



# FIRE BUCKET



March 2016

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

[SFPECOC.Webs.com](http://SFPECOC.Webs.com)

## Next Meeting

**Date:** March 9, 2016

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

**Speaker:** Todd Dillon, XL GAP Services  
Sr. Loss Prevention Consultant

**Topic:** Overview of Important Changes in  
NFPA-13 – 2016 Edition

This presentation is a review of the significant changes to NFPA 13-2016 Edition. Todd currently sits on two subcommittees of NFPA 13 (Hanging & Bracing, Installation Criteria) and will offer insight to these changes and the update process.

Time: Registration 11:15 – 11:30 am  
Lunch at 11:30 am  
Program 12:15 pm

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

Reservations Deadline: Friday March 4, 2016 –  
4 P.M.

This meeting is covered by those who have  
paid the One-Pay option.

Contact: Chad Miller  
Chad.miller@comunale.com  
614-338-9812

Reservations must be cancelled within 48 hours, or will be  
billed.

Please remember bring the parking pass or pick  
up a free parking pass for your vehicle at the  
front desk.

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billed.

## Future Meetings

May 11, 2016

### Kidde Recalls 4.6 Million Fire Extinguishers That Could Fail

February 16, 2015 by Devon - North Eastern Ohio  
Fire Prevention Association

Kudos to Elyria Fire  
Department who identified  
a problem with one of these  
recalled extinguishers and  
notified Kidde and the  
Consumer Product Safety  
Commission. This, along  
with other complaints, led  
to the recall.



#### **Recall Summary:**

**Name of Product:** Kidde plastic valve  
disposable fire extinguishers.

**Hazard:** A faulty valve component can cause  
the disposable fire extinguishers not to fully  
discharge when the lever is repeatedly pressed

and released during a fire emergency, posing a risk of injury.

**Units:** About 4.6 million units in the U.S. and 175,000 in Canada.

**Description:** This recall involves 31 models of Kidde disposable fire extinguishers with Zytel® black plastic valves. The recalled extinguishers are red, white or silver and are either ABC or BC rated. The ratings can be found to the right of the nameplate. Manufacture dates included in the recall are July 23, 2013 through October 15, 2014. A 10-digit date code is stamped on the side of the cylinder, near the bottom. Digits five through nine represent the day and year of manufacture in DDDYY format. Date codes for recalled units manufactured in 2013 are XXXX 20413 X through XXXX 36513 X and 2014 are XXXX 00114 X through XXXX 28814 X. For a complete list of model numbers, click the link below.

**Incidents/Injuries:** Kidde has received 11 reports of the recalled fire extinguishers failing to discharge as expected. No injuries have been reported.

**Remedy:** Consumers should immediately contact Kidde for a replacement fire extinguisher.

**Sold at:** Home Depot, Menards, Walmart and other department, home and hardware stores nationwide, and online from August 2013 through November 2014 for between \$18 and \$65, and about \$200 for model XL 5MR.

**Importer(s):** Walter Kidde Portable Equipment Company Inc., of Mebane, North Carolina

**Manufactured in:** Mexico

For a complete list of model numbers in detail information, click [HERE](#).

**[Johnson Controls, Tyco merge in tax-avoiding inversion deal](#)**

[Source: USA Today](#)

Manufacturing giants Johnson Controls and Tyco International plan to merge in another example of a controversial tax inversion, creating an industrial conglomerate with \$32 billion in annual revenue.

The deal marks the latest occurrence of a corporate inversion, in which a U.S.-based company acquires a foreign firm and switches its headquarters to the foreign firm's home to lower its tax bill.



The Milwaukee-based Johnson Controls (JCI) will shift its legal and global headquarters to Tyco's (TYC) Cork, Ireland, base, but will house its primary operational headquarters in Milwaukee.

The combined company hopes to tie together complementary businesses — including heating and air-conditioning systems, fire protection and security technology — as the home-products industry transitions toward a new world defined by smart, connected products known as the "Internet of Things."

"The technology is converging," Johnson Controls CEO Alex Molinaroli said on a conference call. "That's the real opportunity that's coming along."

Shareholders of Johnson Controls will own 56% of the combined company, which will be known as Johnson Controls plc, and receive \$3.9 billion in cash. Tyco shareholders will own 44%.

Johnson Controls plans to press ahead with its previously announced plans to spin off its remaining automotive seating and interiors business into an independent company called Adient at the beginning of its 2017 fiscal year.

The companies expect to shed \$500 million in costs over the first three years of the deal and expect to save \$150 million annually in taxes through the inversion.

S&P Capital IQ analyst Efraim Levy said in a research note that there is "significant potential" for savings through the combined operation.

Johnson Controls, known as JCI to many in the industry, had been pruning its operations in recent years, selling off its automotive electronics business and global workforce solutions unit. The company identified batteries and building products, such as heating and air conditioning technology, as its primary businesses.

Tyco broke up into three companies in 2012 and now focuses on fire protection and security products, including service, installation and monitoring.

The companies said they've identified immediate opportunities to sell their products to each other's customers.

Molinaroli will be chairman and CEO of the new company for the first 18 months following the deal's completion, while Tyco CEO George Oliver will become president and chief operating officer during that period. Afterward, Oliver will become CEO and Molinaroli will become executive chair.

This is a transformational transaction that will help us both service our customers more comprehensively and innovatively," Molinaroli said. "It uniquely positions us to provide the most comprehensive portfolio of building and energy solutions."

Six of the new board's directors will come from JCI and five from Tyco.

After the automotive business spins off, the new Johnson Controls will get 70% of its revenue from physical products and 30% from services. Geographically, 56% will come from the Americas, 24% from Asia and 21% from Europe, the Middle East and Africa.

Oliver said the deal will position the new company to provide Internet-connected solutions to customers in increasingly urbanized world with smart mega cities.

"The world is headed toward a more connected future," he said on the conference call.

"Together we will be more strongly positioned to (capitalize on the) Internet of Things."

### **Hoverboard Fire & Safety Update**

February 13, 2016 by Devon - North Eastern Ohio  
Fire Prevention Association

1-20-16: The Consumer Product Safety Commission has issued a statement regarding dangers from hoverboards:

CPSC is looking into dozens of fires involving hoverboards, which are also called smart boards or self-balancing boards. Many of these fires occurred indoors and could have resulted in serious injuries if not for the quick actions of consumers to extinguish the fire. This is a priority investigation and CPSC is devoting the staff time and resources necessary to find the root causes of the fires.



CPSC engineers continue to test hoverboards – new models and those involved in fire incidents – at our National Product Testing and Evaluation Center in Rockville, Md. CPSC is actively investigating the safety of hoverboards made and/or sold by:

Many of these hoverboards are made overseas and imported to the US. The fires seem to mostly be attributed to the lithium-ion battery and charging system.

Hoverboards have also now been banned on all major US airlines.

When purchasing, it is important to verify that the hoverboard components AND BATTERY are listed by a testing agency such as Underwriters Laboratories (UL).

Amazon is now offering full refunds to customers who purchased hoverboards.

### ***Fire Hazard or Religious Freedom: Wisconsin to Vote on Real Trees in Churches***

[Source: Bryna Godar  
The Associated Press](#)

MADISON, Wis. — State senators are considering legislation that would prohibit government officials from banning natural Christmas trees, which are considered a fire risk, from churches and the state Capitol.

The bill has already cleared the Assembly and was heard by a Senate committee on Wednesday.

The bill's author, Republican Rep. Jesse Kremer, said some churches might not have natural trees this Christmas if the Senate doesn't pass the bill.

"Although that isn't necessarily something that's required for worship, this is a tradition, especially in some of these larger, older churches," Kremer said.

The legislation aims to clarify administrative rules, he said.

The National Fire Protection Association's guidelines call for banning natural Christmas trees in places where 50 or more people gather, but they provide exceptions for limited quantities of combustible vegetation if adequate safeguards are in place. The state has adopted the guidelines as administrative rules, but Kremer said local officials are confused by the rules.

Freedom From Religion Foundation representative Sam Grover said he is concerned that the bill takes discretion out of the hands of fire chiefs and puts it in the hands of church leaders.

"Churches are run by people and people are fallible," Grover said. "There is nothing inherent in being a church leader that makes someone more qualified to assess fire safety risks than any other average person."

A spokeswoman for Senate Majority Leader Scott Fitzgerald, R-Juneau, didn't immediately respond to an inquiry about the bill's prospects in the Senate.

Sen. Chris Kapenga, R-Delafield, supports the bill but thinks the government shouldn't be wasting time on it.

"If someone wants to put a Christmas tree in their church, who cares?" Kapenga said.

### ***Fire forces Toyota to shutter Japan production for six days***

[Source: Industrial Fire World](#)

A fire that knocked down production of steel parts at a key Toyota supplier has forced the automaker to suspend production for six days as its part supply is drying up. The automaker is seeking an alternative. Automotive News said today that the Jan. 8 fire at the Aichi Steel Corp. plant in Chita City, has throttled critical engine parts including engines, transmissions and chassis parts. The suspension begins next Monday and continues until Feb. 13.

Though Toyota declined to state the impact of the fire on its home production lines, it is known that the automaker produces roughly 14,000 units at its domestic assembly plants. The automaker builds its profitable Scion, Lexus and Prius models in Japan. About 17 percent or 2,400 units were scheduled to be exported to the United States. The washout of this is that over the course of six days, the automaker will lose output of 84,000 vehicles with 14,200 bound for the U.S.

The automaker's overseas plants, such as those in the United States, will continue to operate without a shutdown. In the U.S., Toyota keeps 71 percent of the vehicles it manufactures for sale here.

Meantime, Toyota is apparently using the downtime to find its way around the steel shortage. The automaker may ask Aichi to produce its parts on different lines, or it may seek its parts from other sources.

**Ohio Fire, EMS Departments To Buy Body Armor**

[Source: FireRescue1 Staff](#)

MENTOR, Ohio — Fire and EMS departments in Ohio are buying body armor to keep its firefighters and paramedics safe in active shooter situations.

NewsNet5.com reported firefighters at the Mentor Fire Department have all been trained to wear and use ballistic vests and helmets. The department bought the equipment after a school shooting in 2012, where three students were shot and killed.



"Unfortunately we've had more and more occur throughout the country, nationwide, we're first responders, we are going to try to get in once police enter," said Battalion Chief Ronald Zak.

Lyndhurst Fire Department is also one of 16 Ohio departments participating in a task force program for active shooter events.

"The fire department and EMS providers, we used to wait until the whole scene was secure, now we will go in with police officers and start

treating victims right away," said Lyndhurst Fire Chief Mike Carroll.

Chief Carroll said his department applied for a grant to help cover the expense of the body armor.

"It's not a matter of if, it's when it's going to occur. And it may not occur in the city of Lyndhurst, it may occur in one of the neighboring communities, and we are going to be responding there," Carroll said.

**West Side Man Charged With Arson in Massive Warehouse Fire**

[Source: Columbus Dispatch](#)

Authorities have charged a man with setting the fire that left a West Side warehouse in smoldering ruins early today.

Robin W. Toms, 30, of the 3000 block of Jersey Drive, is charged with aggravated arson in connection with the blaze, which prompted two nearby schools to close and threw flames high enough into the pre-dawn sky that the blaze could be seen for miles.

The two-alarm fire at the SJT Depot warehouse at 2662 Fisher Rd. destroyed about 80 percent of the 189,000-square-foot building, Columbus Division of Fire Battalion Chief Tracy Smith said.

No one was injured.

Records show that Toms has a history of minor arrests on charges such as misdemeanor domestic violence and disorderly conduct. His home is not far from the fire scene.

A fire alarm sounding shortly before 4 a.m. brought firefighters to the warehouse near I-70 and Hague Avenue and just north of the James G. Jackson Police Academy.

"They had some wispy smoke coming off the roof line," Smith said.

Crews found sprinklers going off inside the building and what appeared to be a small fire, but firefighters realized quickly that it had spread much farther than it first appeared, Smith said.

Once fire was discovered high in the building's walls and roof, crews feared a collapse and withdrew from the building. From there, the roughly 80 firefighters fought the blaze defensively, Smith said.

North Franklin Elementary School in the South-Western district, and charter school Columbus Preparatory Academy both canceled classes because of the blaze, but nearby apartment complexes were spared damage, Smith said.

The fire was fueled mostly by cardboard and pallets, but a landscaping company also stored some materials inside. The public and the environment were not at risk, and the few small explosions heard during the fire were likely the propane tanks on forklifts inside the warehouse, Smith said.

Because the warehouse sat well off of Fisher Road, no major roads were affected.

**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!

**NFPA Conference and Expo**



The 2016 NFPA Conference & Expo will be held June 13-16 at the Mandalay Bay Convention Center, Las Vegas, Nevada. The NFPA Conference & Expo is widely regarded as the most comprehensive event in the industry. With approximately 5,000 attendees, it is the year's largest and most important event for the fire protection, life safety, and electrical industries.

**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.



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

### Web Links

SFPE Central Ohio Chapter  
[www.sfpecoc.webs.com](http://www.sfpecoc.webs.com)

Society of Fire Protection Engineers  
(National) [www.sfpe.org](http://www.sfpe.org)

American Fire Sprinkler Association  
[www.firesprinkler.org](http://www.firesprinkler.org)

ICC Website  
[www.iccsafe.org](http://www.iccsafe.org)

National Fire Sprinkler Association  
[www.nfsa.org](http://www.nfsa.org)

N.I.C.E.T.  
[www.nicet.org](http://www.nicet.org)

Ohio State Fire Marshal  
[www.com.state.oh.us/sfm](http://www.com.state.oh.us/sfm)

OSU Fire Safety Website  
[www.firesafety.osu.edu](http://www.firesafety.osu.edu)

Underwriters Laboratories  
[www.UL.com](http://www.UL.com)

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Opinions expressed herein do not necessarily reflect those of the  
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# Society of Fire Protection Engineers Central Ohio Chapter

## APPLICATION FOR MEMBERSHIP IN THE CENTRAL OHIO CHAPTER OF SFPE

 NEW RENEWAL

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COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

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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.

PLEASE MAIL APPLICATION TO: John C. Falk, Sr.  
Central Ohio Chapter SFPE  
5700 Cali Glen  
Westerville, OHIO 43082  
[Jcf\\_sr@yahoo.com](mailto:Jcf_sr@yahoo.com)

Please make check payable to *Central Ohio Chapter, SFPE*. Applications can be submitted at the next meeting. Please complete a new application every year, so we can keep our database current. Dues run from September 1<sup>st</sup> to August 31<sup>st</sup> of each calendar year.

**September 2015 – August 2016**