



FIRE BUCKET



October 2013

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

SFPECOC.Webs.com

Next Meeting

Date: November 13, 2013

Speaker: Tom Stilwell of Xtralis

Topic: Early-Warning Fire Detection in Industrial Environments.

Mills, power generation plants and many industries have spaces such as electrical equipment rooms, substations, cable rooms, instrumentation and rack rooms that are critical to on-going operations. Early-warning of overheat or fires in these areas is urgently needed, but there is always a concern that smoke detection will not perform reliably in these spaces.

This presentation will discuss how air-sampling smoke detection has been demonstrated to perform well in environments that are dirty, subject to temperature extremes, or have a problem with high levels of moisture.

You should come away from this presentation with fresh ideas about how to provide reliable early-warning fire detection in these environments.

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

Registration: 11:15 AM Lunch: 11:30 AM

Cost: Members \$20.00, Non-members \$25.00.

Please make your reservations for this meeting with Ryan Oyster

Phone: 614 602 0474

E-Mail: royster@simplexgrinnell.com

Future Meetings

January 8th, 2014

March 12th, 2014

May 14th, 2014

Presidents Column

Dear Chapter Members,

This is my favorite time of the year. October is so great in many ways such as the beautiful colors of the changing leaves, the brisk mornings, sunny days, cool evenings, along with the excitement of the upcoming holiday season.

As we move into the late fall and soon to come winter months along with that comes a very busy schedule for us all. The inevitable yearend wrap up of business which keeps everyone working long hours to finish "the plan" set for us by our superiors. I know you all know what I mean. During the busyness that seems

to drain our personal resources remember to not just survive the days and weeks but also pace yourself and enjoy the trip along the way. Be sure to express your love and care to your family and friends. Let this fall and holiday season be the very best it can be in every way.

I count it a privilege to share with you that our annual OSU Burn Center golf outing was once again a huge success. The event was completely sold out helping us to be able to donate at least \$20,000.00 for the support of the OSU Burn Center. Some great golf shots were made by several of our guests and some very interesting moments were witnessed. One in particular where a challenge was issued to a golfer to "retrieve" his ball out of a water hazard! In sheer disbelief he slipped off his socks and shoes, rolled up his pant legs and accepted the challenge! Most importantly he did retrieve a ball from the hazard but it is doubtful it was his own! These are the great moments we truly enjoy with everyone having a great time. I feel that our host club for the event, Scioto Reserve Country Club did an excellent job in every way, especially the evening meal, it was fabulous! I want to give a special thanks to our golf committee for all of their hard work and to all of our volunteers who help make this event such a great success! Now that our golf committee chairman, Bob Dawson has retired he will have even more time to bring a bigger and better event in 2014! Congratulations to you Bob! Great job in every way!

I sincerely appreciate all of the folks that our local members have contacted to encourage their participation in our chapter. It doesn't take long to make a phone call or send an email to a friend who hasn't been at a meeting in a while. These little "warm touches" may not seem very important at first but it makes a strong impact upon those we reach out to.

I am looking forward to seeing you all at our upcoming meeting in November. Until then, be safe, be well, and be blessed!

Dave

Fawcett Center Parking

The parking arrangement at the Fawcett Center has changed. Ohio State no longer manages the parking. The new parking company requires that all vehicles have a parking permit. The good news is that **parking is still free!** Once you have registered for a meeting, Ryan will forward a parking permit for that day. If you forget, there will be extras available at the Fawcett Center.



As a reminder, it is important that we provide the Fawcett Center with an accurate number of reservations. We can generally work with last minute reservations or cancellations, but please let us know.

Burn Center Outing

The 24th annual SFPE/OSU Burn Center outing was held October 7 at the Scioto Reserve Country Club in Powell, Ohio. The outing was a sell out with 144 golfers attending. We are still finalizing the numbers, but we have committed to donating at least \$20,000 to the Burn Unit.

Thanks you to everyone who participated or volunteered in this great event.

Benefiting



Wexner
Medical
Center

Did You Know?

10 things you didn't know about cooking safety - by NFPA's Amy LeBeau

Did you know that ...

1. More fires start in the kitchen than in any other place in the home. Two of every five home fires start there.
2. Cooking fires are common -- and deadly. On average, they cause 44 percent of home fires, 15 percent of home fire deaths and 38 percent of home fire injuries each year.

3. Multitasking while cooking is not a good idea. Unattended cooking is the leading cause of cooking fires, responsible for one-third of them.



4. Frying is the #1 activity associated with cooking fires. Cooking oil or grease can easily catch fire if it gets too hot -- and because frying is typically done in an open pan, a fire can spread easily once it starts.

5. The most common equipment involved in home cooking fires? Ranges or cooktops, which accounted for 58 percent of fires. Ovens accounted for 16 percent.

6. An electric range is more dangerous than a gas range. That's because, with an electric range, it may be less obvious that a burner is on -- and because burners on electric ranges stay hot for a period of time even when turned off.

7. Microwave ovens are more dangerous than you think. They're one of the leading home products associated with scald burn injuries, accounting for 44 percent of the microwave injuries seen in emergency rooms in 2011.



8. In the kitchen, it usually isn't fires that burn young kids. More often, it's contact with a hot stove or pans or a scald from hot cooking liquids or steam. In fact, children under

age 5 accounted for 55 percent of tableware scalds, 42 percent of contact burns from ranges or ovens, and 34 percent of microwave scalds in 2011.

9. What you wear while cooking makes a difference. Though loose clothing was the item first ignited in only 1 percent of home cooking fires, these incidents accounted for 16 percent of cooking fire deaths.

10. Taking matters into your own hands can make matters worse. Three out of five people who were injured during cooking fires were injured while trying to fight the fire themselves. Fortunately, there are steps you can take to keep your family safe.

Job Jar

Job postings are made available to members at no cost. If you have a position or need a position please submit your information to the FIRE BUCKET editor at mark.bowman@xlgroup.com

See jobs available from SFPE at <http://jobs.sfpe.org/>

The Cost of Home Fire Sprinklers

The Fire Protection Research Foundation Released Report on Cost of Home Fire Sprinklers. The cost to install home fire sprinklers in 51 homes in 17 communities averaged \$1.35 per sprinklered square foot, down from the \$1.61 average in 2008, according to a report conducted by Newport Partners (Newport) and released by the Fire Protection Research Foundation (the Foundation) an affiliate of the National Fire Protection Association. The new report, Home Fire Sprinkler Cost Assessment – 5 Year Update, provides a national perspective on the cost of installing home fire sprinklers.



The primary purpose of the 2013 study was to review current home fire sprinkler costs against

a 2008 benchmark study, Home Fire Sprinkler Cost Assessment, also commissioned by the Foundation and conducted by Newport, to better understand the relationship between adoptions, various elements of cost such as installation and materials, how efficiency in design or installation may be introduced and more.

In 2008, sprinklers were becoming more common in one- and two-family homes but adoption was not widespread. Fire sprinklers in homes have steadily increased in recent years, driven in large part by building codes, outreach and education. Two states - California and Maryland - have sprinkler requirements in place for all new one- and two-family homes with numerous other jurisdictions in the process of partial or full adoption of the provision.

The current study examines 51 homes in 17 communities throughout the U.S. selected on the basis of geography, regulations, housing types, sprinkler systems and materials, and water supply situations. The 2008 study examined 30 homes in 10 U.S. communities.

"There is concrete data that shows home fire sprinklers save lives and reduce losses from fire," said Kathleen Almand, executive director of the Fire Protection Research Foundation. "However, objective cost information is difficult to find. Our latest research project provides these costs based on actual data."

Americans Have Alarming Misconceptions About Fire Safety

New SFPE Survey finds Americans feel safer at home than in a commercial or public building

A recent nationwide survey conducted by [Society of Fire Protection Engineers \(SFPE\)](#) revealed that 65 percent of Americans feel safer from the dangers of fire at home. Only 10 percent feel safer in a commercial or public building.

"This is an alarming misconception," said Chris Jelenewicz, SFPE's program manager. "Actually, fires in dwellings account for the majority of life loss due to fire."

Federal government statistics report that in 2011, residential fires resulted in 2,450 deaths and 13,900 injuries. Non-residential building fires resulted in 80 deaths and 1,100 injuries.

Additionally, the survey revealed that 57 percent of Americans believe changes in materials used for furnishings and building materials over the last 25 years make them feel safer in their homes. At the same time only 4 percent of the respondents felt less safe.

"This is another misconception," said Jelenewicz. "In fact research has demonstrated that at least in North America, changes in materials used for furnishings, building materials and components, and construction methods have resulted in the potential for an increased level of hazard from an accidental dwelling fire."

In order to reduce the loss of life from residential fires, the use of engineered components, systems and technologies such as smoke alarms, fire sprinklers, improved safety controls on cooking and heating appliances, and improved fire safe material technologies can significantly reduce the fire hazard within residential structures and thereby reduce the loss of life from residential fires.

"Many people do not recognize the important role systems engineered by fire protection engineers play in protecting our families from fire in the home," said Jelenewicz. "When properly installed and maintained, these systems can significantly improve your chances of surviving a fire in the home."

(From SFPE Blog Site)

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

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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.

Applications can be submitted at the next meeting or mailed to:
John C. Falk, Sr.
Central Ohio Chapter SFPE
5700 Cali Glen Lane
Westerville, OHIO 43082
E-mail: Jcf_sr@yahoo.com

Please make check payable to *Central Ohio Chapter, SFPE*. Credit cards can also be accepted. Please complete an application every year, so we can keep our database current. Dues run from September 1st to August 31st of the fiscal year.