



FIRE BUCKET



October 2014

A publication of the Central Ohio Chapter of the Society of Fire Protection Engineers

SFPECOC.Webs.com

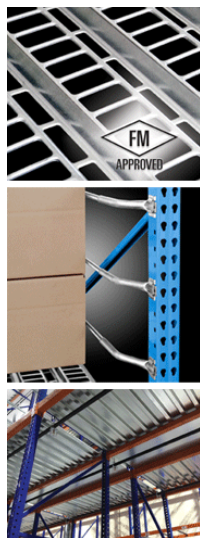
Next Meeting

Date: Wednesday November 12, 2014

Location: The Fawcett Center - 2400 Olentangy River Road, Columbus, Ohio 43210

Speaker: Gary T. Smith, P.E., Vice President of Sales and Marketing – DACS, Inc.

Standards and codes relating to pallet rack storage in sprinkler protected warehouses – specifically Solid Shelves and Flue Spaces. Typical scenarios will be addressed along with solutions available for compliance.



Registration: 11:15 – 11:30 am

Lunch: 11:30 am (Fawcett Center Buffet)

Program: 12:15 pm

Cost: \$20.00 (Members)
\$25.00 (Non-members)

The One-Pay option is back for this year. You can pay a single/one time fee and

receive **ALL** the regular scheduled chapter meetings (5) and your local membership dues all for **ONLY \$98.00**. This is a savings of \$22 for the year. You must pay the full \$98.00 with the membership application or renewal to take advantage of this program.

Note: We are planning a meeting to replace the September meeting. It may be a meeting to present the check to the OSU Burn unit. Details to follow:

Reservations Deadline: Thursday November 6, 2014 – 12 P.M. Noon

Contact: Ryan Oyster
royster@simplexgrinnell.com
614-374-5727

Please remember to pick up a free parking pass for your vehicle at the front desk or print and bring the one that Ryan will be sending out to everyone.

Reservation cancellations will be billed.

Future Meetings

The dates of our upcoming meetings are as follows:

January 14, 2015

March 11 2015

May 13, 2015

Additional Meeting to be Scheduled

SFPE/OSU Burn Center Outing

The **25th** annual Burn Center Outing was held on October 6th, 2014 at the Scioto Reserve Golf Course. Although a light rain brought some golfers into the clubhouse, the rain did not dampen the spirit of the outing. We are pleased to announce our biggest donation ever! The SFPE Board has voted to donate **\$25,000** to the Burn Center.

We were happy to welcome former OSU Player Matt Finkes of 95.5 "The Fan" to say a few words before the outing.

Benefiting



Wexner
Medical
Center



Matt Finkes Addresses the Crowd

12th Annual - Campus Fire Safety, Security and Risk Management

**March 9th and 10th, 2015 -
Columbus, Ohio**

This annual conference historically provides training and educational workshops, presented by the nation's leading fire safety, security, code enforcement, fire protection and risk management professionals. This is the only international conference focusing exclusively on Campus Fire Safety, Security, Code Enforcement & Risk Management (under one roof).

For more information, [click here](#).



Check Presentation



Silent Auction



CAMPUSfiresafety.com

Watermist System installed in St Patrick's Cathedral

From NFPA.com

Covering an entire square block in midtown Manhattan, St. Patrick's is the largest Neo-Gothic-style Roman Catholic cathedral in the United States, with spires rising 330 feet above the street and pews that can hold up to 2,400 worshippers. Construction began in 1858, and the cathedral opened in 1879. It has hosted a pope, been the site of notable memorials and funerals—from Babe Ruth and Vince Lombardi to Robert F. Kennedy and Andy Warhol, to name a few—and has long been a preferred wedding venue of New York's social elite. It is also one of the city's most iconic tourist landmarks, drawing more than 5.5 million visitors each year, according to stpatrickscathedral.org.

In 2012, the cathedral announced the launch of an ambitious three-year restoration project that would include repair and cleaning of its marble exterior, cleaning of its stained glass windows, systems upgrades, and more.

The installation of the water mist system is part of a monumental \$177 million restoration project, the largest in the cathedral's 135-year history. For the last two years, as many as 200 workers per day have swarmed every far-flung corner of the cathedral, inside and out, erecting scaffolding, cleaning stone, restoring bronze doors and stained-glass windows, installing new heating and cooling systems, and more. Workers began installing the water mist system in March 2013, using NFPA 750, Water Mist Fire Protection Systems, and relying in large part on the guidelines provided by the manufacturer, Marioff Corporation. The system received mechanical sign-off from the Fire

Department of the City of New York (FDNY) in November 2013.

The water mist system cost about \$1.1 million, roughly \$350,000 more than if the cathedral had installed a traditional sprinkler system, according to Structure Tone, Inc., the firm handling construction management of the restoration. A neighboring rectory, which is physically connected to but technically separate from, the cathedral has a full wet pipe sprinkler system that was added when the structure was renovated about four years ago. So far, cathedral officials say, St. Patrick's has escaped any significant fire events since opening its doors.



For decades, cathedral officials had resisted installing a fire suppression system in the attic space, fearing the effects of water on the historic structure—though as fire officials point out, the impact of a sprinkler system on the cathedral would be significantly less than a fire or the quantity of water used during firefighting operations. Working with the FDNY, along with sprinkler designers and installers, cathedral officials arrived at a solution that they believe provides an acceptable level of fire protection while accommodating the unique structural requirements of a venerable cultural landmark.

“There were a lot of engineering challenges, not only from the mechanical side but from the structural side as well,” says Structure Tone’s Ron Pennella, project manager and one of my tour guides for an up-close look at the system. “There’s no other system like this in the country.”

For the complete story, [click here](#).

SFPE Job Board

<http://jobs.sfpe.org/>

The Society of Fire Protection Engineers and Fire Protection Engineering magazine are pleased to offer an Internet Job Board site featuring career opportunities in fire protection engineering. <http://jobs.sfpe.org/> is designed for communicating the availability of employment opportunities in the fire protection engineering market. This special job board is ideal both for those seeking to fill positions and those looking for employment opportunities in fire protection engineering.

Job categories include:

- Consulting
- Government
- Insurance
- Research & Testing
- Fire Equipment Manufacturing & Installation
- Education

Whether you’re looking to make a career move, or you need to fill a fire protection engineer opening, <http://jobs.sfpe.org/> is just a click away!

2013 Fire Loss Data

Source - NFPA Journal

Property damage

- \$11.5 billion in property damage is estimated to have occurred as a result of fire in 2013, a decrease of 7.3 percent from the year before.

- \$9.5 billion of property damage occurred in structure fires.
- \$6.8 billion of property loss occurred in home fires.
- \$1.1 billion of property loss occurred in highway vehicle fires.

Intentionally set fires

- 22,500 fires are estimated to have been intentionally set in 2013, a decrease of 13.5 percent from the previous year. These fires do not include any allocation of fires with unknown cause.
- 150 civilian deaths resulted from intentionally set fires in structures, a decrease of 16.7 percent.
- \$577 million in property loss resulted from intentionally set structure fires, a slight decrease of 0.7 percent.
- 10,500 intentionally set vehicle fires occurred in 2013, a decrease of 12.5 percent from the year before. Those fires resulted in \$86 million in property damage, a significant decrease of 82.1 percent from 2012. This decrease is mostly due to the \$400 million intentionally set fire on the USS Miami, a submarine in dry dock for repairs to damage that occurred in 2012.

Join the National Society of Fire Protection Engineers

The Society of Fire Protection Engineers (SFPE) is the professional organization that represents fire protection engineers worldwide. Through its membership of over 5,000 professionals and 63 chapters, SFPE advances the science and practice of fire protection engineering internationally.



SOCIETY OF FIRE PROTECTION ENGINEERS

For more information, visit
<http://www.sfpe.org/GetInvolved/Membership/Join.aspx>.

Web Links

SFPE Central Ohio Chapter
www.sfpecoc.webs.com

Society of Fire Protection Engineers
(National) www.sfpe.org

American Fire Sprinkler Association
www.firesprinkler.org

ICC Website
www.iccsafe.org

National Fire Sprinkler Association
www.nfsa.org

N.I.C.E.T.
www.nicet.org

Ohio State Fire Marshal
www.com.state.oh.us/sfm

OSU Fire Safety Website
www.firesafety.osu.edu

Underwriters Laboratories
www.UL.com

SFPE Central Ohio Chapter Officers

Dave Zink – President, Koorsen Fire & Security
Phone: 614-853-5675
E-Mail: david.zink@koorsen.com

Ryan Oyster Vice President, Simplex-Grinnell
Phone: 614-602-2000
E-mail: royster@simplexgrinnell.com

John Falk-Treasurer, Capital Fire Protection
Phone: 614-279-9448
E-Mail: jcf_sr@yahoo.com

Sheryl Stahl-Secretary
E-Mail: sheryl.stahl@vfpfire.us

DIRECTORS

Mark Bowman – Past President, XL GAPS
Phone: 614-751-5049,
E-Mail: mark.bowman@xlgroup.com

Carl Sellke – Board Member, Industrial Sales
Co. Phone: 614-882-1916 E-Mail:
csellke@industrialsalesco.com

Chad Miller - Board Member, S.A. Comunale,
Phone: 614-291-7001
E-mail: Chad.Miller@comunale.com

Jim DiMarzo - Board Member, Industrial Sales
Co. Phone: 614-882-1916,
E-Mail: jdimarzo@industrialsalesco.com

Bruce Larcomb - Board Member Emeritus
Phone: 614-891-5189
E-mail: blarcomb@columbus.rr.com

*The FIRE BUCKET is published as a forum for its members.
Opinions expressed herein do not necessarily reflect those of the
Society of Fire Protection Engineers, Central Ohio Chapter, or
its Editor.*



Society of Fire Protection Engineers Central Ohio Chapter

APPLICATION FOR MEMBERSHIP IN THE CENTRAL OHIO CHAPTER OF SFPE

NEW

RENEWAL

NAME _____

COMPANY _____

ADDRESS _____

PHONE NUMBER _____

E-MAIL ADDRESS _____

NOTE: We will be sending out all Chapter information via e-mail.

ARE YOU A NATIONAL MEMBER IN SFPE? YES NO

Annual dues for the Central Ohio Chapter of SFPE are \$20 and \$10 for Retirees. You can pay a single/one-time fee and receive ALL five of the regular scheduled chapter meetings and your local membership dues all for ONLY \$98.00. This is a savings for the year of \$22.00. You must pay the full \$98.00 with this membership application or renewal to take advantage of this new program. Membership in the Chapter includes the member fee for meetings, and a subscription to *The Fire Bucket*, our Chapter's Newsletter

PLEASE MAIL APPLICATION TO: John C. Falk, Sr.
Central Ohio Chapter SFPE
5700 Cali Glen
Westerville, OHIO 43081
Jcf_sr@yahoo.com

Applications can be submitted at the next meeting. Please make check payable to *Central Ohio Chapter, SFPE* or you now have the option to pay by credit card at the meeting. We use the Square service and it will email you a receipt. Please complete a new application every year, so we can keep our database current. Dues run from September 1st to August 31st of each calendar year.

September 2014 – August 2015