

SPONSORED BY:



**CALIFORNIA
AUTOMATIC FIRE ALARM ASSOCIATION**

Fire Alarm Plan Review Seminar

August 25th, 2009

Basic Fire Alarm Seminar

August 26th, 2009

Understanding IBC Fire Alarm Requirements Seminar

August 27th, 2009

San Francisco Fire Department

Division of Training

2310 Folsom

San Francisco, CA 94110

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. They 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 WE PROVIDE

Student workbook and compass

MATERIAL YOU PROVIDE

Calculator, pencil and eraser

WHAT DOES IT COST?

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

Registration fee includes coffee, lunch, and a student workbook.

Instructor: Michael Baker, SET - AFAA Training Director

AUTOMATIC FIRE DETECTION AND FIRE ALARM SYSTEMS

- Fire Alarm System Fundamentals
- Initiating Devices
- Notification Appliances
- NEC Electrical Requirements
- Ohm's Law
- Battery-set Calculation
- Voltage-drop calculations
- Sprinkler system alarm and supervisory service
- Fire Safety Control Functions
- Inspection, Testing, and Maintenance

COURSE OBJECTIVES

Upon completion of this basic fire alarm seminar, participants will be able to apply the proper installation, inspection, and testing methods required by the NFPA 72, *National Fire Alarm Code*.

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

WHO SHOULD ATTEND

- Fire and Building Officials
- Technicians
- Installers
- Sales and Service Personnel

MATERIAL PROVIDED

Student workbook

WHAT DOES IT COST?

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

Registration fee includes coffee, lunch, and a student workbook.

Instructor: Michael Baker, SET - AFAA Training Director

UNDERSTANDING IBC FIRE ALARM REQUIREMENTS COURSE CONTENT

- ◆ Code and Standards
- ◆ General Fire Alarm Requirements
- ◆ Specific Fire Requirements by Occupancy
- ◆ Understanding the Structure of the International Building Code (IBC)
- ◆ Practice Exercises

COURSE OBJECTIVES

Upon completion of this seminar, each participant will be able to list the fire alarm requirements of the International Building Code by occupancy use group.

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

RECOMMENDED PREREQUISITES

- ◆ Basic knowledge of Building and Fire Code Requirements for Fire Alarms

MATERIAL PROVIDED

- ◆ Student workbook

NOTE: You must bring your IBC-2006 or order a copy from us.

WHAT DOES IT COST?

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

Registration fee includes coffee, lunch, and a student workbook/reference manual

Instructor: Michael Baker, SET - AFAA Training Director

Choose the seminar(s) you wish to attend:

Fire Alarm Plan Review
August 25th, 2009, 8 am to 4 pm

CAFAA members, AFAA members and
government employees.....\$199 each
3 or more.....\$179 each
Non-members.....\$249 each
3 or more.....\$224 each

Automatic Smoke Fire Detection
August 26th, 2009, 8 am to 4 pm

CAFAA members, AFAA members and
government employees.....\$199 each
3 or more.....\$179 each
Non-members.....\$249 each
3 or more.....\$224 each

Understanding IBC 2006
August 27th, 2009, 8 am to 4 pm

CAFAA members, AFAA members and
government employees.....\$199 each
3 or more.....\$179 each
Non-members.....\$249 each
3 or more.....\$224 each

Yes, I want to order the IBC- 2006 (member price \$70 non-member price \$78)

**I plan to attend all three seminars – CAFAA members, AFAA members & all gov't employees \$597 each / 3 or more \$537 each
Non-members.....\$747 each / 3 or more \$672 each**

WHERE:

**San Francisco Fire Department
Division of Training
2310 Folsom
San Francisco, CA 94110**

The registration fee includes coffee, lunch,
and course material.

➤ **Please make all checks payable to:**
**California Automatic Fire Alarm
Association
P.O. Box 2538
Huntington Beach, CA 92647
888-607-5959**

**Full payment is required prior to
attending the seminar.
You can pay online at www.cafaa.com
through our secure server! You will still
need to send in the registration form.**



REGISTRATION FORM

Please check one: CAFAA member, AFAA member
or government employee Non-member

Please type or print:

Organization _____

Street Address _____

City _____ State _____ Zip _____

Telephone (_____) _____ Fax (_____) _____

➤ **Credit card payments**, proceed to www.cafaa.com, click on "Training", then click on the
PayPal scroll on the right across from your selected class. You do not need a PayPal ID
or password, just fill in your credit card information, call (714) 847-7155 for assistance.

Attendee(s) Name _____ E-mail _____

Name _____ E-mail _____

Name _____ E-mail _____

Name _____ E-mail _____

**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 to \$100 cancellation fee. "No-shows" are
ineligible for refunds. Special circumstances will be handled on a case by case basis. AFAA
seminars are subject to cancellation when pre-registration fall below the minimum number of 20
attendees. AFAA cannot be responsible for losses resulting from cancellation of any seminar.**