

SEMINARS SPONSORED BY:

**ROCKY MOUNTAIN
AUTOMATIC FIRE ALARM ASSOCIATION**

**Fire Alarm System Testing and Inspection
May 3, 2010**

**Intermediate Fire Alarm Seminar
(Code Update and NICET I & II Test Preparation)
May 4-5, 2010**

**Fire Alarm System Plan Review
May 6, 2010**

**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
- 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, 2007 Edition.

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

WHO SHOULD ATTEND

- ◆ Fire and Building Officials witnessing Acceptance and Reacceptance Tests
- ◆ Installers and technicians performing Acceptance and Reacceptance Tests
- ◆ Engineers specifying Inspection, Testing, and Maintenance

MATERIAL PROVIDED

Student workbook and reference manual

WHAT DOES IT COST?

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

Registration fee includes coursebook, coffee, 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
- 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*, 2007 edition

WHAT DOES IT COST?

AFAA members, their employees, & gov't employees.....	\$459 each
3 or more.....	\$413 each
Non-members.....	\$559 each
3 or more.....	\$503 each

Registration fee includes a coursebook, NFPA 72-2007, coffee, and lunch.

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 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

MATERIAL YOU PROVIDE

Calculator, pencil, and eraser

WHAT DOES IT COST?

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

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, 2010, 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, 2010, 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, 2010, 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**

Contact: J.P. Hemming (720) 480-4651

Full payment is required prior to attending the seminar.

You can register online at www.afaal.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.