



Program Information

This certification program is intended for engineering technicians working in the fire alarm industry who engage in a combination of the following fire alarm systems activities: installation, layout, and maintenance.

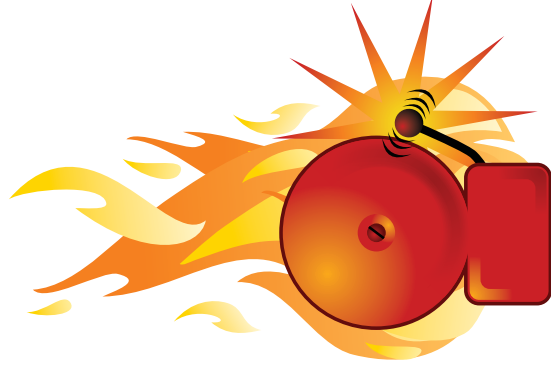
Certification is awarded to individuals who meet a set of industry-specified requirements. The criteria fall in two main categories: written exams and work experience, each of which has a separate application process and fee.

Value of Certification

Holding NICET certification, a nationally-recognized certification, is known to:

- Increase professional stature.
- Increase job advancement opportunities.
- Provide additional responsibilities and/or accelerated entry into new job assignments.
- Increase assignments where NICET certification is a requirement.
- Serve as a marketable credential to employers, prospective employers and/or clients.

The National Institute for Certification in Engineering Technologies (NICET), a division of the National Society of Professional Engineers (NSPE), provides an independent and rigorous evaluation of knowledge and experience of individuals in the fields of engineering technology. Founded in 1961, NICET serves as a respected authority in many technical fields, and has certified more than 130,000 technicians and technologists.



Fire Protection

Fire Alarm Systems

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Content Outline Summary

The content outline summary is intended to illustrate the major responsibilities, tasks, knowledge, and skills associated with each level of certification.

Level I

- 1.1 Installation Tasks (77 - 82%)
- 1.2 Maintenance Tasks (18 - 23%)

Level II

- 2.1 Submittal Preparation and Layout Tasks (15-20%)
- 2.2 Installation Tasks (44-49%)
- 2.3 Maintenance Tasks (21-26%)
- 2.4 Management and Supervision Tasks (10-15%)

Level III

- 3.1 Submittal Preparation and Layout Tasks (23-28%)
- 3.2 Installation Tasks (28-33%)
- 3.3 Maintenance Tasks (15-20%)
- 3.4 Education/Communication Tasks (5-10%)
- 3.5 Management and Supervision Tasks (17-22%)

Level IV

- 4.1 Submittal Preparation and Layout Tasks (23-28%)
- 4.2 Installation Tasks (22-27%)
- 4.3 Maintenance Tasks (13-18%)
- 4.4 Education/Communication Tasks (12-17%)
- 4.5 Management and Supervision Tasks (17-22%)



Certification Requirements

Level I

Examination: Pass the Level I exam.

Performance Verification: Obtain supervisor verification of all Level I Performance Measures.

Work History: Provide complete, detailed position descriptions and time allocations showing a minimum of 3 months of technical experience with fire detection and signaling systems.

Personal Recommendation: Not required.

Major Project: Not required.

Level II

Examination: Pass the Levels I and II exams.

Performance Verification: Obtain supervisor verification of all Level I and II Performance Measures.

Work History: Provide complete, detailed position descriptions and time allocations showing a minimum of 2 years of fire detection and signaling systems experience.

Personal Recommendation: Not required.

Major Project: Not required.

Level III

Examination: Pass the Levels I, II and III exams.

Performance Verification: Obtain supervisor verification of all Level I, II, and III Performance Measures.

Work History: Provide complete, detailed position descriptions and time allocations showing the minimum for Level II, PLUS 3 additional years (for a total of 5 years) of fire detection and signaling systems experience.

Personal Recommendation: Obtain recommendation ratings showing a capacity for independent engineering technician responsibilities.
Major Project: Not required.

Level IV

Examination: Pass the Levels I, II, III, and IV exams.

Performance Verification: Obtain supervisor verification of all Level I, II, III, and IV Performance Measures.

Work History: Provide complete, detailed position descriptions and time allocations showing the minimum for Level III, PLUS 5 additional years (for a total of 10 years) of fire detection and signaling systems experience.

Personal Recommendation: Obtain recommendation ratings showing a capacity for senior engineering technician responsibilities.

Major Project: Provide a detailed description of a major project and your role in it showing senior responsibility for a fire alarm system project of substantial complexity.

"...NICET plays a critical role in helping SimplexGrinnell provide the high-quality protection our customers expect and deserve." Bruce Fraser, Director, Industry Relations, SimplexGrinnell