



FIRE MARSHAL TRAINING

ATTN: Fire Marshals, Building Officials, Design Professionals, & Facility Managers
Check out this [FREE](#) virtual training opportunity.

Emergency Responder Radio Coverage in Buildings Design, Installation and Testing (Part A)

(3 hours/0.3 CEUs)

Communication is a fundamental requirement of effective emergency operations in all fire, police, and EMS incidents. South Carolina Fire Code (SCFC) Chapters 510 and 1103.2 are intended to ensure that radio communications are maintained inside of buildings when construction materials or building elements would otherwise impede it. As an AHJ, understanding the design, installation and testing requirements are the key to ensuring the system meets the needs of the jurisdiction.

This course will be led by a collection of industry partners and vendors who are experienced at installing in-building communication systems for first responder radio coverage in South Carolina and beyond. The course will cover the following topics:

- Overview of system architecture, functionality, and hardware
- Explanation of cable types and installation processes
- Code requirements and testing regimens
- Explanation of testing equipment, process, results and interpretation
- Examples of tests, best practices and recommendations
- Discussion of SC License Holder requirements

Thank you to the following partners for participating in this training:



Select date for Quarterly Fire Marshal Training "Part A" Registration - Course Code 8595

[Tuesday, Oct. 12 at 1 p.m.](#)

[Tuesday, Oct. 26 at 9 a.m.](#)

Quarterly Fire Marshal Training "Part B" Registration - Course Code 8596

[Dates to be determined and advertised separately in the near future.](#)

Notice: Registration is available on the Fire Portal and linked through the above dates. The ability to attend by video conference is required (no phone-in only option). A valid email address is required at time of registration. A class link and login instructions will be provided 24/48 hours prior to the event. SC School District personnel may use FDID 47057 when registering. Response to attendance check surveys are required for course credit.

Questions? Contact [Chief Nathan Ellis](#)

FOURTH QUARTER - 2021





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Emergency Responder Radio Coverage in Buildings Design, Installation and Testing (Part B)

(3 hours/0.3 CEUs)

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This course will be led by a collection of industry partners and vendors who are experienced at installing in-building communication systems for first responder radio coverage in South Carolina and beyond. The course will cover the following topics:

- FCC Overview
- Review of IFC 510.5.4 and FCC Section 47 CFR 90.219
- DAQ & RSSI Testing Requirements -The Why
- Examples of Executed Tests, Best Practices and Recommendations
- Overview of system architecture, functionality, and hardware
- Explanation of cable types and installation process
- Discussion of SC License Holder requirements

Thank you to the following partners for participating in this training:



Select date for Quarterly Fire Marshal Training "Part B" Registration - Course Code 8596

[Wednesday, November 17 at 1 p.m.](#)

[Wednesday, December 1 at 1 p.m.](#)

Notice: Registration is available on the Fire Portal and linked through the above dates. The ability to attend by video conference is required (no phone-in only option). A valid email address is required at time of registration. A class link and login instructions will be provided 24/48 hours prior to the event. SC School District personnel may use FDID 47057 when registering. Response to attendance check surveys are required for course credit.

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FOURTH QUARTER - 2021