



On-Line, Instructor Led Training

Fire Alarm Plan Review

Based on NFPA 72-2016, NEC 2014, NFPA 101-2015 and IBC 2015

**Tuesday, June 29th and Thursday, July 1st, 2021
1:00 to 5:00 PM, EDT**

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: Tom Parrish

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: Tom Parrish has more than 25 years experience in fire protection and emergency response. He serves on several NFPA technical committees. His certifications include Level IV NICET Certified Fire Alarm Technician, Level III NIET Inspections and Testing, Certified Fire Protection Specialist and Master Electrician.

Questions, or Need More Info?

Contact AFAA at (844)438-2322

www.afaa.org or training@afaa.org



Fire Alarm Plan Review

1-day Course Outline (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 2016 NFPA 72, 2014 NFPA 70 (NEC) and 2015 IBC and 2015 NFPA 101.

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 bring 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

Review the Requirements for Plan Review and Submittals based on the International Building Code and NFPA 72.

Review of pre-plan and plan review checklists examples

Review secondary power supply requirements including battery-set calculations

Review voltage-drop limits including voltage-drop calculations

Review smoke detector location and spacing requirements including practical exercises

Review fire alarm audible notification requirements including practical exercises

Review fire alarm visible notification requirements including practical exercises

Review of pre-acceptance and acceptance testing checklist examples

