

SEMINARS SPONSORED BY:

**ROCKY MOUNTAIN
AUTOMATIC FIRE ALARM ASSOCIATION**

**Fire Alarm System Testing and Inspection
May 3, 2009**

**Intermediate Fire Alarm Seminar
(Code Update and NICET I & II Test Preparation)
May 4-5, 2009**

**Fire Alarm System Plan Review
May 6, 2009**

**South Metro Fire Department
9195 East Mineral Ave.
Centennial, CO 80112**



FIRE ALARM SYSTEM TESTING AND INSPECTIONS SEMINAR CONTENT

Why Test and Inspect?

- Enforcement of Requirements
- "Selling" Testing and Inspections to the Owner

Visual Inspection

- How to Conduct a Visual Inspection
- Documentation

Testing Requirements

- Acceptance Testing
- Reacceptance Testing
- Periodic Testing
- Documentation

Functional Tests

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

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 and reference manual (based upon NFPA 72-2002)

WHAT DOES IT COST?

AFAA members, their employees, and government employees..... \$199 each
3 or more..... \$179 each

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

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

Instructor: Michael Baker, SET - AFAA Training Director

INTERMEDIATE FIRE ALARM SEMINAR COURSE CONTENT

Review of NICET Application Process
Fundamentals of Signaling Systems
Initiating Devices
Applicable Sections of the National
Electrical Code
Fire Alarm System Interface with
HVAC Systems
ADA Fire Alarm System Requirements

Non-fire alarm NICET Element Review **New!**
Protected Premises Fire Alarm Systems
Notification Appliances
Household Fire Warning Equipment
Fire Alarm System Interface with Sprinkler
Systems
Fire Alarm System Interface with Elevators
Inspection, Testing and Maintenance

COURSE OBJECTIVES

Upon completion of this seminar, each participant will be able to determine where to find particular requirements in the NFPA 72, National Fire Alarm Code, as well as be able to complete a NICET application for NICET Level 1 or 2 certification testing and more effectively prepare for the NICET exam. 16 Contact Hours Continuing Education - Participant must attend entire seminar to receive credit.

RECOMMENDED PREREQUISITES

- ◆ Basic knowledge of Fire Alarm Systems, and
- ◆ Two years' work experience in the fire alarm field

MATERIAL PROVIDED

- ◆ Student workbook and reference manual
- ◆ NFPA 72, *National Fire Alarm Code, 2002* edition

WHAT DOES IT COST?

AFAA members, their employees, all government employees..... \$399 each
3 or more.....\$359 each

Non-members..... \$499 each
3 or more.....\$449 each

Registration fee includes coffee, lunch, a student workbook/reference manual, and NFPA 72-2002.

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, reference manual, and compass

WHAT DOES IT COST?

| | |
|--|------------|
| 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 seminars that you wish to attend:

Fire Alarm Testing & Inspection
May 3, 2009, 8 am - 3 pm

AFAA members and government employees.....\$219 each
3 or more.....\$197 each
Non-members.....\$269 each
3 or more.....\$242 each

Intermediate Fire Alarm
May 4-5, 2009, 8 am - 5 pm

AFAA members and government employees.....\$459 each
3 or more.....\$413 each
Non-members.....\$559 each
3 or more.....\$503 each

Fire Alarm Plan Review
May 6, 2009, 8 am - 4 pm

AFAA members and government employees.....\$219 each
3 or more.....\$197 each
Non-members.....\$269 each
3 or more.....\$242 each

I plan to attend all three seminars - AFAA members & government employees.....\$897 each
3 or more.....\$807 each

Non-members.....\$1097 each
3 or more.....\$987 each

WHERE:

South Metro Fire Department
9195 East Mineral Ave.
Centennial, CO 80112

The registration fee includes lunch and coffee plus a student workbook/study guide and handouts.

Please make all checks payable to:

RM AFAA
3531 S Logan Street D-173
Englewood, CO 80113
Or call 303-697-7377

Full payment is required prior to attending the seminar.

You can register online at www.afaa.org through our secure server!



REGISTRATION FORM

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

Please type or print:

Organization _____
Street Address _____
City _____ State _____ Zip _____
Telephone (____) _____ Fax (____) _____
Credit Card No. _____ Exp. Date _____
Cardholder Name (Please Print) _____
Billing address (if different than above) _____
Attendee(s) 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 AFAA receives **written** notification at least 7 days prior to the start of the seminar. All other cancellations will be subject to a \$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.