

CO-SPONSORED BY:



**AUTOMATIC FIRE ALARM ASSOCIATION**  
**and**  
**KENT FIRE DEPARTMENT**

**Understanding IBC Fire Alarm Requirements**

**September 1, 2009**

**Fire Alarm Plan Review**

**September 2, 2009**

**Advanced Fire Alarm (NICET III & IV)**

**September 3-4, 2009**

**Kent Fire Department Station #73**

**26512 Military Road South**

**Kent, WA 98032**

## UNDERSTANDING IBC FIRE ALARM REQUIREMENTS COURSE CONTENT

- ◆ Codes and Standards
- ◆ General Fire Alarm Requirements
- ◆ Specific Fire Requirements by Occupancy
- ◆ Understanding the Structure of the International Building Code (IBC)
- ◆ Practice Exercises

### COURSE OBJECTIVES

Upon completion of this seminar, each participant will be able to identify the fire alarm requirements of the International Building Code by use group and occupancy load.

Attendees will receive a certificate of completion representing 7 Contact Hours Continuing Education, or 7 NICET CPD points, or 0.7 IACET CEU. The participant must attend the entire seminar to receive credit.

### RECOMMENDED PREREQUISITES

- ◆ Basic knowledge of Building and Fire Code Requirements for Fire Alarms

### MATERIAL WE PROVIDE

- ◆ Student workbook and reference manual

### MATERIAL YOU PROVIDE

- ◆ International Building Code, 2006 edition

**NOTE: You must bring IBC-2006 or order a copy from us**

### WHAT DOES IT COST?

AFAA members, their employees, government employees.....	\$175 each
3 or more.....	\$154 each
Non-members.....	\$225 each
3 or more.....	\$199 each

Registration fee includes coffee and a course book. We'll be on our own for 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 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.....	\$175 each
3 or more.....	\$154 each
Non-members.....	\$225 each
3 or more.....	\$199 each

Registration fee includes coffee and a course book. We'll be on our own for 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 .....	\$299 each
3 or more .....	\$269 each
Non-members .....	\$399 each
3 or more .....	\$359 each

Registration fee includes coffee and a course book. We'll be on our own for lunch.

Instructor: Michael Baker, SET - AFAA Training Director

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

**Understanding IBC Fire Alarm Req.**  
September 1, 2009, 8 am - 4 pm

AFAA members and government employees..... \$175 each  
3 or more..... \$154 each  
Non-members..... \$225 each  
3 or more..... \$199 each

**Fire Alarm Plan Review**  
September 2, 2009, 8 am - 4 pm

AFAA members and government employees..... \$175 each  
3 or more..... \$154 each  
Non-members..... \$225 each  
3 or more..... \$199 each

**Advanced Fire Alarm (NICET III & IV)**  
September 3-4, 2009, 8 am - 4 pm

AFAA members and government employees..... \$299 each  
3 or more..... \$269 each  
Non-members..... \$399 each  
3 or more..... \$359 each

I plan to attend all three seminars - AFAA members & government employees ..... \$649 each  
3 or more..... \$577 each  
Non-members..... \$849 each  
3 or more..... \$757 each

**Yes, I want to order IBC-2006 (member price \$88 non-member price \$97)**

**WHERE:**

**Kent Fire Department Station #73**  
**26512 Military Road South**  
**Kent, WA 98032**

Registration fee includes coffee and course material. We're on our own for lunch.

**Please make checks payable to:**

**Automatic Fire Alarm Association**  
**PO Box 1569**  
**Jasper, GA 30143**  
**(678) 454-FIRE (3473) Voice**  
**(678) 454-3474 Fax**

**Email: mikebaker@afaa.org**

**You can make a secure payment online at <http://www.afaa.org>.**

**Full payment is required prior to attending the seminar.**



**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.