

SPONSORED BY:



California Automatic Fire Alarm Association

**Understanding NFPA 72 – 2010 Edition
National Fire Alarm Signaling Code**

January 24th, 2012

Fire Alarm System Testing and Inspection

January 25th, 2012

Fire Alarm Plan Review

January 26th, 2012

Hosted by: BREA FIRE DEPARTMENT

Brea, CA

**UNDERSTANDING NFPA 72 – 2010 EDITION, NATIONAL FIRE ALARM SIGNALING
CODE – seminar content**

- Review how to use the document.
- Concentration on the new and expanded chapters.
- Where did it go?
- Where did they put it?
- Plenty of time for questions and answers.

COURSE OBJECTIVES

Upon completion of this seminar, each participant will be familiar enough to navigate this expanded document.
7 Contact Hours Continuing Education – Participant must attend entire seminar to receive the credit.

WHO SHOULD ATTEND

- Fire alarm system designers
- Fire and Building Officials involved in witnessing Acceptance and Reacceptance Tests
- Personnel performing Acceptance and Reacceptance Tests
- Personnel performing Periodic Tests and Inspections

MATERIAL PROVIDED

Student workbook. *****Students should bring their NFPA 72 – 2010 Edition, National Fire Alarm Signaling Code*****

WHAT DOES IT COST?

CAFAA members, AFAA members, their employees & all government employees.....	\$199 ea.
3 or more attendees.....	\$179 ea.
Non-members.....	\$249 ea.
3 or more attendees.....	\$224 ea.

Registration fee includes coffee, donuts, soft drinks, lunch, and a student workbook
Instructor: Bill Hopple, CAFAA Board Director

FIRE ALARM SYSTEM TESTING AND INSPECTIONS - seminar content

Why Test and Inspect?

- Enforcement of Requirements
- 'Selling' Testing and Inspections to the Owner
- Testing Requirements
- Acceptance Testing
- Reacceptance Testing
- Periodic Testing
- Documentation

Visual Inspection

- How to Conduct a Visual Inspection
- Documentation

Functional Testing

- How to Conduct Functional Tests
- Using a Checklist
- Sensitivity Testing

COURSE OBJECTIVES

Upon completion of this seminar, each participant will be able to apply the proper inspection and testing requirements of NFPA 72, National Fire Alarm Signaling Code, Chapter 14

7 Contact Hours Continuing Education – Participant must attend entire seminar to receive credit

WHO SHOULD ATTEND

- Fire and Building Officials involved in witnessing Acceptance and Reacceptance Tests
- Installers performing Acceptance and Reacceptance Tests
- Technicians performing Periodic Tests and Inspections

MATERIAL PROVIDED

Student workbook.

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FIRE ALARM PLAN REVIEW - seminar content

- Common Problems with the Plan Review Process
- How to Perform Voltage Drop Calculations
- How to Determine Proper Audibility Before Appliances are Installed
- How to Determine Proper Strobe Intensity and Placement
- Suggestions for Conditional Requirement Stamps on Approved Plans
- How to Perform Battery Calculations
- How to Space Detectors
- Suggestions for Consistent Submittals
- Suggestions for Pre-Plan Review Checklist
- Suggestions for Acceptance Test Checklists

COURSE OBJECTIVES

In this seminar, each participant will apply formulas to perform battery and voltage drop calculations, select proper notification appliance for particular applications and apply proper smoke detector spacing. The participant will be able to list the 12 items required for fire alarm plan submittals and discuss methods to improve the plan review process.

7 Contact Hours Continuing Education – Participant must attend entire seminar to receive credit

WHO SHOULD ATTEND

- Fire and Building Officials involved in Plan Review
- Fire Alarm Contractors Submitting for Plan Review
- Fire Alarm System Designers

MATERIAL PROVIDED

Student workbook and compass

Student should bring a calculator, a pencil and an eraser

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Non-members....\$249 each / 3 or more...\$224 each

() ALL THREE SEMINARS

CAFAA/AFAA members and government
employees....\$597 each / 3 or more.....\$537 each
Non-members...\$747 each / 3 or more..\$672 each

WHERE:

**Brea Fire Department Training Room
1 Civic Center Circle
(corner of S. Randolph & E. Birch)
Brea, CA 92821-5792**

**MAKE CHECKS PAYABLE TO/SEND CHECK and/or
REGISTRATION FORM TO:**

**California Automatic Fire Alarm Assn.
PO Box 1459
Fremont, CA 94538-0013**

FAX REGISTRATION TO:

(888)607-5959

Full payment is required prior to attending the seminar. You can pay online at www.cafaa.com through our secure server. Registration is not complete until the registration form is mailed or brought to the seminar.

MASTERCARD-AMEX-VISA accepted

REGISTRATION FORM:

Please check one: () CAFAA / AFAA member () Non-member
or government employee

Please type or print:

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Cancellation and refund policy: a full refund of the seminar registration fee may be obtained provided CAFAA receives written notification at least 7 days prior to the start of the seminar. All other cancellations will be subject to a minimum \$25-\$100 cancellation fee. "No-shows" are ineligible for refunds. Special circumstances will be evaluated on a case-by-case basis. CAFAA seminars are subject to cancellation when pre-registration falls below the minimum number of 20 attendees. CAFAA cannot be responsible for losses resulting from cancellation of any seminar.