Division of Materials and Tests
TDOT Certification:
Nuclear Gauge Field Technician

Course Title: Nuclear Gauge Field Technician

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**Who is Required to have this Certification?**

Starting in 2020 TDOT Density testing for Soil, Aggregate and Asphalt will have to be done by a certified Nuclear Gauge Field Technician.

- TDOT Operations: will be required to also complete the Radiation Safety Certification. TDOT users holding a Hot Mix Asphalt Roadway Certification, Soils & Aggregate and a Radiation Safety Certification will be grandfathered in until the expiration of their currently held Radiation Safety Certification.

- Consultant CEI: are required to obtain licensing a certification as a hazardous materials transporter under a 3rd party. Consultants holding an active Hot Mix Asphalt Roadway and a Soils & Aggregate Certification will be grandfathered in until 2021.

**Course Description**

This half-day course is designed to cover TDOT policy on the proper testing procedure for Nuclear Density Gauges as well as covering TDOT random testing for density on a project site.

**Scope of Course**

The serves as a refresher course on the following:

- Testing with a Nuclear Gauge on Soils, Aggregate, Asphalt
- Correlating a gauge to asphalt mix using a test strip.
- Lot determinations and random testing.
Prerequisites

- TDOT users must complete the Radiation Safety Course offered in the morning.

Certification Requirements

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

A passing grade of 70% on the written examination consisting of the following:

Study Guide

Nuclear Gauge Field Certification Technician

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