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

Perform periodic inspections and tests of basic* fire alarm systems and prepare related records and reports.

*Basic fire alarm systems do NOT include the following: suppression interfaces, networked control units, smoke control interface, aspirating systems, multi-zone voice evacuation systems, high-rise applications, and job planning; but MAY include elements such as door releases, elevator recall, local duct detectors, local air handler shutdown, single-zone voice evacuation, etc.

1.1 Plan and Coordinate Work
(Questions related to these tasks make up 24-34% of the exam.)
1.1.1 Determine the number, type, and location of devices to be inspected and/or tested.
1.1.2 Coordinate with the owner/building manager during inspection and testing.
1.1.3 Identify and apply the appropriate inspection and testing requirements for the job.
1.1.4 Issue notifications of testing as needed.
1.1.5 Identify impairments and issue appropriate notifications.
1.1.6 Restore the system.
1.1.7 File documentation and reports.

1.2 Inspect Equipment
(Questions related to these tasks make up 24-34% of the exam.)
1.2.1 Inspect system control units.
1.2.2 Inspect system power supplies, wiring, and connections.
1.2.3 Inspect initiating devices.
1.2.4 Inspect notification appliances.
1.2.5 Inspect equipment for off-premises signaling.
1.2.6 Inspect signal wiring and connections.

1.3 Test Functionality
(Questions related to these tasks make up 34-44% of the exam.)
1.3.1 Test functionality of system control units.
1.3.2 Test functionality of power supplies.
1.3.3 Test functionality of initiating devices and circuits.
1.3.4 Test functionality of notification appliances and circuits.
1.3.5 Test functionality of equipment and circuits for off-premises signaling.
1.3.6 Test functionality of basic interfaces.
1.3.7 Manually measure sensitivity of detectors (without accessing site-specific programming).

1.4 Maintain Devices
(Questions related to these tasks make up 5-13% of the exam.)
1.4.1 Replace batteries as needed.
1.4.2 Replace devices as needed.
1.4.3 Clean devices as needed.