

SEMINARS SPONSORED BY:

**ROCKY MOUNTAIN  
AUTOMATIC FIRE ALARM ASSOCIATION**

**Basic Fire Alarm System Seminar  
August 3, 2009**

**Advanced Fire Alarm Seminar (NICET III & IV)  
August 4-5, 2009**

**Fire Alarm System Testing and Inspection  
August 6, 2009**

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



## **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 and reference manual

### **WHAT DOES IT COST?**

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

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

Instructor: Michael Baker, SET - AFAA Training Director

## ADVANCED FIRE ALARM COURSE CONTENT

- Addressable & Multiplex Systems
  - Review of NICET III & IV and CPD points
  - Notification Appliances & ADA
  - Principles of Combustion
  - Application of Automatic Detectors
  - Principles of Smoke Movement
  - Smoke Control Systems
  - Compatibility
  - Hazard Analysis
  - Transient & RFI/EMI Protection
- And much more ...

## COURSE OBJECTIVES

Upon completion of this seminar, each participant will be able to select and discuss the Requirements of the fire alarm work elements for NICET Level 3 and 4.

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

## RECOMMENDED PREREQUISITES

- NICET Level II Certified; or PE or;
- 5 years' experience & attendance at an AFAA Intermediate Seminar

## MATERIAL WE PROVIDE

- Workbook and reference manual

## MATERIAL YOU PROVIDE

- NFPA 72-2002, *National Fire Alarm Code*
- Pen, highlighter, paper, calculator

## WHAT DOES IT COST?

AFAA members, their employees, and government employees.....	\$349 each
3 or more .....	\$314 each
Non-members.....	\$449 each
3 or more.....	\$404 each

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

Instructor: Michael Baker, SET - AFAA Training 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 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 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.....	\$199 ea.
3 or more.....	\$179 ea.
Non-members.....	\$249 ea.
3 or more.....	\$224 ea.

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

Instructor: Michael Baker, SET - AFAA Training Director

**Choose the seminars that you wish to attend:**

**Basic Fire Alarm**  
August 3, 2009, 8 am - 4 pm

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

**Advanced Fire Alarm (NICET III & IV)**  
August 4-5, 2009, 8 am - 4 pm

AFAA members and government employees..... \$349 each  
3 or more..... \$314 each  
Non-members..... \$449 each  
3 or more..... \$404 each

**Fire Alarm Testing and Inspections**  
August 6, 2009, 8 am - 3 pm

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

**I plan to attend all three seminars -** AFAA members & government employees..... \$747 each  
3 or more..... \$672 each  
Non-members..... \$947 each  
3 or more..... \$852 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.**

Register online or make checks payable to:

**RM AFAA**  
3531 S Logan Street D-173  
Englewood, CO 80113  
720-480-4651  
303-794-4647 fax

Full payment is required prior to attending the seminar.

You can register online at [www.afaa.org](http://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.