



Profile: Fire Alarm Systems Technician (Vers. 1)

	Level I	Level II	Level III	Level IV
Education/Knowledge	Formal education not required but educational experiences at least equivalent to a high school diploma are expected.	Minimum expected for Level I, with coursework or other experiences that develop knowledge of algebra, basic electronic and electrical concepts, business and technical English, and published technical codes and standards.	Minimum expected for Level II, with coursework or other experiences that develop a broad knowledge of fire alarm technologies and related general construction practices.	Minimum expected for Level III, with coursework or other experiences that develop expert knowledge of fire alarm technologies, other related systems, regulatory and contractual requirements.
Minimum Work Experience	A minimum of 3 months of fire detection and signaling experience.	Level I certification and a minimum of two years of fire detection and signaling systems experience. (Notes 1 & 2)	Level II certification and a minimum 5 years fire detection and signaling systems experience that must consist of layout, installation, maintenance and testing. (Notes 1 & 2)	Level III certification and a minimum 10 years fire detection and signaling systems experience that must consist of layout, installation, maintenance and testing, including at least 3 years of project management, with demonstrated responsibility for a major project(s). (Notes 1 & 2)
Level of Responsibility	None. Generally works under technical oversight of others.	Work under general supervision. Performs tasks under routine circumstances without immediate supervision. May have limited supervisory responsibilities.	Work without technical supervision. May have broad supervisory responsibilities.	Provide the lead role for single or multiple fire detection and signaling system installations, including project development and management.
Typical Acquired Competencies Include	Assist in basic fire detection and signaling applications. Knowledge of related professional organizations	In addition to Level I competencies, demonstrate working knowledge of core competencies of fire detection and signaling systems. Participate in related professional activities.	In addition to Level II competencies, demonstrate advanced knowledge of core competencies of fire detection and signaling systems. Collaborate with project stakeholders. Actively participate in related professional activities.	In addition to Level III competencies, demonstrate expert knowledge of fire detection and signaling systems. Promote industry development and professional organizations.

Note 1: An Electronics Associates Degree from an ABET accredited program may be substituted for 18 months of work experience.

Note 2: One year of the work experience in this subfield must have been acquired within the three -year period prior to the date the certification at this level is awarded.

