



Fire Alarm Systems Certification

Level II Content Outline

Associate Engineering Technician

The candidates for NICET certification at Level II in Fire Alarm Systems should have the knowledge, experience and basic skills needed to work in the industry. Under limited supervision, they perform routine job tasks. They can review drawings, specifications, codes, and standards. They may conduct basic installation activities, perform basic troubleshooting, or prepare technical or sales documents. Level II technicians have at least 2 years of experience in fire alarm systems.

2.1 Installation

(Questions related to these tasks make up 36-46% of the exam.)

- 2.1.1 Develop work plans based upon field conditions. 1, 2, 5, 23, 24, 26
- 2.1.2 Install fire alarm infrastructures. 1, 2, 3, 12, 19, 28
- 2.1.3 Install fire alarm components. 1, 2, 7, 10, 11, 18
- 2.1.4 Perform system commissioning. 1, 8, 28

2.2 Maintenance

(Questions related to these tasks make up 21-31% of the exam.)

- 2.2.1 Perform periodic testing. 2
- 2.2.2 Correct impairments/deficiencies. 1, 2, 9, 11, 15, 28, 29
- 2.2.3 Maintain documentation. 2

2.3 Submittal Preparation and System Layout

(Questions related to these tasks make up 13-23% of the exam.)

- 2.3.1 Assemble project information for shop drawings. 2, 3, 5, 11, 14, 20, 30
- 2.3.2 Survey site conditions to verify that they support the requirements of the fire alarm system design and layout. 1, 2, 3, 8, 16
- 2.3.3 Prepare basic technical drawings. 2, 15, 28
- 2.3.4 Determine power supply and loading requirements for fire alarm systems. 2, 24

2.4 Management and Supervision

(Questions related to these tasks make up 10-20% of the exam.)

- 2.4.1 Coordinate work activities. 1, 2, 4, 5, 6, 8, 13, 17, 21, 22, 23, 24, 25, 27

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