



NATIONAL
SOCIETY OF
PROFESSIONAL
ENGINEERS



M-TRAC

Big Rapids, Michigan
July 24, 2025

National Institute for Certification in Engineering Technologies

The NICET Update



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NATIONAL
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45,400 Active Certifications

172,571 Certifications Issued To Date

15,000+ Tests Annually

We Provide:

- Nationally-applicable, career track, voluntary certification programs.
- **Independent 3rd Party Certification** - no training provided.

**Founded in
1961**



**Division of
NSPE**



**Not for
Profit**



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NICET Certifications

Civil Engineering Technology

(Subject Matter Expert (SME) Recruitment ongoing for program updates)

❖ **Construction Materials Testing** (with **optional** Performance Examinations)

❖ [Asphalt](#)

❖ [Concrete](#)

❖ [Soils](#)

❖ **Transportation Construction Inspection**

❖ [Highway Construction Inspection](#) – currently being updated & expected to be launched in early 2026

Electrical & Mechanical Engineering Technology

❖ Electrical Power Testing

❖ Fire Protection Systems (five programs – US & International)

❖ In-Building Public Safety Communications



Certification Exam Updates

- Highway Construction Inspection – expected launch early 2026
- Electrical Power Systems – expected launch in 2026
- Construction Materials Testing – Soils, Concrete and Asphalt – feasibility study beginning late 2025



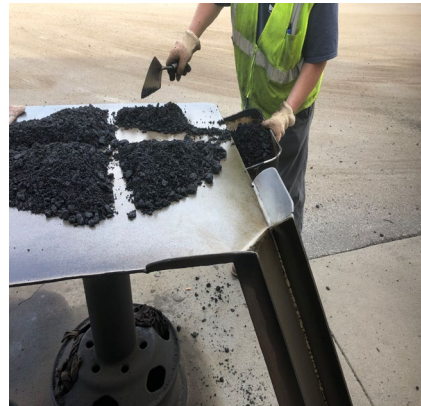
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The 'Optional' Performance Examinations

Two Year Pilot 72 ASTM and/or AASHTO Test Methods

- ❖ - Asphalt
- ❖ - Concrete
- ❖ - Soils
- ❖ - Aggregates





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In Review

❖ Candidate Portal

- Candidate CBT Registration, Test Management, and Work Experience Documentation
- Candidate Portal For Access To Testing, Certification & Recertification Activities & History
- Communication, Administrative & Financial Reporting

❖ Workforce Development .. A Pipeline ... for Highway Construction Inspectors

- OHIO DOT, ACEC, Community Colleges (Columbus State, Stark State ...)
 - ✓ Tailored Community College Education
 - ✓ DOT/Consultant Field Experience Internship (20 Months)
 - ✓ NICET II Certification
- NICET is working with Origin Design (IL and IA) to develop a program with three local colleges.

❖ Remotely Proctored Exams

- All level I exams are now available for remotely proctored testing.

❖ Launch of the NICET 'Digital Credential & Badging' (Accredible)

- Digital credentials were also integrated with candidate management system.





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Call for Subject Matter Experts (SMEs) to Participate in NICET's Program Update(s)

- Highway Construction Inspection (HCI)
- Construction Material testing (CMT)

If you are interested in participating as an SME:

send an email to tech@nicet.org (indicate name, program/level, contact info)

OR

fill out this form (<https://keap.page/io172/nicet-sme-interest-form.html>)

Volunteer as a SME and earn CPD points



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Thank You!





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