



# FIRE BUCKET



May 2024

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

[SFPECOC Web Site](https://sfpe-centralohio.square.site/)

## Next Meeting

**Date:** May 8, 2024

**Location:** TAT Ristorante Di Famiglia  
1210 S James Rd, Columbus, OH 43227



**Speaker:** Kyle Curran, Regional Sales Manager - General Air Products

**Topic:** Vapor Pipe Shield - UL Listed corrosion mitigation system used in dry/preaction fire sprinkler systems.

Presentation will also include a review of compressor options along with new Digital Pressure Switch

**Cost:** \$23.00 (Members)  
\$28.00 (Non-members)

Make Reservations with:  
Bob Fischer  
bfischer@supplynet.com  
440-463-0720

**Reservations Deadline:** Friday May 3, 2024 – 5:00 P.M.

**Everyone who plans to attend, including pre-paid members, must make a reservation and check-in with John Falk at the meeting.**

Ordering items not on our set menu options will require additional payment.

Meeting fees can be paid online at <https://sfpe-centralohio.square.site/>

**SFPE - Central Ohio Chapter  
On-Line Payment Center**

The site works in Chrome, Edge and on iPhone. It does not work on Internet Explorer.

## Future Meetings

### **Chapter Meetings**

Meetings will resume in the Fall 2024.

### **Golf Outings**

SFPE – Phil Gentile Outing – July 12, 2024  
Burn Center Outing – September 23, 2024

## Officer Election

During our May meeting we will be electing officers for the next two-year term. The proposed slate of officers is as follows:

- President - Bob Fischer
- Vice President - Cory Blair
- Treasurer - John Falk
- Secretary - Bill Laing
- Past President - Phil Sisia (this is not an elected position).
- Board Member - Carl Sellke

- Board Member - Chad Miller
- Board Member - Ryan Oyster
- Board Member - Justin Howell

Prior to voting, we will ask if there is anyone else interested in serving in any positions listed.

### **SFPE Phil Gentile Golf Outing**

The 2024 SFPE Phil Gentile Golf Outing will be held July 12, 2024 at The Ridge Golf and Gardens near Marysville, OH. The Ridge is located near the Scotts headquarters.



Registration information will be sent out in early May.

### **2024 Burn Center Outing**

The 35th Annual Burn Center Outing will be held Monday September 23, 2024 at The Medallion Club.

Registration will be opening soon. Event leaders and sponsors registration will begin around May 5. Open registration will begin on May 20.

Look for an e-mail from Bob Dawson with all the details. Information will also be posted on our chapter web site [Burn Center Page](#)

We expect to sell out, so don't miss your opportunity to register.

Last years outing generated a **\$50,000** donation to the two burn centers. Thanks to all of those who participate.

Benefiting

 THE OHIO STATE UNIVERSITY  
WEXNER MEDICAL CENTER

 Benefiting  
NATIONWIDE CHILDREN'S  
When your child needs a hospital, everything matters."

### **Houston airport hangar's fire suppression system sends foam onto tarmac, covering vehicles and equipment**

[Source: Fox News](#)

A fire suppression system inside a hangar at George Bush Intercontinental Airport in Houston malfunctioned Thursday morning, pouring foam onto the adjacent tarmac and covering car doors parked nearby.



FOX 26 Houston posted pictures of the mess, which showed a United Airlines hangar nearly surrounded by a fire-suppressing substance.

The images also showed the tops of pickup trucks, SUVs and cars sticking out above what looked like a cloud, as well as the tops of airport equipment like stairs, trailers and more.

According to a statement from the airport, biodegradable PFAS-free fire suppression foam was inadvertently released in a United Airlines hangar off Wright Road at about 5:30 a.m. "A multi-layered mitigation plan was immediately activated," the statement read. "Environmental teams with United Airlines are leading the clean-up, which includes support from the Houston Fire Department, Houston Airports, and Houston Public Works."



## **Ohio Launches Statewide Firefighting Foam Takeback Program**

[Source: Ohio Fire Chiefs Association](#)



Ohio Governor Mike DeWine launched a first-of-its-kind initiative to destroy hazardous per- and polyfluoroalkyl substances (PFAS) in firefighting foam.

During an event at Wright State University's Calamityville training facility in Fairborn, Governor DeWine announced details of the Ohio Environmental Protection Agency's new Aqueous Film-Forming Foam (AFFF) Takeback Program. AFFF is primarily used by fire departments to smother flammable liquid fires, but its high concentrations of PFAS compounds - often called "forever" chemicals - resist typical environmental degradation processes and cause long-term contamination of water, soil, and air.

Using PFAS Annihilator® technology developed by Battelle, which is headquartered in Columbus, the AFFF Takeback Program will destroy PFAS in firefighting foam to non-detectable levels through the process of supercritical water oxidation.

"The development of this technology is just another example of how Ohio continues to lead the nation in innovation," said Governor

DeWine. "Through this new program, we're destroying PFAS, which was once believed to be indestructible, to protect our first responders and safeguard the environment."

Battelle's PFAS Annihilator technology uses extreme heat and pressure to chemically transform PFAS into carbon dioxide and inert salt, destroying the PFAS and leaving behind no harmful byproducts or residual contamination. This technology differs from other AFFF disposal methods, such as incineration, which destroys the foam but releases that PFAS into the air, or landfilling, which results in contaminated landfill leachate.

"We are excited that Governor DeWine has committed the resources to allow fire departments across the state to access this cutting-edge technology developed by our partners at Battelle," said Ohio EPA Director Anne Vogel.

According to the Ohio Department of Health, exposure to PFAS has been found to affect the immune system, increase the risk of certain cancers, impact fertility, and affect the growth and behavior of infants and children. In 2022, Governor DeWine signed a bill banning the use of AFFF in firefighter training exercises, and as a result, many fire departments are using PFAS-free alternatives to extinguish flammable liquid fires.

The AFFF Takeback Program is operated at no cost to local fire departments, but agencies must register their AFFF materials at [oh.revive-environmental.com](http://oh.revive-environmental.com) to be scheduled for collection at future takeback events.

The program is funded with \$3 million in settlement money that Ohio received as part of the state's polychlorinated biphenyl enforcement case against Monsanto, filed by then-Attorney General DeWine in 2018.

[Click Here for the complete announcement.](#)

**Deadly explosions at a Detroit-area retail vape shop sent canisters and switch blades caught in the fire through air**

Source: CNN

Authorities believe the Michigan vaping supplies distributor that went up in flames Monday night in Clinton Township was illegally storing canisters of butane and other materials, township officials said Tuesday.



A 19-year-old man was killed by flying debris and a firefighter was injured as explosions took place, officials said. Clinton Township Supervisor Robert Cannon said the business was not permitted to have the canisters of butane, which is highly flammable.

“They were illegally in that building,” Cannon told reporters at a news conference Tuesday evening.

In a news release on the township website, officials said: “According to the (fire department), stored in the facility, among other items, were containers of butane, nitrous oxide, lighter fluid, and vape pens. Containers, or canisters, were 12 to 18 inches in size, weighing 10 to 15 pounds.”

Authorities continue to investigate what materials were stored on site and in what quantities, Clinton Township Fire Chief Tim Duncan said.

**Fire Pump Test - Video shows water spewing from high rise in Hell's Kitchen**

Source: ABC7

HELL'S KITCHEN, Manhattan (WABC) -- Water could be seen spewing from a high-rise building in Hell's Kitchen on Thursday morning.

Citizen App video showed a huge amount of water gushing from the building on West 42nd Street and Eighth Avenue.

According to the Department of Buildings, scheduled fire pump tests were conducted on 19th and 32nd floor of the building construction project, which included sending water out of the building.



The tests are a standard part of the new development inspection process, and do not pose a danger to the public, an official said.

They usually occur at night, but this one occurred during the day in part as most of the water was planned to land within the property boundaries, behind the construction fence, and did not require a street.

The fire pump at the new building passed inspection.



## **Sprinklers Save Large Trash fire at Montgomery County waste facility**

[Source: WHIOTV](#)

Smoke poured from a fire at the Montgomery County Solid Waste Facility Saturday afternoon.

Around 5:15 p.m. Moraine fire crews were called to the Montgomery County Solid Waste Facility on Sandridge Drive.

Crews initially were called to the facility on a fire alarm but noticed smoke coming from the back of the structure when they arrived, according to Moraine Deputy Fire Chief Michael Guadagno.

Guadagno said the facilities' sprinkler system was activated and helped put out the bulk of the large trash fire.



Crews brought in heavy equipment to help move the debris and wet it down, Guadagno said.

At this time, it is unclear what started the fire.

## **This Day in Fire History** **February 20, 2003 – Station** **Nightclub Fire / West Warwick, RI**

[Source: National Association of State Fire Marshals](#)

On February 20 2003, the Station Nightclub fire occurred in West Warwick, Rhode Island, killing 100 people and injuring 230. Pyrotechnics from the band on stage, Great White, ignited nearby walls and ceilings and the fire spread rapidly. The blaze reached flash-over within one minute. Immediately, more than two-thirds of the 400-plus individuals in attendance turned and started for the main entrance. But the intensity of the flames and smoke caused the

crowd to panic and surge forward, everyone pushing for the front door. Individuals fell, causing others to fall and, in less than 90 seconds, the front door was completely blocked.



Because of the building's age and size, many believed the Station to be exempt from sprinkler system requirements. In fact, the building had undergone an occupancy change when it was converted from a restaurant to a nightclub. This change dissolved its exemption from the law, a fact that West Warwick fire inspectors never noticed. On the night in question, the Station was legally required to have a sprinkler system but did not. However, a fire sprinkler system would have contained the fire long enough to give everyone time to exit safely.



In addition to the club being overcapacity, numerous violations of existing codes contributed to the calamity, triggering an immediate effort to strengthen fire code protections. Within weeks of the disaster, changes to the code for "assembly occupancies" were issued for the national standard "Life Safety Code." This required

automatic fire sprinklers in all nightclubs and similar locations with 100 or more occupants, plus additional crowd manager personnel, and additional exit requirements for new nightclub occupancies, among other things.

*Here's an important takeaway from the Station Nightclub Fire – when a fire breaks out in a crowded place, people almost always head for the front door. When you enter a public place or a building that you're not familiar with make a mental note where additional exits are placed and consider where you would go in the event of a fire. Remember, the best way out may not be the way you came in.*

### **Every Firefighters Dream**

[Source: Firefighters.com](http://Source: Firefighters.com)



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