



PUMPS FOR FIRE PROTECTION

PURPOSE- This one-day program provides attendees with vital information about the design and installation of fire pumps. The NFPA 20 and the NFPA Fire Pump Handbook are used as reference material. This is an intermediate level class. This seminar is designed to increase the participant's knowledge and application of fire pumps in fire protection systems and to familiarize the attendee with the NFPA Standards that govern the proper design and installation of fire pumps.

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 20.*

When: Tuesday March 27, 2012
City: Toronto, ON
Brampton Fire & Life Safety Education Centre
225 Central Park Drive
Brampton, ON
L6S 6H1

Time: 8:00am to 5:00pm
Fee: \$225 per person per day + 12% HST
 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

- The hydraulic formulas used in pump design
- When is a pump required
- Distinguish between types of pumps and their drivers
- The requirements for sizing and placement
- Piping and valves required
- Testing procedures

COURSE OUTLINE

- Basic Hydraulics
- Need for fire pumps
- Types of pumps and drivers
- Pump placement and sizing
- Piping and appurtenances
- Electric drivers and controllers
- Diesel drivers and controllers
- Acceptance testing

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) HST 12% _____
 TOTAL _____

Registration form and payment must be returned to office by: **March 23, 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 Tel: (905) 477-2270