**Soils and Aggregate Inspector**

**Requirements:**

ODOT Certification of Nuclear Density/Moisture Gauges and Operators

AND

NETTCP Soils And Aggregate Inspector Certification

OR

NICET Level II Construction Materials Testing- Subfield Soils

OR

NICET Level II Geotechnical Engineering Technology – Subfield Construction

**How to get training/certification:**

**ODOT Certification of Nuclear Density/Moisture Gauges and Operators**

Offered only by ODOT see Office of Construction Management’s web page for further information

[http://www.dot.state.oh.us/Divisions/ConstructionMgt/Pages/default.aspx](https://www.dot.state.oh.us/Divisions/ConstructionMgt/Pages/default.aspx)

**NorthEast Transportation Training And Certification Program (NETTCP)**

Complete NETTCP information can be found at: <http://www.nettcp.com>

NETTCP has established the following criteria for certification:

* Meet appropriate prerequisites
  + High school diploma or GED
  + Current nuclear density gauge certification
  + Recommended work experience
  + Supervisor’s verification of work experience
* Attend the three day Soils and Aggregate Inspector Certification Course
* Successful performance on a written exam and a performance exam

Course and Testing Process

The course and examinations are provided regionally across Ohio and generally during the winter and early spring months. Training locations and dates are available from the website. The course provides training in the performance of field and laboratory sampling and testing procedures of soils and aggregates, and construction inspection practices. The testing includes a written exam on the course materials, and a performance exam on three test methods.

Recertification

Certifications are good for five years. At the end of each five year period, the recertification applicant must complete a two-day review course and pass the written and performance exams.

**National Institute for Certification in Engineering Technologies (NICET)**

Complete NICET Information can be found at: <http://www.nicet.org>

NICET has established the following criteria for certification:

* Sufficient appropriate work experience
  + Work History Form - a detailed description of responsibilities and job tasks for each position held
* Successful performance on a written exam based on job tasks
* Supervisor verification of job task competency
  + Work Element Verification Form - supervisor attests that he or she has witnessed performance of that work element's tasks repeatedly and competently

***Soils and Aggregate Inspectors*** – must meet the requirements of:

**Construction Materials Testing, Soils, Level II** by demonstrating at least two years of relevant experience and passing 4 general and 8 special Level I work element tests and 4 general and 10 special Level II tests.

**OR**

**Geotechnical Engineering Technology, Construction, Level II** by demonstrating at least two years of relevant experience and passing 8 general and 4 special Level I work element tests and 12 general and 6 special Level II tests.

Testing Process

Examination tests are provided at four locations in Ohio and generally every four months at each location. Exam test centers and exam dates are available from the website.

Currently the tests are paper and pencil format but are being transitioned to computer based testing. The tests are made up of multiple-choice questions, designed to be answered with little difficulty by those who regularly perform the tasks within the covered areas.

Recertification

Certifications are good for three years. At the end of each 3-year period, an applicant must document 90 points of continuing professional development activities (e.g., points for each month worked, various options of training, participation in professional programs, etc.).