

## REGISTRATION

### Location:

Willoughby Fire Department  
37000 Euclid Avenue, Willoughby, Ohio 44094

### Seminars:

M = Members / NM = NonMembers / F&B = Fire & Building Officials  
(\*includes One-Year Subscriber Membership)

Plan Review Procedures & Policies

1-Day:  M / \$149  F&B / \$99  
 NM / \$299  F&B\* / \$149

Inspection, Testing & Maintenance

1-Day:  M / \$149  F&B / \$99  
 NM / \$299  F&B\* / \$149

Underground Piping (a.m.)

½-Day:  M / \$99  F&B / \$75  
 NM / \$175  F&B\* / \$125

Commissioning & Acceptance (p.m.)

½-Day:  M / \$99  F&B / \$75  
 NM / \$175  F&B\* / \$125

both half-days  \$99

Within 7 days of seminar OR on-site registration: ADD \$25

### Please print or type:

Company \_\_\_\_\_

Name \_\_\_\_\_

NFSA Member # \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

Email \_\_\_\_\_

### Method of Payment:

Payment Total: \_\_\_\_\_

Check  VISA  MasterCard  AMEX  Discover

Acct#: \_\_\_\_\_

Expiration Date \_\_\_\_\_

Name/Address card billed to: \_\_\_\_\_

### Make payment and send to:

**National Fire Sprinkler Association**  
In-Class Seminar Coordinator  
40 Jon Barrett Road  
Patterson, NY 12563

**Fax to:** 845.878.4215  
**Register Online:** [www.nfsa.org](http://www.nfsa.org)

• **"After attending this class my confidence level in the performance of the job has just been enhanced ten-fold... Thanks!!!"**

• **"Our instructor was incredible. He kept us interested and explained everything completely."**

• **"Very good seminar. I especially appreciated the break-down of complicated systems."**

• **"I've taught alot over the years. John Corso is good at teaching; very good. He made a dry confusing subject fun and interesting. He taught me how to teach even better... Thanks!"**

• **"Best fire sprinkler class ever. Lots of humor backed up by substantial learning... Thanks!"**

• **"Very good class. Information will be helpful for career development."**

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40 Jon Barrett Road, Patterson, NY 12563  
Tel: 845.878.4207  
Fax: 845.878.4215  
email: [seminars@nfsa.org](mailto:seminars@nfsa.org)



**NATIONAL  
FIRE  
SPRINKLER  
ASSOCIATION, INC.**

**Ohio Board of  
Building Standards  
Approved**

Attend both half days for \$99 when you attend both full days (AHJ's only)

### Location

Willoughby Fire Department  
37000 Euclid Avenue  
Willoughby, Ohio 44094  
Co-sponsor: Willoughby FD

**1-Day / May 20, 2008**

**Plan Review Procedures & Policies**

**1-Day / May 21, 2008**

**Inspection, Testing and Maintenance of Water-Based Fire Protection Systems**

**1/2-Day / May 22, 2008 (a.m.)**

**Underground Piping for Fire Protection Systems**

**1/2-Day / May 22, 2008 (p.m.)**

**Commissioning and Acceptance Testing of Sprinkler Systems**

**Discount  
Membership  
Offer Inside**

**Register  
5 for the  
same seminar,  
get 6th  
FREE!**



These seminars qualify for continuing education as required by NICET. Meets mandatory Continuing Education Requirements for Businesses and Authorities Having Jurisdiction

## 1-Day / May 20, 2008

### Plan Review Procedures & Policies

#### Seminar Topics:

- Review of Applicable Plan Review Requirements
  - NFPA 13 (44 Items)
  - NFPA 13R (25 Items)
  - NFPA 13D
- Systematic Review Process
  - Plans Information
    - Owner Certificates - MSDS Sheets
    - Hazard Classification - Design Methods - Notes
    - Details
      - Equipment Details
      - Material Cut Sheets (Listings)
      - Sectional Views – Hidden Details
      - Reflected Ceiling Plans
  - Hydraulic Calculations
    - Nodes - Water Supply
  - Check Sheets – Submittal Applications
- In-class exercises
  - Attendees will complete in-class exercises that will require the student do analysis and plan check of sprinkler systems.

#### Free Workbook!

Each attendee will receive a workbook with exercises to reinforce the subject covered. The student should come to class prepared to participate and bring the following:

- Copy of NFPA 13 (2002 edition)
- Notepaper, pencil or a pen

- Registration Begins: 7:30 AM
- Seminar: 8:00 AM TO 5:00 PM
- Class Size: Limited to first 50 registrants
- Completion Certificate will be presented to attendees

#### Who Should Attend?

This half-day seminar provides intermediate to advanced information on the plan review of fire sprinkler systems. This seminar will be most helpful for those personnel responsible for plan review and inspection of fire sprinkler systems.

## 1-Day / May 21, 2008

### Inspection, Testing and Maintenance of Water-Based Fire Protection Systems

#### Seminar Topics:

- Implementing NFPA 25 - A Five Step Process
  - Impairment Procedures
- Valves and Fire Department Connections
- Sprinkler Systems
- Standpipe Systems
- Private Fire Service Mains
- Fire Pumps
- Water Storage Tanks
- Water Spray Fixed Systems
- Foam Water Sprinkler Systems

#### Free Workbook!

Each attendee will receive a workbook with exercises to reinforce the subjects covered.

The attendee should come to class prepared to participate and bring the following:

- copy of NFPA 25-98 or 02 Edition
- calculator
- note paper and pen

- Registration includes refreshments and workbook
- Registration begins: 7:30 am
- Seminar: 8:00 am to 4:30 pm
- Class size limited to the first 50 registrants.
- Completion Certificates will be presented to attendees.

#### Who Should Attend?

This one-day seminar is intended to provide information ranging from basic to intermediate.

It is most beneficial to contractors, designers, architects, engineers, building owners and insurance authorities.

Code enforcement officials will also find it a tremendous asset in the performance of their day-to-day job responsibilities.

## 1/2-Day / May 22, 2008 (a.m.)

### Underground Piping for Fire Protection Systems

#### Seminar Topics:

- Plans
- Types of Water supplies
- Fire Department Connections
- Hose Houses
- Pipe and fittings
- Rules for Laying Buried Pipe
- Restraining fire mains
- Backfilling
- Flushing and Testing

#### Free Workbook!

A FREE workbook valued at \$25.00 is included in the fee. It illustrates the visuals and photos of actual installations. The attendee should come to class prepared to participate and bring the following:

- a copy of NFPA 13-02 and 24-02 Edition
- calculator
- note paper and pen

- Registration begins: 7:30 am
- Seminar: 8:00 am to 12:00 pm
- Class size limited to the first 50 registrants
- Completion Certificates will be presented to attendees.

#### Who Should Attend?

This one-half day seminar provides information that is at a basic level. It is most beneficial for contractors, designers and Authorities Having Jurisdiction.

Attend both  
half days for \$99  
when you attend  
both full days  
(A.H.J.'s only)

## 1/2-Day / May 22, 2008 (p.m.)

### Commissioning and Acceptance Testing of Sprinkler Systems

#### Seminar Topics:

- Acceptance testing requirements of NFPA 13, 13R and 13D
- Requirements for completion of the A and U certificates
- Flushing requirements and procedures
- Hydro-static pressure testing criteria
- Basic requirements for conducting an inspection of a new fire sprinkler system to insure compliance with the NFPA standards
- Basic methodology for conducting
- System acceptance test and documentation
- Example acceptance testing forms will be provided.

#### Free Workbook!

Each attendee will receive a workbook with exercises to reinforce the subjects covered. The attendee should come to class prepared to participate and have the following:

- copy of NFPA 13, 13R and 13D
- calculator
- notepaper and pencil or pen

- Registration includes refreshments and workbook
- Registration begins: 12:30pm
- Seminar: 1pm-5pm
- Class size limited to the first 50 registrants
- Completion Certificates will be presented to attendees

#### Who Should Attend?

This seminar is intended for entry level and immediate level students. The seminar is intended for any persons responsible for acceptance testing of a fire sprinkler system. One of the most important aspects of a new sprinkler system is to insure a correct and quality installation. Experience level is Basic to Intermediate.