



In-Building Public Safety Communications Certification

Level I Content Outline

Technician Trainee

The candidates for NICET certification at Level I in In-Building Public Safety Communications should have the knowledge, experience, and basic skills needed to work in the industry. Under the direct supervision of a qualified technician, they apply fundamental radio frequency knowledge to install passive and active equipment per system design and manufacturer specifications. Level I technicians have at least 6 months of experience in in-building public safety communications.

1.1 Performing Rough Installation Activities

(Questions related to these tasks make up 50-60% of the exam.)

- 1.1.1 Read and follow RF system installation documentation. 1, 3, 4, 6
- 1.1.2 Install cable (e.g., support, fire stopping, grounding, etc.). 1, 2, 5, 8, 9
- 1.1.3 Terminate cable. 1, 2, 3, 5, 6
- 1.1.4 Install passive equipment. 1, 2, 3, 4, 5

1.2 Performing Finish and Trim Out Installation Activities

(Questions related to these tasks make up 40-50% of the exam.)

- 1.2.1 Install donor antenna. 1, 2, 3, 4, 5
- 1.2.2 Install active equipment. 1, 2, 4, 7
- 1.2.3 Install dedicated annunciator. 1, 4
- 1.2.4 Install battery backup (BBU). 1, 2, 4, 10, 11

November 2024 footnote number is linked to a reference on the Selected General References listing