



FIRE ALARMS - IN A DAYS WORK

If you specify, sell, install, review, inspect, or are involved with fire alarm systems, this seminar is for you!

WHAT IS COVERED:

This course covers a lot of criteria common to a days work. The course is developed around some of the most common deficiencies frequently identified during reviews of engineering bid drawings, shop drawings, inspections, and commissioning. Such as:

- Engineers responsibilities for bid documents, shop drawings, inspections.
- Designer/Installer/Plan Reviewer qualifications
- Conventional vs. Addressable
- Circuit and pathway survivability (new criteria)
- Notification appliances and spacing
- Audibility including wattage impacts, dB loss from distance, loss through walls.
- Intelligibility incorporating speaker type, spacing, wattage, quantity, message quality, content.
- Detection devices
- Voltage drop calculations
- Mass Notification Systems
- Risk Analysis & Emergency Response Plans
- Fireman's phone, area of refuge, stairway communications (now regulated by NFPA 72).
- And more

Due to time limitations, some items are touched on briefly, while other items are covered in more detail. Based around 2013/2016 edition, but applicable to other editions.

WHO SHOULD ATTEND:

Engineers preparing bid documents, building & fire department reviewers, designers, installers, code enforcers, electrical inspectors, architects, system sales representatives, fire inspectors, commissioning agents, facility maintenance staff, general contractors, project managers, and others.

Some Testimonials:

"Great class is a must for Building Code Departments."
Mitch Dringman - Building Official, City of Prairie Village, KS

"I really enjoyed this class. I gained a lot of knowledge, even in areas that I am very familiar. I would definitely recommend this class and will absolutely be in future classes." Jeff Birdsall, Managing Partner, Design Technologies

More on web site

WHO IS CSA:

CSA has been evaluating contractor qualifications since 2002. We help AHJ's and specifiers enforce code requirements for qualified installers by offering daily assessments at hundreds of proctored locations around the U.S. Visit our web site for more information.

CONTINUING EDUCATION UNITS:

This course is approved by ICC for 0.7 CEU's. Course # 1302. Certificates will be provided at seminar.



LOCATIONS AND DATES:

Visit web site for upcoming location and dates.

Some previous sponsors include:

- Phoenix Fire Department
- Iowa Fire Marshal's Association
- Windsor Severance Fire Rescue
- Nebraska Association of Alarm Contractors
- Arizona Chapter of AFAA
- Boise Fire Department
- Spokane Fire Department
- Billings Fire Department
- Colorado Springs Fire Department
- Northwest Fire District, Tucson, AZ
- Idaho National Labs

All classes are 8am to 5pm

REGISTER ON-LINE

Register at www.CSAexams.com

Typical Fees \$170 per student (\$140 for AHJ's)

Late registration within 10 days \$200 (\$170 AHJ)

See web site for details

Payments made on-line Visa/MC

See terms on web site for payment by check.

Course is presented by
Compliance Services & Assessments, LC

Course instructor is a registered Fire Protection Engineer, NFPA committee member, former AHJ / fire fighter. See website for details.

If you would like to host / sponsor a course, give us a call.

Terms including dates, fees, & locations are subject to change. Minimum participation required. Registered participants will be notified.

On-line training courses also available. Visit www.CSAexams.com for links and discount codes.

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