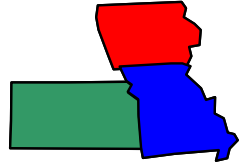




# REGIONAL REPORT

Central Edition

[www.nfsa.org](http://www.nfsa.org)



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**May 2010**

Grassroots leads to successful education. Have you planted yours today?

Engineering Questions?  
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**Sign Up Today!!!**

**Accredited Dwelling Fire Sprinkler Contractor**

West Des Moines, IA

May 24<sup>th</sup> -28<sup>th</sup>, 2010

[Register Here](#)

**The National Fire Sprinkler Association in conjunction with the Center for Public Safety Excellence is pleased to announce a new program called the:**

Beginning in January of 2011, the International Residential Code (IRC) will require automatic fire sprinkler systems in all newly-constructed houses. The IRC is adopted in almost all states as the basis for regulating the construction of one and two-family dwellings. Builders around the country will need the expertise of companies that specialize in providing these systems.

To meet the demand for quality installation of the fire sprinkler systems, a number of prominent fire protection organizations are joining together to endorse an accreditation program for the companies that will offer this new service to builders and homeowners.

The Accredited Dwelling Fire Sprinkler Contractors will be the mark of excellence in a new field that promises to solve America's number one fire problem—the loss of life in the home.

The organization that will provide accreditation to qualified contractors will be the Center for Public Safety Excellence. This is an organization founded jointly in 1986 by the International Fire Chiefs Association (IFCA) and the International City-County Management Association (ICMA), and which presently awards accreditation to fire and emergency service agencies while pursuing scientific research and education in the public interest in other areas of fire protection accreditation.

Recognition as an Accredited Dwelling Fire Sprinkler Contractor will be based on demonstration of sufficient training in the applicable standard published by



## Meeting the Demand for Quality System Installations

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Recognition as an Accredited Dwelling Fire Sprinkler Contractor will be based on demonstration of sufficient training in the applicable standard published by the National Fire Protection Association, NFPA 13D, and its adaptation in the IRC as P2904, along with the passing of an examination made available through the International Code Council (ICC). More information on the accreditation program will be made available at the training seminars.

## The Training Curriculum

### Day 1

Introduction, Residential Fire Problem, History of Residential and Fast Response Sprinklers, Marble Mountain Video, Principles of Combustion, Rules Governing Installation, Scope of Sprinkler Standards (13, 13R, 13D, IRCP2904), Components and Types of Sprinkler Systems, Types of Sprinklers, Copper Tube Workshop and Demonstration

### Day 2

NFPA 13D Water Supplies, Residential Sprinkler Spacing/Location/Heat sources, Residential Obstruction Rules (Beams, Slopes, Pockets etc.), Spacing and Obstructions, Piping and System Configurations, Cross-linked Polyethylene Workshop and Demonstration

### Day 3

Backflow Preventers and Meters, Freeze Protection - Insulation and Anti-Freeze, CPVC Piping, Protection and Compatibility, IRC P2904 Explanation, CPVC Workshop and Demonstration

### Day 4

Introduction to Hydraulic Principles, Prescriptive Calculation Methods of NFPA 13D Systems, Hazen-Williams Hydraulic Calculations, Hazen-Williams Workshop, Calculation of Previous Classroom Layout Using Cookbook Calculations

### Day 5

Hazen-Williams Review and Sample Calculation, In-Class Hydraulic Workshop Layout and Hazen-Williams Calculation, Class Wrap-up and Summary, Discuss and Schedule IRC National Standard Residential Sprinkler Installer Exam

All Seminar Schedules are subject to change depending on instructor availability. Homework will be assigned each night and each day will begin with a review of the previous night's homework. Classes begin at 8:00 a.m. and should conclude by 5:00 p.m. each day.

## Hands-On Workshops

The curriculum includes several 3-hour piping workshops in which training will be provided on the various materials that can be used in dwelling fire sprinkler systems. The organizations that manufacture and promote the various materials will be involved, ensuring that the proper levels of quality assurance are understood. General information will be provided on listings and material limitations, corrosion resistance, hydraulic flow, cleanliness, joining methods, tools, and other aspects of installation. Each student will be expected to be able to perform each of the demonstrated joining procedures using appropriate tools.

## Who Should Attend

This seminar is intended for individuals intending to help fill the need for qualified installers of dwelling fire sprinkler systems. Whether experienced piping contractors or simply individuals interested in a business that will help save lives and property, the students that complete this course are expected to sit for the ICC examination and to pursue accreditation as Accredited Dwelling Fire Sprinkler Contractors.

## Cost

The seminar is being offered at an introductory price of \$745. This price includes the course workbook, all seminar course materials, and a continental breakfast and lunch for all five days. It does NOT include the cost of housing. Each paid attendee will receive a certificate upon successful completion of the seminar.

The fee must be paid in full and in advance by check, MasterCard, Visa, Discover or American Express (see note at bottom of brochure for cancellation policy).

## What to Bring

Students are encouraged to bring along a copy of the 2010 edition of NFPA 13D – *Installation of Sprinklers in One- and Two-Family Dwellings and Manufactured Homes*.

**Cancellations: Full refunds if more than 14 days before the seminar; 50% if more than 3 days before the seminar. No refunds for cancellations received within 3 days of the seminar.**

## Fire Sprinkler Bill Updates.

### IOWA.....

There was good and bad news in Iowa. The good news, the HBA was unsuccessful in their efforts to eliminate the ability for local government to choose whether or not they would like to enforce residential fire sprinkler ordinances. The bad news, the Legislature did pass a resolution which currently repeals the 2009 IRC fire sprinkler mandate and the 2012 delay of enforcement. Below is the language of the resolution which was passed.

Bill key: 2009 IA SJR 2009

Version: Introduced

Version date: 03/22/2010

Author: Gronstal

Senate Joint Resolution 2009 - Introduced Iowa 83rd Iowa General Assembly -- Second Session  
EXPLANATION

This joint resolution nullifies portions of an administrative rule adopted by the department of public safety requiring the installation of automatic residential fire sprinkler systems in townhouses and one-family and two-family dwellings. A session delay was imposed on these provisions by the administrative rules review committee in December 2009. The joint resolution takes effect upon enactment.

SENATE JOINT RESOLUTION BY GRONSTAL and McKINLEY  
SENATE JOINT RESOLUTION A Joint Resolution to nullify administrative rules of the department of public safety concerning automatic residential fire sprinkler systems and providing an effective date.

BE IT RESOLVED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

Section 1. The portions of 661 Iowa administrative code, rule 301.8, that adopt by reference sections R313.1 and R313.2 of the international residential code, 2009 edition, and that amend sections R313.1 and R313.2, by deleting and inserting in lieu thereof and providing exceptions thereto, are nullified.

Sec. 2. EFFECTIVE DATE. This joint resolution, being deemed of immediate importance, takes effect upon enactment.

## **Kansas.....**

Here is the legislative update from the KS Fire Service Alliance: (Notice the Bill does have a sunset date of July 1, 2011.)

**HB 2472-** *Kansas uniform common interest owners bill of rights act.* The sprinkler language was amended into this bill.

This language is on page 6 of the conference committee report linked here.

[http://skyways.lib.ks.us/ksleg/KLRD/2010ConfCommRpts/Ccrb2472\\_001\\_73.pdf](http://skyways.lib.ks.us/ksleg/KLRD/2010ConfCommRpts/Ccrb2472_001_73.pdf) *Multi-Purpose Sprinkler Systems the bill would temporarily prohibit a municipality from requiring the installation of a multi-purpose sprinkler system in a residential structure. The term "residential structure" is defined in the bill as including a single-family dwelling, multifamily dwelling of two attached units or less, or any manufactured home. This provision would be repealed as of July 1, 2011.*

A task force made up of homebuilders, realtors, manufacture homes the supporters of HB 2515 and SB 573 and the opponents The League, The Association of Counties, Fire Chiefs/Firefighters, city Code representatives, sprinkler sales and others representatives that are in support of house sprinklers.

Sandy Jacquot, Director of Law and General Counsel with the League of Municipalities will contact groups and put the task force together. The task force will be asked to come

to a compromise on the language that will amend or extend the language for sprinklers that is acceptable to both sides. The report to the Legislature will be due January 1, 2011. Sandy said she would put it together after the Legislature adjourns in May. I have been given names of those interested in working on the task force and I will give those to Sandy.

This legislation had so many opportunities to become law but we were able to stop it or slow it down at each attempt. I want to thank everyone that worked so hard on this.

## **MISSOURI.....**

We now have a Contractor Registration Bill filed in both the Senate and the House. You can read the text and follow the history of the Senate Bill (SB927) at: [http://www.senate.mo.gov/10info/BTS\\_Web/Bill.aspx?SessionType=R&BillID=3274906](http://www.senate.mo.gov/10info/BTS_Web/Bill.aspx?SessionType=R&BillID=3274906), and the House Bill (HB2132) at: <http://www.house.mo.gov/content.aspx?info=/bills101/bills/hb2132.htm>

On April 21<sup>st</sup>, the House **[SPECIAL STANDING COMMITTEE ON PROFESSIONAL REGISTRATION & LICENSING](#)** held a public hearing regarding HB2132. There were several letters of support and testimony given to the committee, and there was no one who stood in opposition. To date the bill has not been passed out of the committee and the legislated session is coming to an end, so it will appear that the bills will not move this year. It is my understanding the MO fire sprinkler contractors will continue the same efforts next legislative session.

## **From NFSA HQ: Patterson, NY.....**

### **[Fatal High-Rise Fire Calls Chicago's Life Safety Evaluation Into Question Again](#)**

Early this morning, a one-unit fire on the 38th floor of the Park Tower high-rise condominium building in the 5400 block of North Sheridan Road in Chicago claimed the life of one individual. According to fire officials, the cause of the fatal fire is still unknown. It was found that there was no working smoke alarm and the building was not protected with a fire sprinkler system. If you see articles on websites regarding this fire, make sure to post a comment on the lack of fire sprinklers! [Read more News Video](#)

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### **[Common Voices Receives Grant for "Building Safe Homes with Fire Sprinklers" Campaign](#)**

NFSA is pleased to announce the Common Voices Coalition received notification from the 2009 Assistance to Firefighters Grant (AFG) Program, Fire Prevention program, administered by the U.S. Department of Homeland Security that their grant in the amount of \$222,290.00 was funded. Common Voices will use the grant funds for delivery of a national media campaign that will raise awareness of current fire prevention strategies. These strategies will focus on the fact that fire sprinklers are a critical part of a fire protection package, which includes working smoke alarms, a family escape plan, and the installation of home fire sprinklers.

[Read more](#)

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### **[Philadelphia Inquirer Editorial Supports Residential Fire Sprinkler Systems!](#)**

As a result of ongoing outreach by NFSA's public relations firm, R&J, to the editorial boards in

Pennsylvania, the *Philadelphia Inquirer*, wrote a very positive fire sprinkler editorial which appears in today's (April 5<sup>th</sup>) edition. The editorial includes the majority of our key messages points as well as some information about Judge Johnny Butler's decision to deny the Pennsylvania Builders Association's request for an injunction.

[Read editorial here](#)

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### **NIST Study Demonstrates Value of Fire Safety in Dorms**

A study by the National Institute of Standards & Technology, performed as part of the U.S. Fire Administration's initiative to improve fire safety in college housing, demonstrated that the correct combination of automatic fire sprinkler systems, smoke alarms and closed doors provided enough time and safe conditions for residents to escape safely and for firefighters to perform their job without undue hazard.

[Read full story here](#)

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### **NFSA Contractor Member Alert**

According to the EPA website, contractors working in schools, homes, day care centers, or other places where children spend time that were constructed prior to 1978 cannot disturb more than 6 sq ft of painted surfaces where lead may be present unless they are certified. Certification happens by taking a one day class in clean-up and minimizing dust that is a minimum of 8 hours with at least 2 hours of hands-on training. The classes can be taken through private contractors accredited by the EPA. Information on classes being offered is on the EPA website at [www.epa.gov/lead](http://www.epa.gov/lead). Enforcement begins on April 22, 2010.

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### **NFSA Receives Invitation to Meet with Key NAHB Committee**

Following what NFSA President John Viniello called a very productive meeting earlier this month with NAHB's CEO and key staff, NFSA has received an invitation by NAHB's Senior Officer leadership to meet with their Construction, Codes and Standards Committee. The meeting will be held in conjunction with their Spring Board meeting in Washington, D.C. during the week of April 19.

"We are very encouraged by the positive response we have received from the National Association of Home Builders," said NFSA President John Viniello. "We are confident that as our respective codes, technical and training staffs get together in meaningful discussion, areas of mutual benefit will be identified and addressed."

As the relationship between the two organizations continues to evolve, NFSA will post information at the website ([nfsa.org](http://nfsa.org)) and on its social network.

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### **John Viniello to Receive Distinguished Service Award**

NFSA is very pleased to announce that John Viniello has been selected by the Awards Committee of the Hudson Valley Cerebral Palsy Association as this year's recipient of their Distinguished Community Leadership Award. Each year the recognition is given to an individual who has made outstanding contributions on behalf of those in their community who experience disabilities. He will be a guest of honor at the Hudson Valley Cerebral Palsy Association's Annual Dinner on June 12th at the Westchester Marriott in Tarrytown, New York where he will be formally presented with the award.

[Read the letter](#)

## **NFSA Online Seminars Schedule for 2010: Technical Tuesdays**

### **2010 Technical Tuesday Seminars Announced**

Recent changes to the sprinkler and pump standards have helped solve some common sprinkler system installation problems. The 2010 Technical Tuesday seminars will assist contractors in utilizing the newer documents in order to become more effective and efficient with their system layout and detailing. As usual, the NFSA will offer a 30 percent discount for anyone signing up for all ten seminars scheduled for the first half of the year. For the first time, however, an additional 5% discount is being offered to anyone who signs up for all 20 seminars to be offered in 2010.

May 4, 2010 - **Control Mode Specific Application Sprinkler Rules**  
Kenneth E. Isman, P.E., NFSA Vice President of Engineering

May 18, 2010 - **Diesel Fuel Tanks for Fire Pumps**  
Kevin J. Kelly, P.E., NFSA Consultant

June 15, 2010 - **Soffits, Eaves and Overhangs**  
Russell P. Fleming, P.E., NFSA Executive Vice President  
July 20, 2010 - **Calculating Sprinklers Under Obstructions**  
Cecil Bilbo, Jr., C.E.T., NFSA Consultant

August 10, 2010 - **Air Venting and Relief Valves**  
Karl Wiegand, NFSA Manager of Installation Standards

August 31, 2010 - **When to Use NFPA 13R**  
Jeff Hugo, C.B.O., NFSA Manager of Codes

September 14, 2010 - **Alarm System Interface**  
Russell P. Fleming, P.E., NFSA Executive Vice President

September 28, 2010 - **Changes to Water Supply and Hose Stream Requirements**  
Karl Wiegand, NFSA Manager of Installation Standards

October 12, 2010 - **Dry Systems and Residential Occupancies**  
Kenneth E. Isman, P.E. NFSA Vice President of Engineering

October 26, 2010 - **High-Rise Buildings with Relationship to NFPA 14 and NFPA 20**  
Kevin J. Kelly, P.E., NFSA Consultant

November 9, 2010 - **Clearance to Storage**  
Victoria B. Valentine, P.E., NFSA Director of Product Standards

November 30, 2010 - **Rules for Revamping Systems**  
Russell P. Fleming, P.E., NFSA Executive Vice President

December 14, 2010 - **Pumps in Series**  
Kenneth E. Isman, P.E. NFSA Vice President of Engineering

## **Business Thursdays**

Live web based seminars scheduled on various Thursdays. The topics for the “Business Thursday” seminars have been specially selected to help the fire sprinkler contractor deal with current problem areas in the business environment.

**May 20, 2010 - Working with the News Media**  
**Dominick Kasmauskas - New York Regional Manager &**  
**Bob Kleinheinz - Illinois Regional Manager**

Whether you are a fire official, building official, or sprinkler contractor, we all must work on providing a proper message when interviewed by the local press or TV stations. Providing proper message to the media will help to alleviate any negative reports on sprinkler systems. Getting the media to report the proper facts and figures can bring a positive light on fire protection systems. This session will show us how to locate stories through media methods and also how to properly present the story.

**June 17, 2010 - Gathering Stakeholders and Building Bridges- Planning for the IRC adoption**  
**Bruce Lecair - West Regional Manager**

Tips on the importance of starting the IRC adoption process early, reaching out to potential opponents, building a strategic plan, setting common goals and objectives, identifying key stakeholders, identifying and resolving stakeholder issues, the importance of educating and listening, utilizing the STEEP (social, technological, economic, ecological and political) model for developing the final recommendations report, and getting the final product out to the stakeholders.