

**Tennessee Department of Transportation
 Division of Materials and Tests**

Field Technician Certification Requirements (SOP 1-3)

Purpose- The purpose of this document is to establish the minimum qualifications for personnel involved in the sampling and testing of materials for process control, acceptance, and assurance purposes.

Background- Federal regulations (23 CFR 637B) require that all sampling and testing used in the materials and construction acceptance process be conducted by qualified technicians.

Policy- All TDOT and Contractor Personnel must be certified in the applicable TDOT certification workshops as required in the Standard Specifications, or when otherwise required. Certification from another State Highway Department, nationally recognized institution, or other approved agency may be acceptable in lieu of the TDOT certification. Prior approval is required.

To become certified individuals must attend the classroom instruction and presentations, successfully complete the written examination, and successfully complete the sampling and testing proficiency demonstrations.

Certification Program	Required for:	Certification Valid for:	Required per:	Description of Workshop
Asphalt Roadway Paving Inspector	TDOT and Contractor paving inspectors and foreman	5 years	SS §407.14-	Classroom presentation and written exam.
Asphalt Concrete Mixture Design Technician	TDOT Verification and Contractor Mix Designers	5 years	SS §407.03(C)	Classroom presentation, laboratory/test demonstration, written exam, and proficiency demonstrations.
Asphalt Concrete Plant Technician	TDOT and Contractor Acceptance and Process Control	5 years	SS § 407.03 (D)2(c)1	Classroom presentation, laboratory/test demonstration, written exam, and proficiency demonstrations.
Class 1 Concrete Technician	TDOT and Contractor Field Acceptance and PC	5 years	SS § 501.03 SS § 604.03	Classroom presentation, test demonstration, written exam, and proficiency demonstration.
Class 2 Concrete Technician	Contractor Concrete Plant PC	5 years	SS §501.03 SS §604.03	Classroom presentation, test demonstration, written exam, and proficiency demonstration.
Class 3 Concrete Technician	Contractor Concrete Mix Design	5 years	SS §501.03 SS §604.03	Classroom presentation, test demonstration, written exam, and proficiency demonstration.
Soils and Aggregate Technician	TDOT Acceptance	5 years		Classroom presentation, test demonstration, written exam, and proficiency demonstration.
Nuclear Gauge Training	TDOT Acceptance	5 years	CL G-1	Classroom, demonstration, written exam, proficiency. Safety course required

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De-certification- The TDOT will assure all individuals that are certified continue to perform and conduct the sampling and testing requirements their certifications represent correctly. The TDOT will maintain the right, and will, revoke certifications from individuals whom,

- ◆ Improperly perform sampling, testing, or inspection of materials or workmanship to assure the acceptance or quality of such material or workmanship,
- ◆ Improperly report, or falsify, quality control, acceptance, or assurance testing data,
- ◆ Deliberately and intentionally report data that was not obtained by testing,
- ◆ Accept materials or products that are obviously of poor workmanship and non-compliant with the TDOT Specifications.

Each infraction, as listed above, will be evaluated case-by-case. The TDOT will determine the appropriate disciplinary action based on the severity, intent, type, and number of infractions. Disciplinary actions may include, written warning, verbal warning, temporary or permanent de-certification, re-examination, or others.

Also, upon successful completion of a certification course, every individual must complete the “TDOT Technician Certification Agreement” (attached) to receive their Certification cards.

Revision November 6, 2002: Included de-certification policy and Technician Certification Agreement.

Revision February 21, 2006: Changed Asphalt Plant Technician and Asphalt Mix Design Certifications from 3 years to 5 years.



Tennessee Department of Transportation
Technician Certification Agreement

I, the undersigned, acknowledge and accept that there are certain moral and ethical responsibilities as a certified technician. I acknowledge that the Tennessee Department of Transportation (TDOT) has the right to, and will, revoke any certifications I possess for improper use of such certifications. I acknowledge that my certification may be revoked for, but not limited to:

- ◆ Improperly performing sampling, testing, or inspection of materials or workmanship to assure the acceptance or quality of such material or workmanship,
- ◆ Improperly reporting or falsifying quality control, acceptance, or assurance testing data,
- ◆ Deliberately and intentionally reporting data that was not obtained by testing,
- ◆ Accepting materials or products that are obviously of poor workmanship and non-compliant with the TDOT Specifications.

I agree to perform my responsibilities in a professional, honorable, and ethical manner, and, in not doing so, will be just cause to have any certifications revoked.

Full Name (print): _____

Name (signature): _____

Social Security #: _____

Date: _____