



NFPA #13 R/D Residential Overview

PURPOSE- : As residential fire sprinkler systems become more widely recognized and adopted by communities it becomes more important than ever to understand the requirements for proper design and installation. NFPA 13R *Standard for the Installation of Fire Sprinkler Systems in Low-Rise Residential Occupancies*, and NFPA 13D, *Standard for the Installation of Fire Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes* are the primary standard governing design and installation for residential sprinklers. Understanding the requirements of these standards and how they are applied is the key to a solid enforcement program. This one-day seminar will guide the participant through the requirements of residential sprinklers and identify how each standard is applied as well as the alternative approaches.

WHO SHOULD ATTEND?

- Code Officials
- Designers/Contractors
- Design Professionals Architects/Engineers
- Building Owners/Managers
- Installers
- Insurance Representatives

MATERIALS-

Each attendee will receive a CASA USB Stick and other prepared Materials.

Each attendee should bring their own copy of NFPA 13, 13 R/D.

When: Monday November 19, 2018

City: Kanata, ON.

**Location: Kanata Recreation Complex,
100 Charlie Rogers Pl, Kanata, ON K2V 1A2**

Time: 8:30am to 5:00pm

Fee: \$225 per person + 13% HST

10% Discount when you register three people

****10% Discount when you register for all three days****

*****Includes electronic work book, timbit breakfast,
morning and afternoon coffee break*****

LEARNING OBJECTIVES

- Describe the history and need for a specific sprinkler dedicated to life safety.
- Identify the major differences between NFPA 13 and NFPA 13 R/D.
- Interpret and apply the listing requirements of residential sprinklers.
- Differentiate between multipurpose and stand-alone sprinkler systems.
- Recognize requirements as they pertain to sprinkler location and system configurations.
- Discuss the updated criteria for residential fire sprinkler systems.
- Determine the appropriate barrel lengths of dry fire sprinklers.
- Identify types of obstructions to residential sprinklers and how they relate to architectural features.
- Discuss residential fire sprinklers and shadow areas caused by building elements.
- Explain the number of sprinklers that are required for hydraulic calculations of sprinkler systems under NFPA 13 R/D.
- Calculate the size of a tank needed for an NFPA 13 R/D water supply.
- Evaluate the piping feeding sprinklers to determine if it is an acceptable size.
- Compare the demand of the system to the water supply to determine if the water supply is acceptable

REGISTRATION

Name: _____

Company: _____

Address: _____

City/Town: _____

Tel: (____) _____ Fax: (____) _____ E-mail: _____

Method of payment: _____ Cheque _____ VISA _____ Master Card _____ Amex _____

Credit Card Information: _____ Expiry Date _____

Sub-Total: _____

HST 13% _____

TOTAL _____

Registration form and payment must be returned to office by: **NOV. 16, 2018** Please fill out this form and send back to the C.A.S.A office via fax at: 905-477-3611 or email this form back with the subject heading "Seminars" to: info@casa-firesprinkler.org Tel: (905) 477-2270