



# Inspection and Testing of Fire Alarm Systems Certification

## Level II Content Outline

*The candidate for NICET certification at Level II in Inspection and Testing of Fire Alarm Systems should have the knowledge and experience to:*

Plan, perform, and coordinate periodic inspections and tests of complex\* fire alarm systems and prepare related records and reports.

*\*Complex systems may include, but are not limited to, one or more of the following: suppression interfaces, networked control units, smoke control interfaces, air sampling systems, multi-zone voice evacuation systems, and/or high-rise applications.*

*Note: While other resources should be used as appropriate, the primary authoritative source for procedures and standards for this work is NFPA 72.*

### 2.1 Plan and Coordinate Work

- 2.1.1 Determine the scope of an inspection assignment involving interfaces with other systems.
- 2.1.2 Survey a system to identify types of devices, fire alarm system interfaces, potential problems, and existing documentation.
- 2.1.3 Determine the presence of other fire protection and building systems, and device locations.
- 2.1.4 Coordinate inspection and testing with the owner prior to and during the inspection.
- 2.1.5 Coordinate testing with other trades and specialties as needed.
- 2.1.6 Identify, read, and interpret the appropriate codes and standards for the inspection assignment.
- 2.1.7 Issue testing notifications as needed.
- 2.1.8 Restore the system.
- 2.1.9 Identify and file system-appropriate documentation and reports.

### 2.2 Inspect Interfaces and Specialized Equipment

- 2.2.1 Inspect elevator shutdown interfaces.
- 2.2.2 Inspect smoke control system interfaces.
- 2.2.3 Inspect interfaces with suppression and pre-action systems.
- 2.2.4 Inspect emergency communication systems equipment.
- 2.2.5 Inspect specialized detection equipment.
- 2.2.6 Inspect networked control equipment.

### 2.3 Test Functionality of Specialized and Interfaced Equipment

- 2.3.1 Test elevator shutdown activation.
- 2.3.2 Test smoke control system interfaces.
- 2.3.3 Test interfaces with suppression and pre-action systems.
- 2.3.4 Test emergency communication systems equipment.
- 2.3.5 Test specialized detection equipment.
- 2.3.6 Test networked control equipment.