

Register by May 6 and Save!

**The Premier Event in
Fire & Life Safety**



nfpa

CONFERENCE & EXPO

Pre/Post-Conference Seminars
June 10–12 & 16, 2011

Conference & Expo
June 12–15, 2011

**June 12-15, 2011
Boston, MA**

Boston Convention &
Exhibition Center



Who Should Attend?

If you are a professional concerned with protecting lives and property using the principles of fire, electrical, and building safety, you don't want to miss the 2011 NFPA Conference & Expo!

Great Reasons to Attend:

- > **CHOOSE** from more than 130 educational sessions to enhance your career potential
- > **LEARN** from industry experts and the nation's leading codes authorities
- > **EARN** valuable CEUs you can apply toward your licensing requirements
- > **GAIN** the current information you can apply immediately on the job
- > **MEET** over 340 exhibitors eager to share their product and service knowledge with you
- > **NETWORK** with peers and make your voice heard at the Association Technical Meeting



**Go to nfpa.org/conference to Register
by May 6, 2011 and Save!**



Schedule at a Glance

FRIDAY—SATURDAY, JUNE 10-11

Pre-Conference Seminars 8:00 am - 4:30 pm

SUNDAY, JUNE 12

Education Sessions 8:00 am - 12:00 pm

Pre-Conference Seminars 8:00 am - 3:30 pm

General Opening Session 1:00 pm - 3:00 pm

Grand Opening of the Expo 3:30 pm - 7:30 pm

Networking Reception in the Expo 6:00 pm - 7:30 pm

MONDAY, JUNE 13

Education Sessions 8:00 am - 9:00 am

Featured Presentation 9:30 am - 10:30 am

Education Sessions 11:00 am - 12:30 pm

Expo 11:00 am - 4:00 pm

Education Sessions 2:45 pm - 5:15 pm

TUESDAY, JUNE 14

Education Sessions 8:00 am - 10:30 am

Expo 10:00 am - 2:00 pm

Spotlight Sessions 11:00 am - 12:00 pm

Association Technical Meeting 2:00 pm - completion

WEDNESDAY, JUNE 15

Association Technical Meeting 8:00 am - completion

THURSDAY, JUNE 16

Post-Conference Seminars 8:00 am - 4:30 pm

Top Ten Reasons to Attend

Here's why you belong at the largest industry event of its kind in North America.

Every year thousands of the top fire, electrical, and building safety professionals from all over the country—and around the world—consider attending the NFPA Conference & Expo a MUST. What do they know that keeps them coming back?

They know there's no better place to be when they're looking for ways to do a better job... update their knowledge... solve a problem... save money... make more money... keep up with their competition... and much more. Whatever their reasons may be, you're sure to find plenty of great reasons of your own to attend, including:

- 1 *Get information you can use on the job immediately.***
Sessions are geared toward practical knowledge that makes even complex safety issues easy to understand and apply in the workplace.
- 2 *Learn directly from the leading authorities.***
Conference speakers include the industry's most respected authorities, providing their expertise and insight.
- 3 *Gain up-to-date knowledge on current industry topics.***
NFPA helps develop the codes and standards, so you can be sure you're getting the most current technical information available.
- 4 *Select sessions for your specific needs.***
With 12 tracks and more than 125 sessions to choose from, you can schedule your time to maximum advantage.
- 5 *Earn valuable continuing education credits.***
CEUs will be awarded for most sessions and standards forums to help you keep up with your licensing requirements.
- 6 *Extend your training opportunities.***
Take advantage of pre- and post-conference seminars to get the maximum value from conference attendance.
- 7 *Make your voice heard.***
Take part in shaping future codes and standards at the Association Technical Meeting.
- 8 *Network with your peers.***
There will be plenty of opportunities to meet fellow professionals to exchange information and ideas.
- 9 *Meet more than 340 top solution providers at the Expo.***
The exhibit hall will be filled with product and services experts willing to share their knowledge and help solve your problems.
- 10 *Advance your career faster.***
Expand your professional perspective and industry profile and make yourself a more valuable asset to any business.

Conference Tracks

Use these 12 convenient tracks as a guide for planning your session attendance.

This year's conference offers more than 125 educational sessions divided into 12 tracks to help you find the sessions that best meet your professional needs. Determining your attendance schedule in advance is the best way to maximize the value of the time you have to spend.

BUILDING & LIFE SAFETY — 13 SESSIONS

Technologies, best practices, and statistical data needed by designers, engineers, and building and fire officials responsible for plans review, inspections, and other building-related tasks.

CODES & STANDARDS — 27 SESSIONS

Expert guidance on the practical application of NFPA codes and standards, as well as information on recent updates and changes.

DETECTION & NOTIFICATION — 14 SESSIONS

Code requirements and design issues affecting the application of new technologies in alarm and signaling systems, and the impact of maintenance on systems performance.

ELECTRICAL — 16 SESSIONS

Best practices in the electrical industry and how they are influenced by new electrical design issues, successful maintenance programs, effective inspection techniques, and safety programs.

EMERGENCY PREPAREDNESS/ BUSINESS CONTINUITY — 9 SESSIONS

The latest methodologies for accurately assessing risks and consequences, emergency preparedness, contingency planning, and incident management and recovery capabilities.

FIRE & EMERGENCY SERVICES — 15 SESSIONS

A look at what's new in fire-fighting technology, safety and preparedness for first responders, incident command strategies, and fire prevention and inspection techniques.

FIRE PROTECTION ENGINEERING — 17 SESSIONS

Ideas for meeting fire protection challenges using computer modeling, field testing, post-incident analyses, and other methods for developing performance-based building solutions.

sponsored by:



FIRE SUPPRESSION — 17 SESSIONS

The importance of proper design, installation, inspection, testing, maintenance, and plans review of sprinkler system effectiveness.

GREEN — 10 SESSIONS

How environmentally-friendly initiatives affect the design, maintenance, and testing of fire and life safety systems and components.



EDUCATION PROVIDER

See page 4.

LOSS CONTROL/PREVENTION — 17 SESSIONS

Strategies for mitigating risk through accurate assessment of occupancy and commodity classification, enhanced reliability of fire protection systems, and other risk factors.

PUBLIC EDUCATION — 17 SESSIONS

New planning strategies and creative solutions for meeting the challenges of effective public fire and life safety education.

RESEARCH — 24 SESSIONS

The latest research on critical fire and life safety initiatives, including the reliability of emerging technologies.

General Session

SUNDAY, JUNE 12 • 1:00 — 3:00 PM



Chair's Remarks
Thomas W. Jaeger, PE
Chair, NFPA Board of Directors



President's Report
James M. Shannon
President & CEO, NFPA



Daniel Gilbert, PhD, a professor of psychology at Harvard University and author of *Stumbling on Happiness*, will be the keynote speaker on Sunday, June 12. Professor Gilbert has won numerous awards for his research and teaching. His book, *Stumbling on Happiness*, spent

25 weeks on the New York Times bestseller list and has been translated into 30 languages. There will be a book signing in the Expo Hall at 3:30 pm after his address.

Featured Presentation

MONDAY, JUNE 13 • 9:30 — 10:30 AM



Lessons Learned Regarding Industrial Gas Safety Practices

Rafael Moure-Eraso
Chairperson, U.S. Chemical Safety Board

Spotlight Sessions

TUESDAY, JUNE 14 • 11:00 AM — 12:45 PM

> **Antifreeze Solutions and Automatic Fire Sprinkler Systems Panel Discussion**

MODERATOR: **Christian Dubay**, NFPA

Jim Lake, National Fire Sprinkler Association, and **Steven Wolin**, Code Consultants, Inc.

> **The High Cost of Fashion at the Triangle Shirtwaist Factory**

Casey Grant, Fire Protection Research Foundation

> **The Relationship Between OSHA Electrical Regulations and NFPA 70E®**

Kenneth Mastrullo, OSHA

> **Strengthening the Impact of Fire & Life Safety Messages on Children**

Andrea Gielen, **Dina L. Borzekowski**, EdD, and **Rajiv Rimal**, PhD, John Hopkins University

Education Sessions

Full session descriptions and a session search tool are available at nfpa.org/conference.

Preview the Conference Handouts!

Maximize your time in the sessions by downloading the handouts in advance! Handouts will be available to attendees on the conference website prior to and a month after the conference. USB drives with speaker handouts will be distributed to conference attendees.

Sunday, June 12

8:00 am – 12:30 pm (except as noted)

Committee Leadership Conference (CLC) CODES & STANDARDS

To create effective codes and standards that protect lives, NFPA relies on the democratic procedures of its codes and standards development process. The Committee Leadership Conference, held at this conference each year, teaches NFPA committee officers how to carry out their duties and responsibilities. The conference is open to anyone who wishes to attend, but committee officers are required to attend one of these sessions.

Advance registration is requested. Please contact Codes and Standards Administration at 1-617-984-7248 or by email at stds_admin@nfpa.org.

CFPS® Exam* (S01) (7:30 – 11:00 am)

Pre-exam activities begin at 7:30 am. The CFPS® Exam begins promptly at 8:00 am. Pre-registration is required. Your application form must be processed and approved by May 12. CFPS examination requirements and the application form are available in the Applicant & Certificate Holder Handbook: www.nfpa.org/assets/files/pdf/cfps handbook.pdf.

8:00 – 9:00 am (except as noted)

NFPA 13R – Application, Use and Limitations – Panel Discussion (S02) (8:00 – 10:00 am) FIRE SUPPRESSION

Proposed Changes to NFPA 720–2011 (S03) CODES & STANDARDS

Conflagration to Code: How Historic Building Fires Shaped Modern Codes (S04) BUILDING & LIFE SAFETY | CODES & STANDARDS

HVLS Fans and Sprinkler Operation: Results of a Three-Year Comprehensive Assessment of Performance (S05) FIRE SUPPRESSION | GREEN (1 GBCI CE hour)

Hazard Analysis and Flammable Liquid Protection Coverage (S06) FIRE SUPPRESSION

Developing Emergency Communication Strategies for Buildings (S07) DETECTION & NOTIFICATION

NFPA 1600: Business Continuity and Emergency Management: Partners in Preparedness and Response (S08) EMERGENCY PREPAREDNESS/BUSINESS CONTINUITY

Protecting Scotland's Heritage: Managing the Contract (S09) LOSS CONTROL/PREVENTION

Dust Explosions 101 (S10) FIRE PROTECTION ENGINEERING LOSS CONTROL/PREVENTION

Fire Performance Evaluation of Dry-Pipe Sprinkler Systems for Protection of High Rack Storages of Class III Commodity Using K-25.2 Sprinklers (S11) FIRE PROTECTION ENGINEERING FIRE SUPPRESSION

Using Infrared Thermography to Prevent Electrical Failures (S12) ELECTRICAL LOSS CONTROL/PREVENTION

Fire Education Designed for People with Developmental Disabilities (S13) PUBLIC EDUCATION

Fire Prevention & Protection Guidance for Renewable Energy Industries – NFPA 850 Update (S14) CODES & STANDARDS GREEN (1 GBCI CE hour)

Brush and Wildland Fires: The Surprising Facts You Need to Know (S15) FIRE & EMERGENCY SERVICES PUBLIC EDUCATION

Solar Photovoltaic Systems and the U.S. Regulatory Environment (S17) ELECTRICAL GREEN (1 GBCI CE hour)

The Culture of Poverty (S18) PUBLIC EDUCATION

9:30 – 10:30 am

Developing Friction Loss Coefficients for Modern Fire Hose (S20) FIRE & EMERGENCY SERVICES | RESEARCH

A History of Smoke Control Requirements in High-Rise Buildings (S21) BUILDING & LIFE SAFETY | CODES & STANDARDS

Reliability of Sprinkler Systems (S22) FIRE SUPPRESSION | LOSS CONTROL/PREVENTION

Evaluation of Extended Coverage (EC) Sprinklers for Nonstorage Applications (S23) FIRE PROTECTION ENGINEERING | RESEARCH

The 17 Mistakes Made in Emergency Plans – How to Avoid and Correct Them (S24) CODES & STANDARDS EMERGENCY PREPAREDNESS/BUSINESS CONTINUITY

A Simplified Approach for Assessing Initial Fire Development and Spread (S25) FIRE PROTECTION ENGINEERING | RESEARCH

What You Can't See, Can Kill You: Properly Managing the Risks of Air and Nitrogen (S26) LOSS CONTROL/PREVENTION

Making Fire and Life Safety Presentations Accessible for People Who Are Blind or Have Low Vision (S27) PUBLIC EDUCATION

Townhouse Fire Experiments (S28) FIRE & EMERGENCY SERVICES | RESEARCH

EV Charging Systems and the 2011 NEC® Requirements – Be Ready (S29) ELECTRICAL | GREEN

Changes in the 2011 Edition of NFPA 79, Electrical Standard for Industrial Machinery (S30) CODES & STANDARDS | ELECTRICAL

Liquid Fuel Fires: Fire Dynamics and Forensic Analysis (S32) FIRE PROTECTION ENGINEERING | RESEARCH

The Hazards of Combustible Metals – What You Don't Know May Injure or Kill Someone (S33) CODES & STANDARDS LOSS CONTROL/PREVENTION

Strategic Leap in Residential Fire Safety: Wide-Scale Home Visits (S34) PUBLIC EDUCATION

*CEUs do not apply.

CEUs – Continuing education units (CEUs) will be awarded for all education sessions, except those marked with an asterisk (*). You will be awarded 0.1 CEU for a one-hour session, 0.2 CEUs for a 2-hour session, etc. Full participation in a session is required for CEU credit.



EDUCATION PROVIDER

The US Green Building Council has approved 9 sessions within the 2011 NFPA Conference. Sessions offering GBCI CE hours, which may be applied towards your Credential Maintenance Program, are noted as “# GBCI CE Hours.”

“In this economic climate, the focal point of the conference is the value that NFPA puts into the education sessions.”

— Daniel P. Finnegan, CFPS,
Siemens Building Technologies, Inc.

FOR INFORMATION AND TO REGISTER
VISIT nfpa.org/conference
OR CALL 1-888-397-6209

11:00 am – 12:00 pm

Fire Cause Determination Using the Revised Chapter 18, NFPA 921 (S38)
CODES & STANDARDS

Strategies and Tools for Planning, Design and Use of Emerg. Communications Systems (S40)
DETECTION & NOTIFICATION
EMERGENCY PREPAREDNESS/BUSINESS CONTINUITY

Biggeststone Award Retrospective: 25 Years of Advances in FP Engineering and Research (S41)
RESEARCH

Mythbusters: Residential Sprinkler Messages for the Fire Service and Public Educators (S42)
PUBLIC EDUCATION

Smoke Detection in Computer Rooms and Data Centers (S43)
FIRE PROTECTION ENGINEERING
DETECTION & NOTIFICATION

Full Building Evacuation Strategies: The Precedents Set Globally (S44)
BUILDING & LIFE SAFETY

The 2012 Edition of NFPA 99 (S45)
CODES & STANDARDS

Natural Gas Piping and Purging: Safe Work Practices (S46)
LOSS CONTROL/PREVENTION

Sprinkler Plan Review – Avoiding the Usual Mistakes (S47)
FIRE SUPPRESSION

Updated FSRS to be Deployed Countrywide (S48)
FIRE & EMERGENCY SERVICES

Effect of Propylene Glycol/Water Solution on Suppression of Corrugated Cardboard Cartoned Commodities (S49)
LOSS CONTROL/PREVENTION | *RESEARCH*

Electrical Grounding and Bonding Revisions in the 2011 NEC® (S50)
ELECTRICAL

Firefighter Safety Considerations for Rooftop Photovoltaic (PV) System Installations (S51)
(11:00 am – 12:30 pm)
FIRE & EMERGENCY SERVICES | *RESEARCH*
GREEN (1 GBCI CE hour)

How Fire History Has Shaped the Fire Protection Environment of Today (S52)
BUILDING & LIFE SAFETY

1:00 – 3:00 pm

General Session

Monday, June 13

8:00 – 9:00 am

Voice Intelligibility Requirements of the 2010 Edition of NFPA 72® (M01)
DETECTION & NOTIFICATION

Safety and Industrial Hygiene Professionals: Critical Elements in Preparedness and Emergency Management (M02)
EMERGENCY PREPAREDNESS/BUSINESS CONTINUITY

Building Material Certification for Sustainability (M03)
CODES & STANDARDS
GREEN (1 GBCI CE hour)

Reconstructing the Sofa Super Store Fire – Understanding the Fire Dynamics (M04)
FIRE PROTECTION ENGINEERING

Proving Public Education Works: Raising a Fire Safe Generation of Children (M05)
PUBLIC EDUCATION

Proper Fire Protection for Unique Construction Features (M06)
FIRE PROTECTION ENGINEERING | *RESEARCH*

Safety Programs, Safe Workers (M07)
ELECTRICAL

Fire Safety Education and the Web: The Good, the Bad, and the Ugly (M08)
PUBLIC EDUCATION

Assessment of the Thermal Hazard from Fire Service Training Fires (M09)
FIRE & EMERGENCY SERVICES | *RESEARCH*

Water Application Rates for Fixed Fire Fighting Systems in Road Tunnels (M10)
FIRE SUPPRESSION

Health Care Hot Topics and AHJ Interpretations (M11)
CODES & STANDARDS

Ambulance Crash Safety Research (M12)
FIRE & EMERGENCY SERVICES
RESEARCH

NFPA 13–2010 Edition Technical Changes for Storage Occupancies (M13)
CODES & STANDARDS
FIRE PROTECTION ENGINEERING

Locating Fire-Resistance Designs Using New UL Online Application (M14)
BUILDING & LIFE SAFETY

Understanding Risk Analysis Concepts and Their Requirements in NFPA 72®–2010 Edition (M15)
DETECTION & NOTIFICATION

Life Safety Inspections (M16) – CANCELLED
BUILDING & LIFE SAFETY

9:30 – 10:30 am

Featured Presentation: Lessons Learned Regarding Industrial Gas Safety Practices

11:00 am – 12:30 pm

Improving Stairway Usability and Safety to Enhance Life Safety (M22)
BUILDING & LIFE SAFETY

Life Safety Code® for Health Care Occupancies 2000 to 2012 (M23)
BUILDING & LIFE SAFETY | *CODES & STANDARDS*

Understanding the U.S. Firefighter Fatality Problem in 2010 (M24)
FIRE & EMERGENCY SERVICES | *RESEARCH*

Flames in the W/UI: How Wildfire Mitigation Planning Can Minimize Risk to People and Property (M25)
EMERGENCY PREPAREDNESS/BUSINESS CONTINUITY

Commissioning of Smoke Control Systems – A Multi-Discipline Approach (M26)
BUILDING & LIFE SAFETY | *DETECTION & NOTIFICATION*

Flammable and Combustible Liquids in Plastic Containers: Understanding the Code, Case Study Implementation, and New Research (M27)
LOSS CONTROL/PREVENTION | *RESEARCH*

New Requirements in the 2012 NFPA 70E®, Standard for Electrical Safety in the Workplace® (M28)
ELECTRICAL

The Three E's: What Your Mother Never Told You about Engineering, Education, and Enforcement (M29)
PUBLIC EDUCATION

The 2010 and 2013 National Fire Alarm and Signaling Code – A Panel Discussion of Strategic Changes and Possible New Material (M30)
DETECTION & NOTIFICATION
FIRE PROTECTION ENGINEERING

The Relative Role of Smoke Detectors and Sprinklers in Providing Life Safety in Residential Occupancies (M31)
DETECTION & NOTIFICATION
FIRE SUPPRESSION

Education Sessions

Full session descriptions and a session search tool are available at nfpa.org/conference.

Get up-to-date conference details, listen to podcasts and view images from last year's conference in Las Vegas by visiting our blog: nfpa.typepad.com/conference

Monday, June 13 (continued)

11:00 am – 12:00 pm (except as noted)

NFPA Combustible Dust Standards Update (M32) (11:00 am – 12:30 pm)

CODES & STANDARDS | LOSS CONTROL/PREVENTION

AFG Fire Prevention and Safety Grants: The Reverse Panelist Experience (M20)

PUBLIC EDUCATION

Dark Tide: The Great Boston Molasses Flood of 1919* (M21)

ONLY THIS YEAR! – Book Signing and Educational Session by author and historian Stephen Puleo

Presented by author Stephen Puleo, *Dark Tide* is the first non-fiction account of the molasses flood, and the book places the event in its full historical context. Tracing the era from the tank's construction in 1915 through a multi-year lawsuit that followed the disaster, and drawing from long-lost court documents, Puleo uses the gripping drama of the molasses flood to examine the sweeping changes brought about by World War I, the anarchist movement, immigration, and the expanding role of government on big business and society. The Great Boston Molasses Flood claimed the lives of 21 people, injured 150, killed scores of animals, and caused widespread destruction. This presentation is followed by a book signing in the Expo Hall at 12:30 pm.



1:00 – 4:00 pm

Examen CEPI (Certificación para Especialistas en Protección contra Incendios) (M35)

2:45 – 3:45 pm (except as noted)

NFPA Standards Forum (M40) (2:00 – 6:00 pm)

CODES & STANDARDS

Residential Fire Tenability (M43)

FIRE PROTECTION ENGINEERING | RESEARCH

Risk Assessment & Business Impact Analysis: A Foundation of the Emergency Management and Business Continuity Program (M44)

EMERGENCY PREPAREDNESS/BUSINESS CONTINUITY

Do You Have Evaluation Phobia? We Have the Cure (M45)

PUBLIC EDUCATION

NFPA 3 Commissioning: What to Expect (M46)

*DETECTION & NOTIFICATION
FIRE PROTECTION ENGINEERING
FIRE SUPPRESSION*

Review of Significant Gas Accidents (M47)

*CODES & STANDARDS
LOSS CONTROL/PREVENTION*

Investigation, Mitigation, Spoliation, Litigation and Compliance with NFPA 921: The Forensic and Legal Response to a Large Loss Fire (M48)

LOSS CONTROL/PREVENTION

NFPA 25 – Change Is Good (M49)

FIRE SUPPRESSION | LOSS CONTROL/PREVENTION

National Trends in Delivery of Health and Long Term Care: Implications for Safety Codes and Standards (M50)

RESEARCH

Flammability of Upholstered Furniture (M51)

RESEARCH

Renewable Energy Requirements in the 2011 NEC® (M52)

*ELECTRICAL
GREEN (1.5 GBCI CE hours)*

Using Social Media to Expand Your Safety Message Outreach (M53)

FIRE & EMERGENCY SERVICES | PUBLIC EDUCATION

NFPA and APCO: Building a Better Future for Public Safety Personnel (M55)

FIRE & EMERGENCY SERVICES

4:15 – 5:15 pm

Developing and Maintaining a Comprehensive Medical Gas System Operation and Management Program (M60)

CODES & STANDARDS

NFPA 72 2010, Chapter 24 – Emergency Radio Communications Systems: Developing the Requirement Specific to the Needs of Your AHJ (M61)

DETECTION & NOTIFICATION

2011 Edition of NFPA 96: An Update on Commercial Cooking (M62)

FIRE SUPPRESSION

Evacuation Planning Awareness (M63)

*BUILDING & LIFE SAFETY
EMERGENCY PREPAREDNESS/BUSINESS CONTINUITY*

Fire Safety Research: Amsterdam's Cross Tower Building (M64)

FIRE SUPPRESSION

NFPA 110/111: Proposals for the 2013 Editions (M65)

ELECTRICAL

A Critical Review on the Estimation Methods for the Flammability of a Mixture (M66)

*FIRE PROTECTION ENGINEERING
LOSS CONTROL/PREVENTION*

Reinvigorating Electrical Safety (M67)

ELECTRICAL

My Child Knows Better ... Exploring Parental Myths (M68)

PUBLIC EDUCATION

RENI National Statistics System in Argentina (M69)

RESEARCH

NFPA 1124 – Application to Consumer Fireworks Retail Sales Facilities (M70)

CODES & STANDARDS

Performance-Based Design of Smoke Control Systems Using FDS (M71)

*BUILDING & LIFE SAFETY
CODES & STANDARDS*

Fire Protection Challenges in Data Centers (M72)

*DETECTION & NOTIFICATION
FIRE PROTECTION ENGINEERING
FIRE SUPPRESSION*

Report of U.S. National Electric Vehicle Safety Standards Summit (M73)

*ELECTRICAL
FIRE & EMERGENCY SERVICES
GREEN (1 GBCI CE hour)*

Social Media Open Forum (M74)

PUBLIC EDUCATION

“Attending the NFPA Conference & Expo was an absolute home run! I received maximum value for the content and presentation.”

— Troy Buzalsky,
Canby Fire District #62

FOR INFORMATION AND TO REGISTER
VISIT nfpa.org/conference
OR CALL 1-888-397-6209

Tuesday, June 14

8:00 – 9:00 am

Autism Awareness for Fire and Life Safety Education (T01)

FIRE & EMERGENCY SERVICES | PUBLIC EDUCATION

Validation of Fire Loads Survey Methodologies Used for Structural Fire Protection Design (T02)

RESEARCH

Smart Grid and NFPA Electrical Safety Codes and Standards (T03)

ELECTRICAL | RESEARCH

Barriers and Incentives Related to the Installation of Home Fire Sprinklers (T04)

RESEARCH | GREEN (1 GBCI CE hour)

Stress and Heart Disease in Firefighters: An “Athletic” Approach to Prevention (T05)

FIRE & EMERGENCY SERVICES

Building Information Modeling for the Fire Protection Engineer (T06)

FIRE PROTECTION ENGINEERING

Commissioning and Integrated Testing of Fire/Life Safety Systems – An AHJ Perspective (T07)

*FIRE SUPPRESSION
DETECTION & NOTIFICATION
CODES & STANDARDS*

Fire and Explosion Incidents Involving the Return of Filtered Air to a Manufacturing Facility (T08)

*FIRE PROTECTION ENGINEERING
LOSS CONTROL/PREVENTION*

Emergency Message Intelligibility – A Review of Design Strategies in Achieving What Is Required by Code and Standard (T09)

*DETECTION & NOTIFICATION
FIRE PROTECTION ENGINEERING*

Fighting Fires with Facts: It’s Time for the Fire and Emergency Services to Open Its Eyes – Information Sharing via NFIRS (T10)

FIRE & EMERGENCY SERVICES

Occupancy and Commodity Classifications for NFPA 13, Sprinkler System Design (T11)

FIRE SUPPRESSION

Threat Assessment for Emergency Planning (T12)

EMERGENCY PREPAREDNESS/BUSINESS CONTINUITY

9:30 – 10:30 am

Heliport Design & Safety I/A/W NFPA 418 (T17)

BUILDING & LIFE SAFETY | CODES & STANDARDS

Get Real Using NFPA’s Emergency Evacuation Planning Guide for People with Disabilities (T18)

*BUILDING & LIFE SAFETY
EMERGENCY PREPAREDNESS/BUSINESS CONTINUITY*

Fire Pump Testing: Does Your Test Meet NFPA 25–2011? (T19)

FIRE SUPPRESSION

Safety Evaluation of Nonmetallic Cable Damaged During Installation (T20)

ELECTRICAL | RESEARCH

Photovoltaic Systems – A 2011 NEC® Compliant Installation (T21)

*ELECTRICAL | CODES & STANDARDS
GREEN (1 GBCI CE hour)*

Advancements in Aerosol Packaging and Associated Fire Protection Strategies (T22)

LOSS CONTROL/PREVENTION | RESEARCH

Evaluation of Health Care Operating Rooms as Wet/Dry Locations (T23)

CODES & STANDARDS | ELECTRICAL

Characterizing the High-Temperature Performance of SCBA Facepieces (T24)

FIRE & EMERGENCY SERVICES | RESEARCH

We Have a Residential Sprinkler Code Adoption or Ordinance – Now What? (T25)

*BUILDING & LIFE SAFETY
FIRE SUPPRESSION*

How to Meet the Educational Challenges of Large Cities (T26)

PUBLIC EDUCATION

Litigation on Fire: NFPA 921 in the Eyes of the Judicial System (T27)

LOSS CONTROL/PREVENTION

Smoke Alarm Research and Certifications – A UL Perspective (T28)

DETECTION & NOTIFICATION | RESEARCH

11:00 am – 12:00 pm

Spotlight Sessions

Strengthening the Impact of Fire and Life Safety Messages on Children (T32)

PUBLIC EDUCATION

Dina L. Borzekowski, Andrea Gielen, and Rajiv Rimal,
Johns Hopkins University

Using a Fire Prevention Grant from the Department of Homeland Security, NFPA examined differences in the effects of positively and negatively framed messages on children’s attention, comprehension, and behavioral intention. This session will present the study results and provide a tool for creating and evaluating effective fire and life safety educational materials.

The Relationship Between the OSHA Electrical Regulations and NFPA 70E® (T33)

*CODES & STANDARDS
ELECTRICAL*

Kenneth Mastrullo, OSHA

This overview of workplace electrical safety issues, from both a compliance and user perspective, will address the correlation between OSHA regulations for General Industry and the requirements in NFPA 70E®. The information will also assist employers in converting the OSHA electrical safety-related work practices into comprehensive protective strategies for workers.

The High Cost of Fashion at the Triangle Shirtwaist Factory (T34)

*BUILDING & LIFE SAFETY
CODES & STANDARDS*

Casey Grant, Fire Protection Research Foundation

One hundred years ago, the tragic fire at the Triangle Shirtwaist Company in New York City took the lives of 146 workers and became a turning point in the progress of fire safety. The session will trace how this single fire resulted in significant advances in fire protection codes and standards — including the direct genesis of NFPA 101®, Life Safety Code® — and in the American labor movement as well.

Antifreeze Solutions and Automatic Fire Sprinkler Systems – Panel Discussion (T35)

(11:00 am – 12:45 pm)

*CODES & STANDARDS
FIRE SUPPRESSION*

MODERATOR: **Christian Dubay,** NFPA
PANEL: **Jim Lake,** National Fire Sprinkler Association, **Steven Wolin,** Code Consultants, Inc., and **Matt Klaus,** NFPA

The ongoing controversy surrounding the use of antifreeze solutions for freeze protection in automatic fire sprinkler systems and recent fire incidents have brought this issue to the forefront of automatic fire sprinkler standards. This panel discussion will provide a detailed review on the history of antifreeze solution within codes and standards, recently completed research, the actions of NFPA, and the current status of the codes and standards.

Pre- and Post-Conference Seminars

ALL SEMINARS RUN FROM 8:00 AM TO 4:30 PM EXCEPT AS NOTED.

3-Day Seminars • Fri-Sun, June 10-12

NOTE: Three-day seminars conclude at 3:30 pm Sunday to allow FREE EXPO attendance. Visit the opening of the NFPA expo hall after your seminar to evaluate hundreds of products and services under one roof! Stay for the Networking Reception at 6:00 pm and connect with your peers.

NFPA 70E®: Electrical Safety in the Workplace® Certificate Program*

Paul A. Dobrowsky, Innovative Technology Services

Each year hundreds of workers are injured or killed by contact with energized electrical circuits, and thousands more are severely burned or killed by arc flash and arc blast. People who may be exposed to energized electrical conductors, or who are responsible for worker safety, need to stay current with electrical safety procedures. Learn the vital information you need to reduce injuries and comply with OSHA 1910.331-335 and OSHA 1926.416-417 for construction. Earn your NFPA 70E Certificate of Educational Achievement by successfully completing the exam on Day 3. (Price includes a copy of NFPA 70E.)

*Certificate does not fulfill all requirements of NFPA 70E 110.6 (D)(1) for "Qualified Person." For general information, including purpose and limitations of NFPA Certificates go to NFPA.org/certificate (FAQs).

NFPA 13: Installation of Sprinkler Systems

Maurice Pilette, CFPS, PE, Mechanical Designs Ltd

This seminar effectively illustrates the concepts and requirements for the installation of water-based automatic sprinkler systems and how they apply to specific hazards. Learn about hazard and occupancy classification, requirements for various sprinkler system components, types of sprinkler systems and their operation, installation requirements for the various types of sprinklers, system hanging and seismic bracing, protection of storage occupancies, protection of special hazards, and the organization of NFPA 13 itself. (Price includes a copy of NFPA 13.)

NFPA 72®: National Fire Alarm and Signaling Code

Robert P. Schifiliti, PE, President, R.P. Schifiliti Associates, Inc.

This seminar will bring your knowledge up-to-code with in-depth instruction on the planning, design, approval, installation, testing, and use of fire detection and alarm systems, plus key elements of single and multiple-station alarms and household fire alarm systems. This seminar maximizes its impact through dynamic discussions and helpful exercises. (Price includes a copy of NFPA 72.)

NFPA 101®: Life Safety Code® Essentials

Ron Coté, PE, Principal Life Safety Engineer, NFPA, and Kristin Collette, PE, Fire Protection Engineer, NFPA

Get the tools you need to apply the code with confidence through this 3-day seminar taught by NFPA experts. You can ensure your organization is in compliance and make certain the people in your facility are safe during any emergency with this important seminar. (Price includes a copy of NFPA 101.)

2-Day Seminars • Fri-Sat, June 10-11

Seminario NFPA 25 (presentado en español)

Jaime Moncada

Lea la descripción completa en www.nfpa.com/conference.

Life Safety Code for Health Care Occupancies

James K. Lathrop, Vice President, Koffel Associates

According to Federal requirements, all health care facilities that receive Medicare or Medicaid funding must comply with NFPA 101®, *Life Safety Code*®. Whether your facility receives government funding or not, this seminar will help you understand the concepts found in the *Life Safety Code* and their application to health care occupancies, including egress, horizontal exits, and fire and smoke barriers.

CFPS® Primer

Experts from the Maryland Fire and Rescue Institute

A high level of proficiency with the NFPA *Fire Protection Handbook*® is crucial to your success on the CFPS examination. The CFPS Primer, while not a test prep seminar, offers practical instruction to help you quickly locate information found in the FPH. If you are serious about your career in fire protection, the CFPS credential serves as a distinguished mark of achievement.

(Price includes the 2-volume NFPA FPH. Requirements for the CFPS exam and certification can be found at www.nfpa.org/certification.)

Code Requirements for Maintaining Fire & Life Safety Systems

Milosh Puchovsky, P.E., FSFPE, Professor, Worcester Polytechnic Institute

If you are a professional involved in the maintenance of fire protection life safety equipment, you know how important it is to maintain your systems to ensure that they function properly when needed. This 2-day seminar provides an overview of the inspection, testing, and maintenance requirements found in more than a dozen NFPA codes and standards. (Workbook includes excerpts specific to inspection, testing, and maintenance from more than a dozen NFPA codes and standards.)

NFPA 1600®: Disaster/Emergency Management and Business Continuity Programs

Donald L. Schmidt, ARM, CBCP, CBCLA, CEM, Chair of the NFPA 1600 Technical Committee, and CEO, Preparedness, LLC

Acknowledged by both the Department of Homeland Security and the 9/11 Commission, the national preparedness standard (NFPA 1600) provides a "total program approach" to the challenge of integrating disaster and emergency management with business continuity planning. You will learn to use a standardized process to mitigate and prepare for disasters and emergency situations, while developing response and recovery plans. Whether you are establishing a new program or reviewing and improving your existing program, you will find this practical seminar essential. (Price includes a copy of NFPA 1600.)

NFPA 1: Fire Code

Jim Dolan, Regional Manager, NFPA

NFPA 1 provides a comprehensive set of requirements for fire and life safety, as well as property protection. This 2-day seminar will cover the purpose, usage, navigation, and application of this widely adopted code and provide you with a thorough understanding of life safety and property protection issues, including automatic sprinklers, standpipes, operating features, occupancies, exits, and fire lanes. Equipment, processes, hazardous materials, and general fire safety will also be addressed. (Price includes a copy of NFPA 1.)

Sprinkler Hydraulics

Bob G. Caputo, CFPS, CET, President & CEO, Consolidated Fire Protection, Inc.

Calculate and review sprinkler system hydraulics during this intensive 2-day seminar for engineers, contractors, enforcers, and insurance professionals. Participants will learn how to determine occupancy classification and complete sprinkler discharge calculations, including selection of the sprinkler K factor. Features influencing friction loss will be considered, along with water supply and system demand. Sample branchline and whole system calculations will be covered. Scientific calculator required. (Price includes a copy of NFPA 13.)

NFPA 921: Guide for Fire and Explosion Investigations

Dan Churchward, President, Kodiak Fire & Safety Consulting; Dennis Smith, Fire Investigation Expert

In this 2-day seminar, experts who have conducted thousands of investigations and have participated in the development of the 2011 NFPA 921 will teach how to become more proficient in determining the origin and cause of fires using the procedures and guidelines for conducting safe, thorough, and effective investigations. Core chapters of NFPA 921, including basic methodology, basic fire science, fire patterns, electricity and fire, appliances, spoliation, origin determination and cause determination will be covered. Fire inspectors and investigators, forensic engineers, litigators, and insurance loss control specialists will all benefit. (Price includes a copy of NFPA 921.)

1-Day Seminars • Friday, June 10

NFPA 70E® Changes

Bobby Gray, Industry Consultant

The 2012 edition of NFPA 70E has undergone many changes from the previous edition. With more than 540 proposals and 430 comments to committee actions on the proposals, a principal member of the NFPA 70E Technical Committee will provide insight into committee discussions and an in-depth discussion of the most significant changes and potential impacts the changes may have on electrical work practices in employee workplaces. Learn how the Hazard/Risk Tables have been reformatted and review the addition of DC hazard controls. New labeling requirements for equipment posing an arc-flash hazard, as well as the complete overhaul of Article 320 will also be covered.

Instructors and seminars are subject to change.

Pre/post-conference seminars are offered at a substantial discount from NFPA's regular seminar pricing. See Registration Form on page 14.



FOR INFORMATION AND TO REGISTER
VISIT nfpa.org/conference
OR CALL 1-888-397-6209

Emergency and Standby Power

Mark R. Hilbert, Chief Electrical Inspector,
State of New Hampshire

Referring to Articles 700, 701, and 702 of the NEC®, the discussion will focus on the electrical installation requirements for emergency, legally required and optional standby systems, circuits and equipment that are intended to supply, distribute, and control electricity when the normal supply has been interrupted. Topics will include requirements for types of power supplies, separation of circuits, identification, grounding, transfer switches and location of disconnecting means. (Price includes workbook and a copy of the NEC.)

Explosion Prevention & Protection

Guy Colonna, Division Manager, Industrial &
Chemical Engineering, NFPA

Industrial processes that handle flammable liquids, gasses, and combustible particulate solids are subject to combustion events that can lead to explosions. NFPA 68, *Venting of Deflagrations*, and NFPA 69, *Explosion Prevention Systems*, provide methods to control and mitigate the explosion events. (Price includes seminar workbook, NFPA 68, and NFPA 69.)

Sprinkler Plans Review

Brad Cronin, Industry Consultant

In this intensive 1-day seminar you will get hands-on experience with actual plans, learn how to read plans and specifications, and meet submittal requirements for new fire protection systems or for modifications to existing systems. A good working knowledge of NFPA 13 is highly recommended. (Price includes NFPA 13.)

1-Day Seminars • Saturday, June 11

Dust Explosion Hazards

Guy Colonna, Division Manager, Industrial &
Chemical Engineering, NFPA

This seminar defines crucial terms used in explosion hazard management, outlines the process of a dust deflagration and provides real-world examples of hazardous areas with key indicators regarding how to recognize an explosion hazard when one is encountered. The seminar then reviews NFPA 654, *Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing and Handling of Combustible Particulate Solids*, 2006 Edition, and shows how the provisions of this standard are used to manage the dust explosion hazard to a level that is deemed acceptable under the currently adopted building codes. (Price includes a copy of NFPA 654.)

Hazardous (Classified) Locations

Mark R. Hilbert, Chief Electrical Inspector,
State of New Hampshire

This information packed seminar concerning articles 500-516 of the NEC (concentrating on areas classified by Class and Division), will help you control electrical sources of ignition in areas where flammable or combustible material may be present. An understanding of this topic will allow you to take a specific description of locations, processes, and materials, and develop policies for the electrical aspects of fire and explosion prevention, protecting both lives and property.

Fire Protection Concepts and Analysis for Property Loss Prevention

Bruce Clark, CFPS, LEED AP, VP-Eastern Region Field
Manager, Global Asset Protection Services, LLC,
(NFPA 25 Committee Member)

This seminar covers concepts around risk evaluation (both property and business continuity) to help you evaluate potential hazards within your facilities. Learn how engineering analyses, which reference NFPA standards and others, are used to adequately protect property and the importance of having effective management loss prevention and control programs including: evaluating and analyzing fixed fire protection systems, construction features related to fire protection, special occupancy hazards, and emergency response planning. Reduce your company's exposure by understanding how insurance companies and fire protection consultants structure property insurance programs and evaluate "risk" to write good business.

SPFE's Overview of Smoke Management Systems

Mike Ferreira, PE, Hughes Associates, and
Jim Milke, PhD, PE, University of Maryland

This 1-day seminar is intended for professionals, including code enforcement officials, plans examiners and technicians who review the design of smoke management systems. Learn the following subject areas covered in NFPA 92A and 92B: (1) fundamentals (composition of smoke and forces that affect smoke movement) (2) stairwell pressurization systems, (3) zoned smoke control systems, (4) smoke management systems in atria and covered malls, (5) acceptance tests for smoke management systems and (6) case studies. The discussion will focus on providing a basis for evaluating critical design assumptions, proper use of design tools, and acceptable levels of performance. Case studies will provide examples of properly designed systems versus systems where design deficiencies can be identified.

National Electrical Code® for Photovoltaics

Mark C. Ode, Staff Engineering Associate,
Underwriters Laboratories, Inc.

Presented by UL and NFPA, this seminar on designing and installing photovoltaic (PV) systems will cover the 2011 NEC, including Article 690. Upon completion, a person familiar with NEC basics should be able to effectively design, install or inspect PV systems for code compliance. Topics covered in this workshop include: introduction to PV systems and equipment, NEC general PV requirements, PV module cable types and ampacity calculations, DC overcurrent device and disconnect selection and ratings, utility interconnections—residential and commercial—and common errors in PV design and installation. A basic knowledge of the NEC is required. (Price includes a copy of the 2011 NEC.)

Fireground Operations 101:

NFPA Standards and Code Enforcement

Ken Williams, Chief Fire Officer, Fire Protection
Division, Fire Department, Technical Staff and
Massachusetts Firefighting Academy Staff

Cancelled

NEW FOR 2011! POST-CONFERENCE SEMINARS offered for the first time this year!

1-Day Seminars • Thursday, June 16

NFPA 99: Standard for Health Care Facilities Update

James K. Lathrop, Vice President, Koffel Associates

Since 2005, NFPA 99's technical committees have been working to completely revamp this important standard. Join technical committee member James Lathrop as he discusses some of the major changes in store for the 2012 edition including changes to requirements for electrical equipment and systems, medical gasses, gasses equipment, and laboratories. Included in the discussion will be what happened at this year's association technical meeting held the previous day.

NFPA 3: Recommended Practice on Commissioning and Integrated Testing of Fire Protection and Life Safety Systems

Shane M. Clary, PhD, Vice President, Codes and
Standards Compliance, Bay Alarm Company, Inc.

In this seminar you will receive an overview of the new standard, as well as descriptions of each component of the commissioning plan. Join us to hear the what, where, when, and how of this new document—and to whom it applies.

NFPA 101®: Life Safety Code® Changes

Joe Versteeg, Principal, Versteeg Associates

NFPA 101 addresses construction, protection, and occupancy features necessary to minimize danger to life from the effects of fire. Join technical committee member Joe Versteeg as he discusses some of the major updates planned for the 2012 edition of this vital code. Results from the previous day's technical committee meeting will also be discussed.

Fire Alarm Interfaces

Lawrence J. Wenzel, CFPS, PE, Sr. Fire Protection
Engineer, Hughes Associates, Inc.

Learn about systems and equipment that are typically controlled or monitored by the fire alarm system including: networked fire alarm systems, suppression systems, security systems, elevators, smoke doors, and HVAC. Designed for anyone involved with fire alarm interfaces including: designers, engineers, installers, inspectors, facility managers, insurers, and project managers.

Earn valuable CEUs by attending these pre/post conference seminars. Upon completion, you will receive 2.1 CEUs for 3-day seminars, 1.8 CEUs for the 3-day NFPA 70E® Certificate of Educational Achievement, 1.4 CEUs for 2-day seminars, and .7 CEUs for 1-day seminars.

The Expo

June 12-14, 2011

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- > Evaluate thousands of products under one roof
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- > Find answers to code questions and interpretations
- > Discover solutions to your technical challenges
- > Develop specs for a current project
- > Grow your personal and professional contacts
- > Stay current with latest innovations

EXPO HOURS

Sunday, June 12

Expo 3:30 – 7:30 pm
Networking Reception 6:00 – 7:30 pm

Monday, June 13

Expo 11:00 am – 4:00 pm

Tuesday, June 14

Expo 10:00 am – 2:00 pm

Networking Reception

Sunday, June 12, 6:00–7:30 pm
in the Expo Hall

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Connect with your peers at this networking event. Food and beverages will be provided.

Enter the Grand Prize Giveaway to win \$1,000 CASH!

Complete the entry form found in your attendee tote bag and enter the DAILY DRAWING for \$1,000 cash!

Drawings will be held on Sunday at 7:15 pm, Monday at 3:45 pm, and Tuesday at 1:45 pm.

You must be present in the grand prize area to win!

Three days of sessions in the NFPA Exhibitor Presentation Theater. You'll have free access to a wide-ranging agenda including product evaluations, installation training, and systems testing.

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Exhibitors as of December 17, 2010

3M Company	DecoShield Systems, Inc.	Gripple, Inc.	NCVW Management Group	SEVO Systems
Academy of Fire Sprinkler Technology, Inc.	DENIOS, Inc.	Guardian Safety Solutions Internat'l, Inc.	Net Safety Monitoring, Inc.	Shanghai Berlinda Fire-Fighting & Mechanical Equip
ACAF Systems, Inc.	Detector Electronics Corp.	H.R. Kirkland Co., Inc.	Nextteq LLC	Shurjoint Piping
Acoustic Technology, Inc.	Deutz Corporation	Halon Banking Systems	NFPA	Siemens Industry, Inc.
Advanced Fire Systems, Inc.	Digitize, Inc.	Harrington Signal, Inc.	NIBCO, Inc./TOLCO, A Division of NIBCO, Inc.	Sierra Monitor Corporation
AES Corporation	Dixon Powhatan	Harvel Plastics, Inc.	NICET	Silent Call Communications
Air Products and Controls, Inc.	Door Safety Council/BHMA	Heary Bros. Lightning Protection Co., Inc.	NIMCO, Inc.	Silent Knight
AirSense Technology	Draeger Safety, Inc.	Hemming Fire Portfolio	NITC	SimplexGrinnell
Akron Brass Company	Draka Cableteq USA	Hiller New England Fire Protection, Inc.	Noble Company	Singer Valve
All State Tank Manufacturing, LLC	DRI International	Hochiki America Corp.	NOREL Service Co., Inc.	Smith-Cooper International
Altronix Corporation	DuPont Company	Honeywell Fire Systems	Notifier	Society of Fire Protection Engineers
AMCA International, Inc.	DuraSystems Barriers, Inc.	Hoover Treated Wood Products, Inc.	OCV Control Valves	Spears Manufacturing Company
Amerex Corporation / Getz Manufacturing	EasyFlex, Inc.	Housing Devices, Inc.	Oklahoma State University	Specified Technologies, Inc.
American Fire Sprinkler Association	Eaton Corporation	HRS Systems, Inc.	OnSite Software, Inc.	Spectrex, Inc.
American Marsh Pumps	Edwards, a UTC Fire & Security Company	Hubbell Industrial Controls, Inc.	Orr Protection Systems	SPP Pumps, Inc.
American Pacific - Halotron Division	Electrical Safety Foundation	Huguenot Laboratories, Inc.	Oseco	Steel Grip, Inc.
American Pyrotechnics Association	Elmridge Protection Products, LLC	Huzhou Baiye Industry Co., Ltd.	Palmer Wahl Instrumentation Group	System Sensor
Anvil International	Emergi-Lite / Thomas & Betts	Hydratec, Inc.	Paradise Industry Co., Ltd.	Tank Connection, LLC
Apollo Fire Detectors	ERICO, Inc.	Hydro Flow Products, Inc.	Patterson Pump Company	Task Force Tips, Inc.
Armstrong Limited	Evac+Chair North American, LLC	International Association of Arson Investigators	Peerless Pump Company	Technology Research Corporation (TRC)
AsBuilt Engineered Systems	Evax Systems	International Association of Fire Chiefs	Pentair Water	Telgian
ASCET	Fab-Tech, Inc.	International Code Council	PG Lifelink	The Center for Campus Fire Safety
Ashburn Hill Corp.	Federal Signal Corporation	International Municipal Signal Association	Pioneering Technology, Inc.	The Counter Terrorist - SSI
Auburn Manufacturing, Inc.	Fenwal Protection Systems	Intertek	Pittsburg Tank & Tower Maintenance Company, Inc.	The McMullen Company
AuSuM Systems	Fenwal Explosion Protection Systems	ITW Buildex	Plumbing Engineer Magazine	The Phoenix Society for Burn Survivors, Inc.
Automatic Fire Alarm Association	FETN / Fire & Emergency Training Network	Janus Fire Systems	Potter Electric Signal Company	The Protectowire Company, Inc.
Automation Displays, Inc.	FieldServer Technologies	Joslyn Clark Controls	Potter Roemer	The Signal Source
Badger Fire Protection	Fike Corporation	Keltron Corporation	Predictive Service	THETW
Batteries Plus, LLC	Fire Fighting Enterprises	Kennedy Valve Company	Protective Industrial Products	Tiscor
Bender, Inc.	Fire Safety Displays Co.	Kidde Fire Systems	Pyrogen Aerosol Firepak	Tomco Fire Systems
BlazeMaster Fire Sprinkler Systems	Fire Sentry Corporation	King Fisher Company, Inc.	QAI Laboratories, Inc.	Tornatech, Inc.
Blobel Environmental Engineering, LLC	FireDos	Knox Company	R.B. Allen Company, Inc.	TYCO Fire Suppression & Building Products
Board of Cert. Safety Professionals (BCSP)	FireFlex Systems, Inc.	Korea Institute of Fire Industry & Technology	R.STAHL	Underwriters Laboratories, Inc.
Buckeye Fire Equipment Company	FIREPRO, Incorporated	Liberty Mutual Group	RANDL Industries, Inc.	Union Lightning Protection Installers
BuildingReports.com	Fire-Lite Alarms	Life Safety Services	Rectorseal Corporation	University of Maryland
BullEx Digital Safety	Fire-Professionals.com	Loos & Co.	Reliable Automatic Sprinkler Company	Uponor, Inc.
C.O.P.S. Monitoring	Fire-Stop Systems	LPCB	REMBE, Inc.	USA Tank Storage Systems
Cease Fire, LLC	Firetrace International	M.E.P. CAD, Inc.	RemTec International	Vibro-Meter, Inc.
CEC Combustion Services Group	Firetrol Products / ASCO Power Technologies	Marioff, Inc.	Renewable Fuels Association	Victaulic
Chemtron Fire Systems	FLAMEX, Inc.	Master Control Systems, Inc.	Retrotec, Inc.	Viega LLC
Chemguard, Inc.	Flexhead Industries, Inc.	Maxi-Signal Products Co.	Road Sprinkler Fitters Local Union 669	Viking Group
Clarke Fire Protection Products, Inc.	FM Approvals	Mayes Coatings & Insulation, Inc.	Robotronics, Inc.	Vinyl Siding Institute
CLA-VAL	FPE Software, Inc.	Metl-Span, LLC	Rotarex, Inc. North America	Wagner Products GmbH
Columbia Southern University	FPW	Metraflex Co.	Safe Fire Detection, Inc.	Watts Water Technology
Columbian TecTank	Gamewell-FCI	Metron, Inc.	Safety Technology International, Inc.	Wesco HMB, Inc.
Comark Corporation	Garvin Industries	Micropack Detection Americas, Inc.	Scott Health & Safety	Wet or Dry Tank Inspection
Conrady Consultant Services	Gemini Scientific Corp.	Minimax USA, Inc.	SDi	Wheatland Tube Company
Construction Specialties, Inc.	General Air Products, Inc.	Mircom Group of Companies	Securiplex LLC	Wilkins
Containment Solutions, Inc.	Gentex Corporation	MSS Software	Security Dealer & Integrator Magazine	Williams Fire & Hazard Control, Inc.
Cooper Notification	Gerand Engineering Company	Napco Security Systems	Security Sales & Integration/Campus Safety Magazine	Worcester Polytechnic Institute
Cornell Communications, Inc.	Global Risk Consultants	National Code Services Association	Senju Sprinkler	Xerxes Corporation
Crocker Division - Fire-End & Crocker Corp.	Global Vision, Inc.	National Fire Sprinkler Association	Senscient	Xtralis
Crowcon Detection Instruments	Glove Guard LP	National Training Center	Sensit Technologies	Zurich Services Corporation
Cummins Fire Power	Gold Line Connector, Inc.	Natural Fire Solutions		
DACS, Inc.	GreCon, Inc.			

Association Technical Meeting

TUESDAY, JUNE 14 • 2:00 PM | WEDNESDAY, JUNE 15 • 8:00 AM

The Association Technical Meeting will begin at 2:00 pm on Tuesday, June 14, and will continue on Wednesday, June 15, with breaks as required. Under the rules now in effect, only Certified Amending Motions (with valid sign-in) and proper Follow-up Motions will be allowed for NFPA Documents processed in the Fall 2010 and Annual 2011 Revision Cycles. The Agenda for the meeting will be those Documents with Certified Amending Motions as indicated in the Report of the Motions Committee on Certified Amending Motions. The Report of the Motions Committee on Certified Amending Motions for the Fall 2010 Revision Cycle was available on November 19, 2010; and for the Annual 2011 Revision Cycle, the Report will be available on May 6, 2011.

For more information on the Report of the Motions Committee, as well as applicable rules [see Regulations Governing Committee Projects (Regs.) and the Technical Meeting Convention Rules] log onto <http://www.nfpa.org/itemDetail.asp?categoryID=1088&itemID=25329>

FALL 2010 REVISION CYCLE

The Motions Committee of the NFPA Standards Council has determined that the following Documents have at least one Certified Amending Motion that may be presented at the 2011 Association Technical Meeting in Boston:

- NFPA 51A** *Standard for Acetylene Cylinder Charging Plants*
- NFPA 79** *Electrical Standard for Industrial Machinery*
- NFPA 2001** *Standard on Clean Agent Fire Extinguishing Systems*

The following are Documents that reported in the Fall 2010 Revision Cycle. They are now considered Consent Documents because they received no Notice of Intent to Make a Motion (NITMAM) and were forwarded directly to the Standards Council for issuance:

- NFPA 2** *Hydrogen Technologies Code*
- NFPA 12** *Standard on Carbon Dioxide Extinguishing Systems*
- NFPA 16** *Standard for the Installation of Foam-Water Sprinkler and Foam-Water Spray Systems*
- NFPA 18A** *Standard on Water Additives for Fire Control and Vapor Mitigation*
- NFPA 31** *Standard for the Installation of Oil-Burning Equipment*
- NFPA 32** *Standard for Drycleaning Plants*
- NFPA 35** *Standard for the Manufacture of Organic Coatings*
- NFPA 85** *Boiler and Combustion Systems Hazards Code*
- NFPA 102** *Standard for Grandstands, Folding and Telescopic Seating, Tents, and Membrane Structures*
- NFPA 251** *Standard Methods of Tests of Fire Resistance of Building Construction and Materials*
- NFPA 253** *Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source*
- NFPA 262** *Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces*
- NFPA 265** *Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile Coverings on Full Height Panels and Walls*
- NFPA 286** *Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth*
- NFPA 418** *Standard for Heliports*
- NFPA 730** *Guide for Premises Security*
- NFPA 731** *Standard for the Installation of Electronic Premises Security Systems*
- NFPA 901** *Standard Classifications for Incident Reporting and Fire Protection Data*
- NFPA 921** *Guide for Fire and Explosion Investigations*
- NFPA 1192** *Standard on Recreational Vehicles*
- NFPA 1194** *Standard for Recreational Vehicle Parks and Campgrounds*
- NFPA 1405** *Guide for Land-Based Fire Fighters Who Respond to Marine Vessel Fires*
- NFPA 1912** *Standard for Fire Apparatus Refurbishing*
- NFPA 1977** *Standard on Protective Clothing and Equipment for Wildland Fire Fighting*
- NFPA 1984** *Standard on Respirators for Wildland Fire-Fighting Operations*

ANNUAL 2011 REVISION CYCLE

The Motions Committee Report on Documents in this cycle will be posted on the NFPA website no later than May 6, 2011. Following are documents in the Annual 2011 Revision Cycle that could receive a Notice of Intent to Make a Motion (NITMAM) and be presented for action at the 2011 Association Technical Meeting in Boston.

- NFPA 1** *Fire Code*
- NFPA 3** *Recommended Practice on Commissioning and Integrated Testing of Fire Protection and Life Safety Systems*
- NFPA 15** *Standard for Water Spray Fixed Systems for Fire Protection*
- NFPA 30** *Flammable and Combustible Liquids Code*
- NFPA 30A** *Code for Motor Fuel Dispensing Facilities and Repair Garages*
- NFPA 54** *National Fuel Gas Code*
- NFPA 59** *Utility LP-Gas Plant Code*
- NFPA 70E®** *Standard for Electrical Safety in the Workplace®*
- NFPA 80A** *Recommended Practice for Protection of Buildings from Exterior Fire Exposures*
- NFPA 90A** *Standard for the Installation of Air-Conditioning and Ventilating Systems*
- NFPA 90B** *Standard for the Installation of Warm Air Heating and Air-Conditioning Systems*
- NFPA 92** *Standard for Smoke Management Systems*
- NFPA 92A** *Standard for Smoke-Control Systems Utilizing Barriers and Pressure Differences*
- NFPA 92B** *Standard for Smoke Management Systems in Malls, Atria, and Large Spaces*
- NFPA 99** *Standard for Health Care Facilities*
- NFPA 101®** *Life Safety Code®*
- NFPA 204** *Standard for Smoke and Heat Venting*
- NFPA 220** *Standard on Types of Building Construction*
- NFPA 221** *Standard for High Challenge Fire Walls, Fire Walls, and Fire Barrier Walls*
- NFPA 232** *Standard for the Protection of Records*
- NFPA 318** *Standard for the Protection of Semiconductor Fabrication Facilities*
- NFPA 407** *Standard for Aircraft Fuel Servicing*
- NFPA 414** *Standard for Aircraft Rescue and Fire-Fighting Vehicles*
- NFPA 484** *Standard for Combustible Metals*
- NFPA 664** *Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities*
- NFPA 703** *Standard for Fire-Retardant Treated Wood and Fire-Retardant Coatings for Building Materials*
- NFPA 704** *Standard System for the Identification of the Hazards of Materials for Emergency Response*
- NFPA 720** *Standard for the Installation of Carbon Monoxide(CO) Detection and Warning Equipment*
- NFPA 790** *Standard for Competency of Third Party Field Evaluation Bodies*
- NFPA 791** *Recommended Practice and Procedures for Unlabeled Electrical Equipment Evaluation*
- NFPA 820** *Standard for Fire Protection in Wastewater Treatment and Collection Facilities*
- NFPA 1081** *Standard for Industrial Fire Brigade Member Professional Qualifications*
- NFPA 1125** *Code for the Manufacture of Model Rocket and High Power Rocket Motors*
- NFPA 1141** *Standard for Fire Protection Infrastructure for Land Development in Suburban and Rural Areas*
- NFPA 1142** *Standard on Water Supplies for Suburban and Rural Fire Fighting*
- NFPA 2112** *Standard on Flame-Resistant Garments for Protection of Industrial Personnel Against Flash Fire*
- NFPA 2113** *Standard on Selection, Care, Use, and Maintenance of Flame-Resistant Garments for Protection of Industrial Personnel Against Flash Fire*
- NFPA 5000®** *Building Construction and Safety Code®*

Make the Most of Your Trip

Welcome to Boston!

Take advantage of our wonderful host city while you're here for the NFPA® Conference & Expo. Boston is one of the world's favorite cities and a leading national tourist destination. Built around the shores of the Charles River and Boston Harbor, there's so much to see and do in this lively city. And June is a perfect time to visit, with dependable fair weather and average temperatures in the high '60s.

As one of more than 18 million annual visitors to Boston, enjoy a city full of history, culture, recreation, and entertainment. Transportation around the city is easy, but Boston is also a great walking city. To get a taste of the city, there are thousands of restaurants to choose from, offering seafood fresh from the surrounding waters, American and Continental cuisine, a wide variety of ethnic specialties, and of course the famous Boston baked beans.

Whether you're coming from within the region or from across international waters, plan to arrive a few days before the convention, stay a couple of days afterwards, or get out between sessions and in the evenings to see the city of Boston.

Here's a list of just a small number of attractions you can visit.

HISTORY

First incorporated in 1630, Boston is one of America's oldest cities, and its Freedom Trail offers many historic buildings and sites important in the early years of our country.

- Boston Common
- Boston Massacre Site
- Bunker Hill Monument
- Faneuil Hall
- Massachusetts State House
- Old North Church
- Old South Meeting House
- Old State House
- Paul Revere House
- USS Constitution and Charlestown Navy Yard

CULTURE

Boston has museums, arts, and concerts for every taste, from classic to modern. Don't miss the new wing of the Museum of Fine Arts, which opened in November 2010. And, of course, be sure to see the first museum on our list.

- Boston Fire Museum
- Commonwealth Museum
- Institute of Contemporary Art
- John F. Kennedy Presidential Library and Museum
- Museum of Afro-American History
- Museum of Fine Arts
- Museum of Science
- Symphony Hall / Boston Symphony / Boston Pops
- Wang Center for Performing Arts

SIGHTSEEING TOURS

- Boston Duck Tours
- Boston Harbor Cruises
- Boston Trolley Tours
- Fenway Park
- Urban Adventours

SPECIAL EVENTS

- Boston Early Music Festival (June 12-19)
- 10th World Flower Show (June 15-19)

SPORTING EVENTS

- Boston Red Sox
- New England Revolution





NFPA Conference & Expo

Boston Convention & Exhibition Center • Boston, MA • June 12-15, 2011

STEP 1: GENERAL INFORMATION

Email (required): _____ First-Time Attendee

Daytime Phone: _____

Fax: _____

Mobile Phone: _____

Spouse Name for Badge (if attending) _____

(Admission to General Session and Expo only)

Emergency Contact Name: _____

Emergency Contact Phone: _____

Emergency Contact Email: _____

Which method of communication prompted your response? (circle)

conference mailer | email | NFPA Update | NFPA Journal | website | colleague | other industry publication

MEMBERSHIP INFORMATION

Non-Member NFPA Member # _____

Technical Committee Member (Committee name) _____

STEP 2: CONFERENCE REGISTRATION

20% DISCOUNT FOR TECHNICAL COMMITTEE (TC) MEMBERS

FULL CONFERENCE REGISTRATION — Includes all sessions and the Expo (does not include Pre/Post-Conference Seminars)

EARLY-BIRD RATE (by May 6, 2011)

NFPA Member \$765 Non-Member \$895 NFPA Member \$845 Non-Member \$995

TC/NFPA Member \$585 TC/Non-Member \$715 TC/NFPA Member \$650 TC/Non-Member \$795 \$ _____

SINGLE-DAY REGISTRATION — Includes Expo; does not include Pre/Post-Conference Seminars (Choose one day only)

Sunday Monday Tuesday/Wednesday NFPA Member \$275 Non-Member \$325

TC/NFPA Member \$215 TC/Non-Member \$260 \$ _____

EXPO ONLY — Does not include Conference or Pre/Post-Conference Seminars Member Non-Member \$ FREE

Free when you register in advance. \$95 Onsite (unless you present this form).

STEP 3: PRE- & POST-CONFERENCE SEMINAR (JUNE 10-12, 16) REGISTRATION

Pre-Registration required (does not include Conference)

I am registering for the following Pre/Post-Conference Seminar(s) ... WITHOUT the Expo WITH the FREE Expo

• NFPA 70E® Certificate of Educational Achievement (Fri/Sat/Sun) Member \$1175 Non-Member \$1295 \$ _____

• NFPA 13: Installation of Sprinkler Systems (Fri/Sat/Sun) Member \$1075 Non-Member \$1195 \$ _____

• NFPA 72®: National Fire Alarm & Signaling Code (Fri/Sat/Sun) Member \$1075 Non-Member \$1195 \$ _____

• NFPA 101®: Life Safety Code® Essentials (Fri/Sat/Sun) Member \$1075 Non-Member \$1195 \$ _____

• Seminario NFPA 25 (presentado en español) (Fri/Sat) Member \$725 Non-Member \$795 \$ _____

• Life Safety Code for Health Care Occupancies (Fri/Sat) Member \$725 Non-Member \$795 \$ _____

• CFPS® Primer (Fri/Sat) Member \$725 Non-Member \$795 \$ _____

• Code Requirements for Maintaining Fire & Life Safety Systems (Fri/Sat) Member \$725 Non-Member \$795 \$ _____

• NFPA 1600®: Disaster/Emerg. Mgmt. & Bus. Continuity Prgrms. (Fri/Sat) Member \$725 Non-Member \$795 \$ _____

• NFPA 1: Fire Code (Fri/Sat) Member \$725 Non-Member \$795 \$ _____

• Sprinkler Hydraulics (Fri/Sat) Member \$725 Non-Member \$795 \$ _____

• NFPA 921: Guide for Fire & Explosion Investigations (Fri/Sat) Member \$725 Non-Member \$795 \$ _____

• NFPA 70E® Changes (Fri) Member \$345 Non-Member \$395 \$ _____

• Emergency & Standby Power (Fri) Member \$345 Non-Member \$395 \$ _____

• Explosion Prevention & Protection (Fri) Member \$345 Non-Member \$395 \$ _____

• Sprinkler Plans Review (Fri) Member \$345 Non-Member \$395 \$ _____

• Dust Explosion Hazards (Sat) Member \$345 Non-Member \$395 \$ _____

• Hazardous (Classified) Locations (Sat) Member \$345 Non-Member \$395 \$ _____

• Fire Protection Concepts & Analysis for Property Loss Prevention (Sat) Member \$345 Non-Member \$395 \$ _____

• SPFE's Overview of Smoke Management Systems (Sat) Member \$345 Non-Member \$395 \$ _____

• National Electrical Code® for Photovoltaics (Sat) Member \$345 Non-Member \$395 \$ _____

• NFPA 99: Standard for Health Care Facilities Updates (Thurs) Member \$345 Non-Member \$395 \$ _____

• NFPA 3: Recommended Practice on Commissioning and Integrated Testing of Fire Protection & Life Safety Systems (Thurs) Member \$345 Non-Member \$395 \$ _____

• NFPA 101®: Life Safety Code® Changes (Thurs) Member \$345 Non-Member \$395 \$ _____

• Fire Alarm Interfaces (Thurs) Member \$345 Non-Member \$395 \$ _____

TOTAL REGISTRATION AMOUNT

NFPA is committed to providing appropriate assistance for persons with disabilities so that everyone may have access to our programs and events. Please check here if you would like NFPA to help make arrangements for special needs that you require to attend our conference. Or call 1-617-984-7310.

Your I.D. # is:

Your Priority Code is:

STEP 4: PAYMENT INFORMATION

FULL PAYMENT IS DUE WITH REGISTRATION. PURCHASE ORDERS NOT ACCEPTED. NFPA WILL NOT INVOICE FOR CONFERENCE OR SEMINARS.

Enclosed is my check # _____, payable to NFPA. (Registrant's name must appear printed on check.)

Charge to the following credit card:

VISA MasterCard AMERICAN EXPRESS DISCOVER

Card #: _____

Expiration Date: _____

Name on Card: _____

Signature: _____

Billing Address (if different): _____

STEP 5: ATTENDEE INFORMATION

Which of the following best describes your current job function? (Check one only)

- A. Architect J. Fire Fighting
- B. Consultant K. Building Official
- C. Contractor L. Loss Control/Risk Manager
- D. Educator M. Manager/Administrator
- E. Electrical Engineer N. Owner/President/CEO
- F. Engineer O. Safety Manager
- G. Fire Protection Engineer P. Sales/Marketing
- H. Fire Service Administrator Q. Other _____
- I. Fire Inspection

What industry or business is your organization in? (Check all that apply)

- A. Architecture H. Government
- B. Contractor/Installation I. Health Care
- C. Consulting J. Industrial/Factory/Warehouse
- D. Education K. Insurance/Risk Management
- E. Electrical L. Military
- F. Fire Protection Industry M. Utilities
- G. Fire Service (public or private) N. Other _____

Which of the following products do you buy, specify, recommend, or approve for your company? (Check all that apply)

- A. Alarm/Detection Systems G. Hazmat Storage/Handling
- B. Building Construction Materials H. Pumps/Controls/Valves
- C. Education/Training I. Security Products/Services
- D. Electrical Equipment/Services J. Sprinklers/Sprinkler Systems
- E. Extinguishers/Foams/Exiting Equip. K. Signaling Systems
- F. Fire Department Equip./Services L. Other _____

How much fire protection/life safety equipment/service does your company buy or specify annually? (Check one only)

- A. Less than \$150,000 D. \$1,000,000 to \$5,000,000
- B. \$150,000 to \$500,000 E. More than \$5,000,000
- C. \$500,000 to \$1,000,000 F. Not Applicable

Purchasing Authority? (Check one only)

- A. Recommend B. Specify C. Approve D. No Involvement

What is your birth year? _____

Are you a smartphone user?

- No Blackberry iPhone Droid Other _____

Plan to Attend

4 ways to register

ONLINE nfpa.org/conference

When registering online, your registration will be promptly confirmed by email.

PHONE 1-888-397-6209

FAX Complete the Registration Form and fax to 1-781-821-6725. Do not mail after faxing.

MAIL Complete the Registration Form and mail with payment to: NFPA Registration, c/o Exgenex, Inc., 437 Turnpike Street, Canton, MA 02021

Photo identification is required to pick up your registration materials onsite. You may not pick up anyone else's materials. One-day registrations can only be picked up on the day the registration is valid. CANCELLATIONS must be made in writing and sent to: NFPA Registration, c/o Exgenex, Inc., 437 Turnpike Street, Canton, MA 02021, or emailed to NFPA2011@exgenex.com. Registration cancellations received prior to May 20, 2011, will receive a refund less a \$75 processing fee. Cancellations received after May 20, 2011, are nonrefundable. Registration questions: Call 1-888-397-6209 or email NFPA2011@exgenex.com.

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NFPA CONFERENCE HOTELS

Westin Boston Waterfront – \$237/night
(headquarters hotel)

Hilton Boston Logan Airport* – \$189/night

Park Plaza Hotel & Towers* – \$235/night

Renaissance Boston Waterfront Hotel – \$249/night

Seaport Boston Hotel – \$249/night

Take advantage of special conference rates by booking your hotel through NFPA's official housing partner onPeak at nfpa.org/conference or by calling 1-888-472-4597 (U.S.) or 1-312-527-7300 (8:00 am–5:00 pm CST). Book early as rooms will go fast. The deadline is **May 6, 2011**.

*Complimentary shuttle service. All other hotels are within walking distance to the Boston Convention & Exhibition Center.

TRAVEL INFORMATION

COLPITTS WORLD TRAVEL

Colpitts World Travel is NFPA's official travel agency. Let them make your travel arrangements to provide you with the lowest fare on your choice of airlines. Call Colpitts at 1-800-795-9500 or 1-617-984-7313.

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Get 5% off with American Airlines/American Eagle. Go to www.AA.com, input the promotional code **8860AH** or call AA Meeting Services at 1-800-433-1790. Reservations may also be booked through a travel professional, make sure you give them the promotional code at time of booking.

DELTA AIRLINES

Visit the Delta Air Lines website to immediately obtain a 5% discount and get the following additional benefits: No service fees and check-in online within 24 hours prior to departure. Call Delta Air Lines at 1-800-328-1111 and use promotional code **NM4GW**. There is a 3-day pre- and post-travel window.

UNITED AIRLINES

Receive a 5% discount off the lowest applicable fares. Call 1-800-521-4041 and use the meeting code **585FD** or go to www.united.com and click on "more search options" and enter the meeting code **585FD**. There are no fees for booking online when you use the special promotion code.

AVIS CAR RENTAL

Special corporate rates are available by calling 1-888-754-8878, or go online to www.avis.com and reference Avis Worldwide discount number **B653699**. Rates are good one week prior to and one week after the event.



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