



# HYDRAULICS FOR FIRE SPRINKLERS

**PURPOSE-** This one-day program will concentrate on the hydraulics component of the design phase of water based fire protection systems. This seminar discusses theory and application of hydraulic calculations, to prove the design of the system will meet the water supply available as described in NFPA 13-2011. ***This is an intermediate level class.***

## WHO SHOULD ATTEND?

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

**MATERIALS-** Each attendee will receive a CASA workbook and other prepared materials. ***It is recommended that each attendee bring their own copy of NFPA 13.***

**When: Thursday April 19, 2012**

**City: Winnipeg, MB**  
**Location: Winnipeg, MB**  
**2546 McPhillips St.**  
**Winnipeg, MB**  
**R2P 2T2**

**Time: 8:00am to 5:00pm**

**Fee: \$225 per person per day + 5% GST**

**\*10% Discount when you register three people\***

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

**\*\*\*Includes work book, continental breakfast, morning and afternoon coffee break\*\*\***

## LEARNING OBJECTIVES

- Theory of Hydraulics
- Area of sprinkler operations
- Basic Math and Hydraulics
- Proving design with Hydraulics
- Sizing design areas
- Hydraulics step by step

## COURSE OUTLINE

- Hazard and Commodity Classification
- Theory of Hydraulics
- Selection of most demanding area
- Charting the water supply information
- Design Options
- Hydraulic Calculations Step by Step

# 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 #R100760123) GST 5% \_\_\_\_\_

TOTAL \_\_\_\_\_

Registration form and payment must be returned to office by: ***Friday April 13, 2012***

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