

REGISTRATION INFORMATION

Advanced Technician Training Class 2009

WESTMINSTER, CO / June 23-25, 2009

NFSA Member: Yes No Membership Number:

Student's Name: (as it will appear on certificates)

Name of Department Head or Supervisor:

Company:

Address:

City/State/Zip:

Student's E-mail:

Telephone: ()

Fax: ()

*See Registration Discount and Cancellation Policy

Check payable: National Fire Sprinkler Association, Inc.

\$

Charge my:

Visa MasterCard Discover AMEX

\$

Account Number

Exp. Date Security Code

Signature

(Please print address as it appears on credit card account):

Phone: Diana Romano ext. 132, romano@nfsa.org or Nicole Sprague, ext. 149, (845) 878-4200 sprague@nfsa.org

Fax: (845) 878-4215 (or) visit our Website: http://www.nfsa.org

National Fire Sprinkler Association, Inc. Advanced Technician Training Class 40 Jon Barrett Road Patterson, NY 12563

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40 Jon Barrett Road, Patterson, NY 12563 Phone: 845.878.4200 Fax: 845.878.4215 website: http://www.nfsa.org



Advanced Technician Training Class 2009

Learn skills required to pass NICET Level III exam

Location for NFSA's most technical offering:

June 23-25, 2009

Westminster, CO Colorado Fire Protection Association 3030 West 81st Avenue Westminster, CO 80031

Local Hotel:

Doubletree Hotel Denver North 8773 Yates Drive Westminster, CO 80031-3680

NFSA Room Rate:

\$109/night++ until May 29th

For Reservations:

Call (877) 387-8277

REGISTER EARLY for a discount!

(See inside for details)



Target Audience

This three-day seminar has been developed for fire sprinkler layout and detail technicians that have at least two to three years of experience.

Purpose

The purpose of the seminar is to assist individuals that are currently holding NICET Level 2 certifications (Fire Sprinkler Layout and Detail Subfield) in advancing their careers by reviewing material necessary for Level 3 and Level 4 certification. By the end of the seminar, the student will have an understanding of a sufficient number of Level 3 General and Special work elements to be prepared for Level 3. It is assumed that the student has a working knowledge of basic hydraulics, friction loss calculations, sprinkler spacing and location, the components of basic wet pipe and dry-pipe sprinkler systems, and a working knowledge of NFPA 13, NFPA 13D and NFPA 13R.

Cost:

\$450.00

for National Fire Sprinkler Association Members

\$650.00 for Non-Members

**\$50 discount on all registrations made at least two weeks in advance.*

Each paid attendee will receive a certificate upon completion. The fee must be paid in full and in advance using a check, MasterCard, Visa, Discover or American Express. The cost of housing is NOT included in the seminar registration fees.

Materials

Each attendee will receive an NFSA workbook and other prepared materials. Each attendee must bring their own copies of NFPA 13 (2007) and a calculator capable of algebraic calculations.

CLASS SCHEDULE

DAY 1

8:00 Introduction to NFSA, NICET and seminar
8:30 Contracts
9:15 Break
9:25 Project Scheduling and Coordination
10:00 Product Standards for Sprinklers and Valves
10:40 Break
10:50 Meters and Backflow
12:00 Lunch
1:00 Advanced Hydraulic Design Area
2:15 Break
2:45 Velocity Pressure Calculations
4:00 Questions and Answers

Homework: Design area and velocity pressure calculations

DAY 2

8:00 Homework review
9:00 Break
9:10 Hardy Cross Loop Analysis
10:30 Break
10:40 Antifreeze Systems
11:30 Internal and External Corrosion
12:00 Lunch
1:00 Internal and External Corrosion (*continued*)
1:45 Water Spray Systems
2:20 Break
2:35 Water Spray Systems (*continued*)
3:00 System Acceptance Tests
4:00 Questions and Answers

Homework: Grid calculations and antifreeze expansion chamber

DAY 3

8:00 Homework Review
9:00 Break
9:10 Foam-Water Sprinkler Systems
10:30 Break
10:40 Aircraft Hangars
12:00 Lunch
1:00 Large Drop and ESFR Sprinklers
2:15 Break
2:30 Shop Drawings and Plan Review
4:00 Questions and Answers

Who Should Attend?

- Sprinkler layout and detail technicians with at least 2-3 years of experience.
- NICET Level 2 Technicians (sprinkler layout and detail)
- NICET Level 3 Technicians (sprinkler layout and detail) that need the work elements covered in the class to reach Level 4.
- Professional Engineers that review or specify fire sprinkler systems.
- Plan Review Officials with at least 2 years of experience.

STUDENTS SHOULD BRING:

- A copy of NFPA 13 (2007 Edition)
- A calculator capable of algebraic calculations

STUDENTS SHOULD EXPECT:

- A challenging and open atmosphere
- Intense coursework and homework