

## Sprinkler Protection of Storage

### PURPOSE-

Storage occupancies present unique challenges to sprinkler system design and installation. NFPA 13 has complex and varying rules for the protection of stored commodities. This fast paced and interactive seminar will explore these requirements as they are related to types of commodities, storage configurations and special storage situations. The participant will be guided through a series of decisions and requirements that lead to compliance with NFPA 13 and ensure the system will operate properly when needed.

### WHO SHOULD ATTEND?

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

### MATERIALS-

Each attendee will receive an email with CASA seminar workbook material.

**Each attendee should bring their own copy of NFPA 13.**

**When: November 4<sup>th</sup> & 5<sup>th</sup> 2019 City: Newmarket, ON**  
**Location: TBD**  
**Time: 8:30am to 5:00pm**  
**Members / AHJ's Fee:**  
**Early Bird \$450 per person + 13% HST**  
**2 Weeks Before \$500 per person + 13% HST**

**Non-Members Fee:**  
**\$650 per person + 13% HST**  
**2 Weeks Before \$700 per person + 13% HST**  
**\*\*Sign up for a subscription receive member pricing\*\***  
**\*\*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

- Recognize the basic differences among various commodities stored in accordance with NFPA 13.
- Identify the general parameters used in the storage of all commodities in accordance with NFPA 13, including Class I-IV commodities, Plastics, mixed commodities, & idle pallets.
- Recognize the method of determining classifications for unknown commodities.
- Discuss how the classification of a commodity can be affected by its storage on different type pallets
- Describe how changes in a commodity affect the owner's responsibilities under NFPA 25.
- Identify & discuss definitions and rules that apply to all storage arrangements, including the storage of idle pallets & high ceiling rules.
- Recognize and discuss the basic purpose of Miscellaneous storage, its proper usage, and apply the appropriate rules for protection of those areas in for various arrangements using various sprinklers.
- Discuss the definitions and rules specific to the general storage of commodities.
- Apply the various design rules to examples of General storage arrangements by applying design criteria for various arrangements using various sprinklers.
- Discuss the definitions and rules specific to the Rack storage of commodities.
- Apply the various design rules to examples of Rack storage arrangements by applying design criteria for various arrangements using various sprinklers.
- Discuss the definitions and rules specific to the storage of Rubber Tires.
- Apply the various design rules to examples of Rubber Tire storage arrangements by applying design criteria for various arrangements using various sprinklers.
- Discuss the definitions and rules specific to the storage of Roll Paper.
- Apply the various design rules to examples of Roll Paper storage arrangements by applying design criteria for various arrangements using various sprinklers.
- Discuss the definitions and rules specific to the storage of Baled Cotton.
- Apply the various design rules to examples of Baled Cotton storage arrangements by applying design criteria for various arrangements.

- Discuss the specific rules for various Special Storage arrangements, such as Plastic Motor Vehicle components and various Retail Stores.
- Describe and discuss various options for providing protection schemes for storage arrangements.
- Use the storage reference sheets to apply specific design criteria to various storage arrangements of various commodities stored in various arrangements.

## 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: **November 1, 2019**. 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](mailto:info@casa-firesprinkler.org) Tel: (905) 477-2270. You may cancel your registration for no charge 30 day[s] prior to education seminar date. Please note that we will assess total fee of seminar if you must cancel after this deadline.