



Fire Alarm Systems Certification

Level III Content Outline

Engineering Technician

The candidates for NICET certification at Level III in Fire Alarm Systems should have the knowledge, experience and basic skills needed to work in the industry. Working independently without supervision, they can interpret codes, standards, and specifications to produce fire alarm system shop drawings. They perform fire alarm system layout activities, supervise Level I and II technicians, provide submittal packages, and interact with AHJs. Level III technicians have at least 5 years of experience in fire alarm systems.

3.1 Installation

(Questions related to these tasks make up 23-33% of the exam.)

3.1.1 Supervise projects. 1, 2, 3, 4, 5, 8, 12, 14, 15

3.1.2 Compile as-builts and other documents. 2, 4, 7

3.1.3 Oversee system commissioning. 2, 4

3.2 Maintenance

(Questions related to these tasks make up 18-28% of the exam.)

3.2.1 Manage periodic testing. 2

3.2.2 Resolve impairments/deficiencies. 1, 2, 4, 7

3.2.3 Prepare documentation and records. 2, 4

3.3 Submittal Preparation and System Layout

(Questions related to these tasks make up 25-35% of the exam.)

3.3.1 Prepare and approve shop drawings. 1, 2, 3, 4, 5, 7, 8, 14, 15

3.4 Management and Supervision

(Questions related to these tasks make up 14-24% of the exam.)

3.4.1 Supervise work activities. 1, 2, 4, 6, 9, 10, 11, 12, 13, 14

3.4.2 Supervise team members. 2, 8, 12

October 1, 2018

footnote number is linked to a reference on the Selected General References listing