

ALDOT-431-09

CERTIFICATION PROGRAM FOR EARTHWORK TECHNICIANS

1. Scope

- 1.1. The purpose of this program is to develop and maintain a pool of trained technicians available to the Department and Contractor. The certified technician shall be responsible for the inspection of unbound materials including embankment, subbase, subgrade, backfill, and granular base material.

2. Requirements

- 2.1. The following requirements shall be met in order to gain certification as an Earthwork Technician:
 - 2.1.1. Hold and maintain a valid radiation safety certification. If the radiation safety certification is not current, the earthwork technician will be allowed to conduct tests on the unbound materials provided that no transportation of a nuclear testing device is conducted by the technician on any public highway.
 - 2.1.2. Successful completion of a two to three day training course consisting of classroom and hands-on sessions in earthwork technology. The technician candidate shall demonstrate proper operation of a nuclear testing device and an understanding of random sampling.

3. Program Administration

3.1. Certification Board

- 3.1.1. Membership of the Certification Board shall be composed of the following:
 - 3.1.1.1. Materials and Tests Engineer (Position), Chairman.
 - 3.1.1.2. Assistant Chief Engineer (Appointed by Transportation Director).
 - 3.1.1.3. Construction Engineer (Position).
 - 3.1.1.4. Assistant Region Engineer (Appointed by Transportation Director).
 - 3.1.1.5. Industry Representative appointed by the Alabama Road Builders Association.

3.2. Working Task Force

- 3.2.1. The Membership of the Working Task Force shall be composed of the following:
 - 3.2.1.1. Soils Lab Engineer (Position).
 - 3.2.1.2. Assistant Construction Engineer Roadway (Position).
 - 3.2.1.3. Industry Representative appointed by the Alabama Road Builders Association.

4. Certification

- 4.1. Certification as Earthwork Technician is valid for three (3) years provided the radiation safety certification is maintained current.
- 4.2. Personnel meeting all the qualifications for the Earthwork Technician shall be certified upon recommendation by the Working Task Force and approval by the Certification Board.
 - 4.2.1. The request for certification shall be made in writing to the Working Task Force using form BMT-100, Application for Certification.
 - 4.2.2. The Working Task Force may allow experience and/or other education to substitute for the original classroom and hands-on training required for certification as Earthwork Technician.
- 4.3. Final certification shall be contingent upon the technician signing form BMT-105, Certified Technician Warrant.

5. Decertification

- 5.1. Abuse and/or neglect of the responsibilities of the earthwork certification will result in negative ramifications affecting the privileges of the Earthwork Technician certification.
- 5.2. Charges or accusations shall be made in writing to the Working Task Force, which shall conduct a formal investigation and submit recommendations to the Certification Board.
- 5.3. Decertification actions will be implemented upon recommendation of the Working Task Force and approval of the Certification Board.
- 5.4. Decertification actions will range from a written warning to suspension of certification.
- 5.5. Suspension will be a minimum of three months, plus three months' probation, to permanent revocation of certification.
- 5.6. Falsification of records will result in permanent revocation of certification.

6. Recertification

- 6.1. Recertification can be accomplished by one of the following methods provided the required radiation safety certification is maintained current:
 - 6.1.1. The technician may take a one (1) day refresher course (if available) to update him/her on changes in specifications and procedures.
 - 6.1.2. The Working Task Force may designate the technician as "Active" if the technician has kept pace with changes in specifications and procedures by working for the Alabama Department of Transportation or as a Consultant representing the Alabama Department of Transportation on a continuous competent basis.