

SPONSORED BY:



**CALIFORNIA  
AUTOMATIC FIRE ALARM ASSOCIATION**

**Fire Alarm System Testing and Inspection**

December 8<sup>th</sup>, 2009

**Fire Alarm Plan Review Seminar**

December 9<sup>th</sup>, 2009

**Understanding NFPA 101, *Life Safety Code*,  
Fire Alarm Requirements Seminar**

December 10<sup>th</sup>, 2009

**Contra Costa County Fire Protection District**

**Training Facility, 2945 Treat Blvd.**

**Concord, CA 94518**

# 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 Tests

- 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 Code, Chapter 10.

6 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

## 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

## 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

## UNDERSTANDING NFPA 101 FIRE ALARM REQUIREMENTS COURSE CONTENT

- ◆ Codes and Standards
- ◆ General Fire Alarm Requirements
- ◆ Specific Fire Requirements by Occupancy
- ◆ Understanding the Structure of NFPA 101, *Life Safety Code*
- ◆ Practice Exercises

### COURSE OBJECTIVES

Upon completion of this seminar, each participant will be able to list the fire alarm requirements of NFPA 101, *Life Safety Code*, by occupancy and 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 NFPA 101-2006 or purchase a copy from us.**

### 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

**Choose the seminar(s) you wish to attend:**

**Fire Alarm Testing & Inspection**  
Dec. 8<sup>th</sup>, 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

**Fire Alarm Plan Review**  
Dec. 9<sup>th</sup>, 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 NFPA 101**  
Dec. 10<sup>th</sup>, 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 \$88 non-member price \$97)**

**Yes, I want to order the NFPA101- 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:**

**Contra Costa County Fire Protection  
District Training Facility  
2945 Treat Blvd.  
Concord, CA 94518**

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](http://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](http://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.**