



On-Line, Instructor Led Training

Fire Alarm Plan Review – Updated!

Based on NFPA 72-2019, NEC 2017, and IBC 2018

Tuesday, June 27 and Thursday, June 29, 2023

1:00 to 5:00 PM, Eastern Time

This course describes the common problems associated with the plan review process and offers suggestions for improvement through plan review and acceptance test checklists, battery and voltage drop calculations, exercises to determine proper spacing of smoke detectors, audibility, and proper sizing and placement of visible notification appliances. Instructor: Art Black

Registration Pricing:

AFAA Members: \$250

AFAA AHJ Members: \$150

Non-Members: \$400

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AHJ's can join AFAA for \$25!

Register Here



Receive a certificate for 7 contact hours of continuing education. Must attend Part 1 & 2 to qualify.



Instructor: Art Black is the Principal at Carmel Fire Protection Associates, Carmel-by-the-Sea, California – a consulting firm for fire prevention program management, fire detection and suppression system plan review and inspections, fire investigation, and development of quality fire protection training programs. Previously, Art served as a firefighter and fire marshal.

Questions, or Need More Info?

Contact AFAA at (844)438-2322

www.afa.org or training@afa.org



Fire Alarm Plan Review
1-day Course Outline (7 hours)
2-part Course Outline if On-Line (7 hours)

• **Course Description**

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, exercises to determine proper spacing of smoke detectors, exercises to determine proper audibility of fire alarm notification appliances and proper sizing and placement of visible notification appliances. 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 on 2019 NFPA 72, 2017 NFPA 70 (NEC) and 2018.

This course consists of 7 Contact Hours for continuing education. The student must attend entire seminar to receive credit.

Course Materials

- Student course book and handout workbook (provided)
- Student should have access to the respective editions of NFPA 72, NFPA 70 and their adopted building code.
- Calculator, pencils and note paper, ruler and compass (Student to provide)

Course Outline

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 and acceptance testing checklist examples

Contact us for more info: training@afaa.org

