



NFA RESIDENTIAL SPRINKLER PLAN REVIEW CLASS – 16 HOURS

The goal of this course is to provide the students with the ability to verify that the design of the residential fire sprinkler system complies with national standards and a manufacturer's product data sheets. It does not address differences that may be adopted in any State and/or local ordinances. Discussions will revolve around the differences among the application of National Fire Protection Association (NFPA) 13, Standard for the Installation of Sprinkler Systems, 13D, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, and 13R, Standard for the Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height, and International Residential Code (IRC) P2904 that can be used as models in their own communities.

The students will examine sample plans in order to identify the technical components of residential sprinkler systems and to identify the sprinkler type and its associated Sprinkler Identification Number (SIN). Sample plans and manufacturer's product literature will be used to evaluate sprinkler locations, to verify calculations of sprinkler flow, to determine if the correct number of sprinklers is accounted for, and to calculate the minimum pressure suggested by the manufacturer's specifications.

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If you have specific questions regarding the course, contact
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