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:
- 6 months working with the department
- 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

**On-Line Study Guide**

[Hot Mix Asphalt Roadway Certification Study Guide](#)

**How to Register**

**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