendation that employee has a basic understanding of:
 - Departmental Practices,
 - HMA paving,
 - Math including:
 - Basic Arithmetic
 - Order or Operations
 - Percentages

Certification Requirements

TDOT will grant certification only to those applicants who meet the following requirements:

- 1) Attendance of the course in its entirety
- 2) A passing grade of 70% on the three hour maximum written examination consisting of the following:
 - Multiple Choice Questions
 - Fill in the Blank Questions
 - Math Problems

NOTICES:

Cheating on any level WILL NOT BE TOLERATED and will result in immediate expulsion from the course and a notification of supervisors and directors.

The use of cell phone calculators WILL NOT be permitted during exam.

A Valid PHOTO ID IS REQUIRED upon check-in.