



**SPECIALIZED FIRE ALARM TRAINING**  
*Hosted by:*  
**AUTOMATIC FIRE ALARM ASSOCIATION**

December 4, 2018 – **Basic Fire Alarm Seminar (AFAA030)**

December 5, 2018 – **Fire Alarm Plan Review (AFAA036)**

Training Location

New Hampshire Fire Academy  
98 Smokey Bear Blvd.  
Concord, NH 03301



Information and Online Registration

[www.FireAlarmTraining.org](http://www.FireAlarmTraining.org)

Attend Both Trainings and Save!

15% off for members - \$425

10% off for non-members - \$718.20

**December 4, 2018 – 8 am – 4 pm**

AFAA Members and AHJ's - \$250 each

3 or more - \$225 each

Non – Members - \$ 399 each

3 or more - \$ 338

**December 5, 2018 – 8 am – 4 pm**

AFAA Members and AHJ's - \$250 each

3 or more - \$225 each

Non – Members - \$ 399 each

3 or more - \$ 338



Contact our office with questions at 614-416-8076 or [training@afaa.org](mailto:training@afaa.org)

Course workbooks and handout materials are not guaranteed if registration occurs within a week of the start date. 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. Seminars are subject to cancellation when pre-registration fall below the minimum number of attendees. AFAA cannot be responsible for losses resulting from cancellation of any seminar.

The Automatic Fire Alarm Association Inc. - 1-844-GET-AFAA (844-438-2322) – [www.afaa.org](http://www.afaa.org) – [admin@afaa.org](mailto:admin@afaa.org)

# **BASIC FIRE ALARM SEMINAR- AFAA030**

This basic fire alarm seminar is an application course beneficial for new installers, sales personnel, service technicians, plus building and fire inspectors involved in acceptance testing and/or plans review. This course is also useful as a refresher for anyone involved with fire alarms. This seminar reviews fire alarm system fundamentals; their components; and the proper methods used to satisfy the requirements of NFPA 72, *National Fire Alarm and Signaling Code*.

- Fire Alarm System Fundamentals
- Initiating Devices
- Notification Appliances
- Fire Safety Control Functions
- Battery-set Calculations
- Voltage-drop calculations
- Ohm's Law

## **COURSE OBJECTIVES**

Upon completion of this basic fire alarm seminar, participants will be able to apply the proper application and Installation methods required by the NFPA 72, National Fire Alarm Code, 2016 edition.

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 WE PROVIDE**

Student workbook / reference manual

*CEU hours for Engineers- The Registered Continuing Education Providers Program (RCEP) is a single comprehensive education management system for engineers, surveyors, design professionals and quality education providers. Managed by the American Council of Engineering Companies.*



## **Fire Alarm Plan Review – AFAA036**

This application course describes the common problems associated with the plan review process and offers suggestions for improvement by providing plan review and acceptance test checklists, spreadsheets to determine battery and voltage drop calculations, determining proper spacing of smoke detectors, exercises to determine proper audibility of fire alarm notification appliances and proper sizing and placement of visible notification appliances, as well as reviewing new requirements for monitoring fire alarm systems. This seminar is intended for authorities having jurisdiction involved in fire alarm system plan review, contractors providing submittal documentation for plan review and fire alarm system designers. This seminar is based upon IBC-2015, NFPA 101-2015, NFPA 72-2016 and NFPA 70-2014( NEC).

### **COURSE OBJECTIVES**

1. Review the Requirements for Plan Review and Submittals based on the International Building Code and NFPA 72. 2. Review of pre-plan and plan review checklists examples 3. Review secondary power supply requirements including battery-set calculations 4. Review voltage-drop limits including voltage-drop calculations 5. Review smoke detector location and spacing requirements including practical exercises 6. Review fire alarm audible notification requirements including practical exercises 7. Review fire alarm visible notification requirements including practical exercises 8. Review of pre-acceptance/acceptance testing checklist examples.

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

#### **MATERIAL WE PROVIDE**

Student workbook / reference manual

#### **MATERIAL YOU PROVIDED**

Calculator, pencils and note paper

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