

National Fire Sprinkler Magazine



The Flagship Publication of The National Fire Sprinkler Association



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MODEL KFR-CCS

Combustible Concealed Space Sprinkler

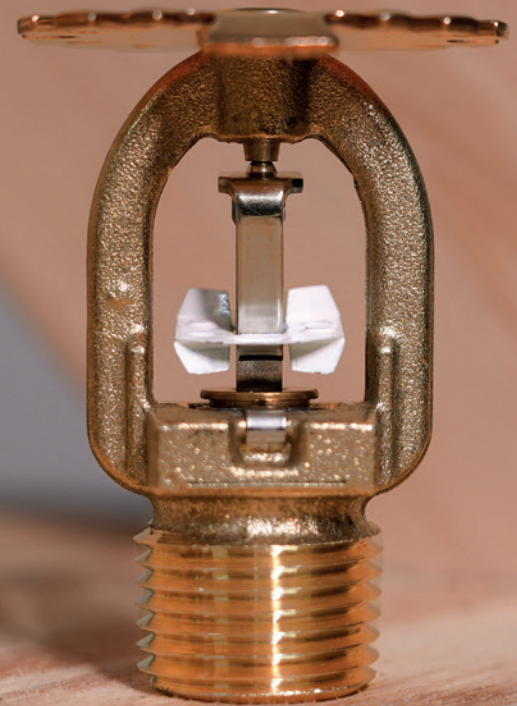
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National Fire Sprinkler Magazine

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May/June 2023 • No. 239

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Fire is fast. Fire sprinklers are faster.

It's About Time

Finally being able to convene our members and partners for the Annual Seminar and Expo will be a blessing. As you read this, we will be gathering for a high-energy, high-impact event in Austin, Texas. I have waited for three years to hear President Harry S. Truman deliver his 1947 President's Conference on Fire Prevention Speech (It's really his grandson, Clifton Truman Daniels) and to gain knowledge and energy from Gene Marks as he delivers on the economy; what has happened and what is to come, from the big stage during our opening session. We have all waited three years to recognize our industry's best individuals with our Awards Banquet.

The last time we gathered in such a format was 2019 in Nashville, Tennessee. Both a worldwide pandemic and a hurricane prevented us from gathering for the past three years. Our now former Chair of the Board Kent Mezaros served two terms, (four years) and was deprived of three conferences and six board meetings. However, thanks to his leadership, a supportive Board of Directors, and an amazing staff, we didn't miss a beat.

NFSA is poised to pull off a successful Expo and Annual Seminar and is already working on future events for our expo years, as well as for our Business and Leadership Conferences. I can't thank Sean Heskett and the entire Seminar Committee enough for all their efforts. I also can't thank the staff enough for all the pivoting they have done over the past few years and continue to do as we prepare to enhance future experiences.

The excitement at this year's Annual Seminar and Expo will begin and end with recognizing those who have given so much of their careers and life to NFSA and the Fire Sprinkler Industry. All these great individuals recognized this year and in the past years have shaped this great industry. I am also pleased to say they have all shaped me and my commitment to this industry in their own way. I am so grateful for each of them and will never be able to repay what they have contributed to making NFSA, the fire sprinkler industry, and me, better.



The opening excitement of the conference recognizes Ray Fremont Sr. of General Air Products. I am saddened by the fact that Ray didn't live long enough to receive the Golden Sprinkler Award in person, but I am glad he knew this industry's appreciation for his many, many years of commitment to NFSA's mission and the overall growth of the fire sprinkler industry. We are pleased his family is with us and that they all continue his dedication and legacy.

The Russell P. Fleming Technical Service Award winners will be recognized during the general sessions of the conference. It has been an honor for me to watch each of these men give so much of their time and knowledge to improving the codes and standards that guide the industry. Each of these individuals have a knowledge base, a commitment, and a passion to share like I've never observed. A special thanks to Pete Schwab of Wayne Automatic Fire Sprinklers, to Jeff Shapiro of ICC Code Consultants, and Top Myers of Myers Risk Services.

The grand finale of our time together is our Awards Banquet, which will recognize all the Hall of Fame inductees as well as two of the Golden Sprinkler Award recipients. Hall of Fame inductees include: Norm McDonald, FlexHead, Top Myers, Myers Risk Services, Harold Nothhaft, L. Nothhaft & Son, Kevin Ortyl, Viking Corporation, Dick Oliver, Oliver Sprinkler, Tom Deegan, The Viking Corporation, Tom Multer, Reliable Automatic Sprinkler, Buddy Dewar, NFSA, Ray Fremont, Sr., General Air, and George J McHugh, AGF Manufacturing.

This is a highlight for me because I envision a day when all these individuals and the companies they represent will be on full display at NFSA's Headquarters in Maryland. Both Golden Sprinkler Award recipients have meant so much to me in my short eight years as your President. Larry Thau was a great leader during a major transition with NFSA, and I couldn't have asked for a more supportive and guiding Chair of the Board. His patience, and diplomatic and professional demeanor, helped at a major time of need in this organization and

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From the President's Desk

Shane Ray

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our industry's history. Bruce LaRue, this year's Golden Sprinkler Award recipient, has always been supportive of me, and one of the most giving people to this industry. Bruce is one of those mentoring-type people that is always engaged in the overall good of the fire sprinkler industry and the NFSA. He remains very active and always supportive even after his retirement from Potter Electric Signal and from his service as a board member and, finally, Treasurer of NFSA.

The Hall of Fame list of inductees is second to none and many have been a long time in the waiting. While I do not know them all personally, thanks to the Awards Committee and the guidance of the past Awards Committee Chair, Buck Buchanan, and the present Chair Terry Victor, I know of their legacy to this industry. Again, I can't wait to place their legacies on display someday. In the meantime, please visit the awards page of our website (nfsa.org/awards) and spend some time learning about all those who have given so much.

I must close with a thank you to the Future Leadership Committee and NFSA staff that is working on the Leaders and Legends project. This is a project to capture the leaders and legends of this industry and the legacy left by them. The progress on this project is making a difference and will not only capture history but will inspire future leaders to serve. Filling the shoes of those before us is always a challenge. As this industry grows, my hope is that we will have more "boots on the ground" to serve in continuous promotion of the fire sprinkler concept. •

In Humble Service,



Shane Ray, President

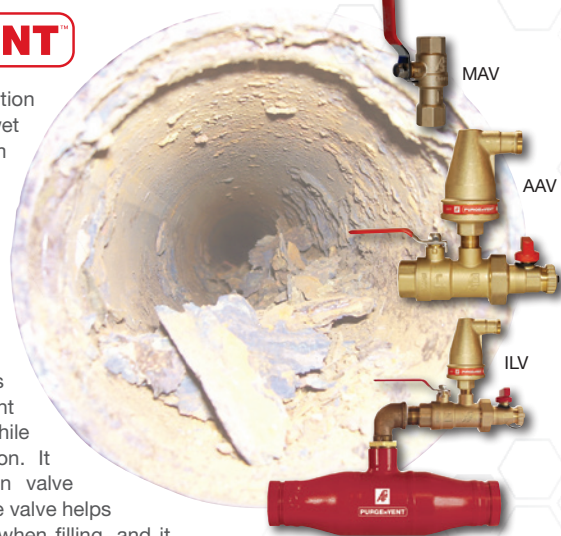
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A Unique Industry

I still believe, and continue to maintain, without the last 118 years of the National Fire Sprinkler Association, we would not have a stand-alone, separate fire sprinkler industry today. Fire sprinklers would still have slowly evolved across our country and the world, but nothing compared to the sprinkler installation numbers created by code approvals and the clear universal acceptance we enjoy because of NFSA.

When I say a unique industry, I remind friends and associates that we even have our own installers, called 'Fire Sprinkler Fitters'. I usually hear, sprinkler what? "Sprinkler Fitter," I respond. They are not plumbers, steam fitters or pipe fitters. We have men and women dedicated solely to our industry, quite a surprise for so many.

Clearly with more than a billion fire sprinklers installed in this country, we have created an industry separate from all the other plumbing/piping trades. The union installation side of our industry even has their own multi-employer trust accounts for medical and pension plans wholly separate from other piping trades. In so many ways we have arrived, and we are an industry thanks to NFSA.

As a side note, in case you were not aware, your National Fire Sprinkler Association provides voting Board seats not just to contractor members, but to our manufacturers and key suppliers as well. Together we focus our work on growing our great industry; all the while solving the country's fire problem along the way.

In this issue of our magazine, we celebrate those Manufacturer and Supplier members with the yearly *Buyer's Guide*, assisting all of us as we design, fabricate, install, and maintain our systems. Please use this guide as a resource and support those companies that continue to support our industry with their time talent and treasure.

The NFSA Annual Seminar and North American Fire Sprinkler Expo in Austin, Texas is our first in-person exhibition and seminar for far too many years. A worldwide pandemic and a terrible Florida hurricane kept us apart. I am counting on the state of Texas and their famous hospitality to finally bring us back together. Our suppliers and manufacturers have generously sold out all the spaces in the exhibition hall and are looking forward to sharing their latest and greatest with our contractor members. As you walk the exhibit hall, do not be bashful, ask questions, learn a lot, and get smarter. Honestly, a smart competitor is the best competitor.

Thanks for your continued support! •

Jim



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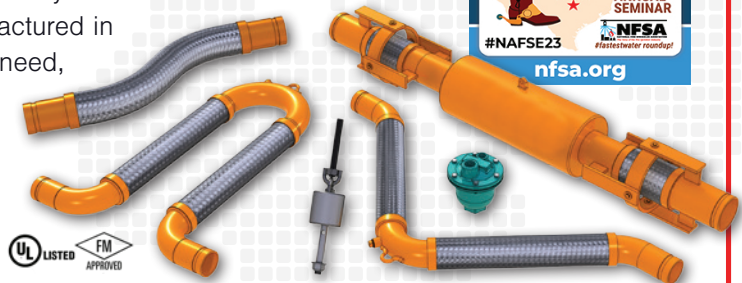
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Why Do Some Teams Exceed Expectations and Others Collapse Under Them?

by Sam Obitz

Obviously, there is no single factor that determines which side of this equation a team ends up on. There is however, one that I believe overshadows all the others. The factor I am referring to is the culture of the organization. Most organizations talk about building a strong culture, but few take the necessary (and often difficult) steps required to build a winning culture. It takes time and commitment, as well as a lot of pain to create a winning culture. Most people shrink in the face of the difficult decisions that must be made to build a strong lasting culture. Instead, they opt to make decisions that have the most immediate impact.

Winning cultures are built through strong and consistent leadership. I have seen exceptional cultures begin to fall apart as soon as one decision strays from the written and implied rules of that culture. People who know how to build exceptional cultures understand they will often have to accept short term losses by adhering to the rules of that culture. They also know that those losses will pay off handsomely if they stay on their path. It is also imperative that they have buy-in from ALL levels of the organization.

Most preseason predictions focus on changes made to a roster or coaching staff during the off-season. While this is indeed an important consideration, I would argue that without bringing them into a living, breathing culture they are, often, doomed to fail. People often become better than they imagine they could be when they are dropped into a winning culture. There's a reason that companies like In-N-Out Burger and Southwest Airlines are among the most successful in their field and have the most satisfied employees, while many of their less successful competitors have some of the unhappiest employees. The reason is the difference in culture. It's not like In-N-Out and Southwest hire all the best and brightest and their competitors hire bums. In fact, I would be willing to wager that if you switched the new hires from In-N-Out and Southwest with their competitors' new hires, nothing would change at any of those businesses.

In football terms, the New England Patriots were arguably the

most dominant (and consistent) team in football over the past 20-years. How many times in the past decade have they acquired the best available players in the off-season? Look at their most valuable player, Tom Brady, he was not a highly sought-after player when he arrived there. It's very likely that if he went to the Cleveland Browns instead of the Patriots, no one reading this (outside of University of Michigan fans) would know who he is today. That's the power of a winning culture.

I always say, 'you become the average of the five people you spend the most time with, so choose carefully.' In a nutshell, that's how a winning culture works, you become the average of the people who are already in that culture. Which is why bringing a bunch of great new players to a team often disappoints that team's fans. •

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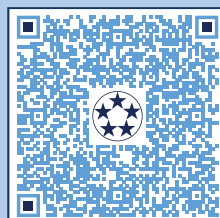
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Sprinkler Performance

by Jon Nisja, Fire Protection and Data Specialist



Jon is a fire protection and data specialist for the National Fire Sprinkler Association (NFSA). His background includes 44 years in the fire service. Prior to working at NFSA, Jon spent 33 years with the Minnesota State Fire Marshal Division. From 2005-2022, Jon supervised Minnesota's fire protection and data teams. He is a past president of the Fire Marshals Association of Minnesota and the International Fire Marshals Association. He can be contacted at nisja@nfsa.org.



This article looks at a newer five-year timeframe (from 2017-2021). Many of the percentages match NFPA's findings but here we "drill down" and attempt to look at what the data means or shows.

“Technically Speaking” is a regular feature in the National Fire Sprinkler Magazine. It generally features detailed technical information that sprinkler contractors or authorities having jurisdiction (AHJs) need to know to install or review reliable sprinkler protection. This edition of “Technically Speaking” will be slightly different. Rather than looking at some technical aspect of sprinkler system installation, we will examine sprinkler performance.

There are thousands of successful sprinkler activations each year in the United States. The bad news is they are under-reported. The good news is that even though they are under-reported, there are enough sprinkler activations to do some meaningful analysis.

Background

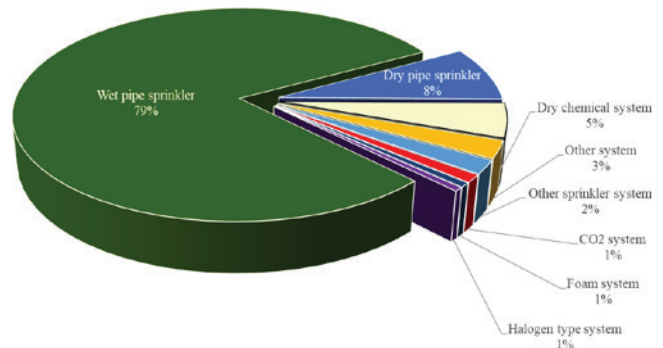
Most fire departments participate in the National Fire Incident Reporting System (NFIRS). Fire department reports are submitted to the United States Fire Administration (USFA). In many states, the NFIRS data is first submitted to the respective state fire marshal's office for quality assurance before being sent to USFA. Either way, this incident data ends up at the USFA. For more information on NFIRS, please use this QR code.



Every five years or so, the National Fire Protection Association (NFPA) produces a report entitled “U.S. Experience with Sprinklers”. Their most recent report was published in 2021 and covers the five-year period from 2015-2019. This NFPA report can be accessed by clicking on this QR code.

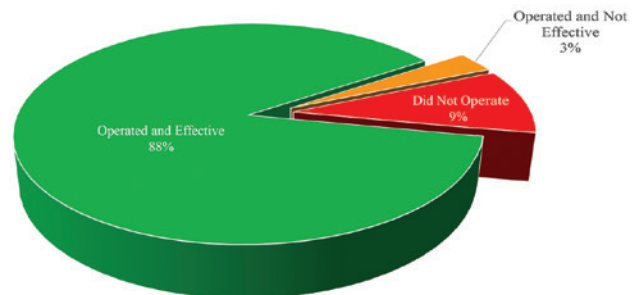
Fire Extinguishing Performance

NFIRS collects incident data on all types of fire extinguishing systems (dry chemical, gaseous, foam agents, sprinkler systems, etc.). The most common system type reported to NFIRS was sprinkler systems – 89 percent.



Extinguishing system performance is then grouped into one of three categories:

- Operated and effective (good)
- Operated and not effective (not so good)
- Failed to operate (bad)



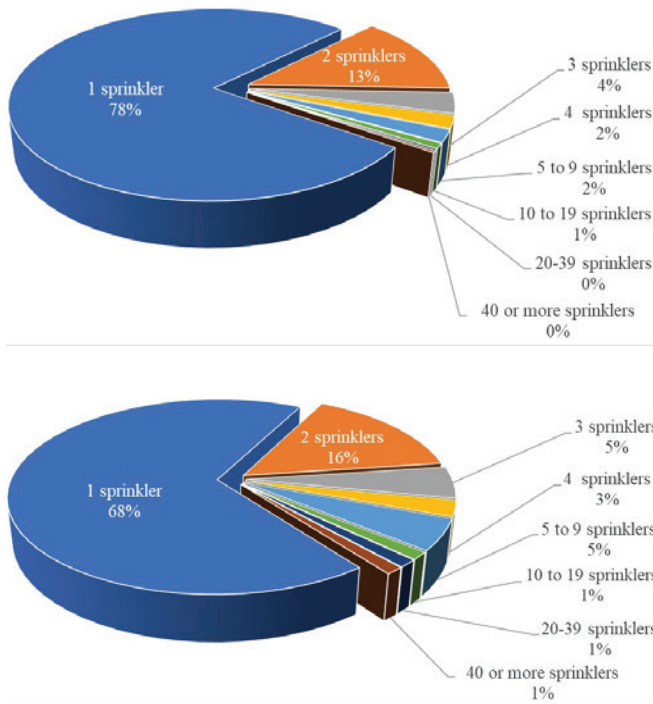
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NFIRS uses the term “extinguishment” and this can be a little confusing since most fire sprinkler systems are intended to control the fire until the fire department arrives on the scene. Guidance can be found in the NFIRS Complete Reference Guide where it states “Effective does not necessarily mean complete extinguishment, but the system must at least contain and control the fire until the fire department can complete extinguishment.”

Operated and Effective

The vast majority of the fires involving sprinklers fall into this category. Sprinklers work almost all of the time. Wet-pipe sprinkler systems tend to be more effective than dry-pipe sprinkler systems based on the number of sprinklers that activated in a fire.



With all types of sprinkler systems (wet-pipe, dry-pipe, and other sprinkler types), 96 percent of all fires were controlled or extinguished with four or fewer sprinklers and 90 percent activated one or two sprinklers.

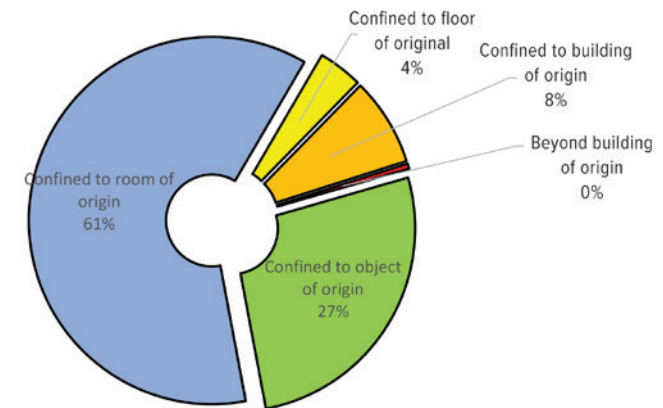
Number of Sprinklers	Percent of Fires	Cumulative Percentage
1 sprinkler	76%	76%
2 sprinklers	13%	90%
3 sprinklers	4%	94%
4 sprinklers	2%	96%
5 to 9 sprinklers	2%	98%
10 to 19 sprinklers	1%	99%
20-39 sprinklers	0%	100%
40 or more sprinklers	0%	100%

Operated and Effective by Occupancy

Fire sprinklers were originally developed and intended to protect property, specifically manufacturing and industrial occupancies. Over the decades, the model building, fire, and life safety codes have added other types of occupancies to the sprinkler requirements. While manufacturing and industrial buildings continue to be one of the leading occupancies experiencing successful sprinkler activations, they no longer top the list.

In recent years, apartment buildings have become the leading occupancy for successful sprinkler activations. This is remarkable considering that the model codes have only been requiring sprinklers in apartment buildings for the past three decades or so.

Although originally intended to protect property, sprinklers have proven to also enhance life safety, especially with quick-response technology. One of the goals of fire protection is to keep the fire small and to stop its growth before it leaves the room of origin. The following chart shows that 88 percent of the time, sprinklers confined the fire to the object or origin or room of origin.



Activations by State

Here are the fifteen states with the most sprinkler activations per capita (sprinkler activations per million population).

STATE	ACTIVATION RATE
Alaska	107.3
North Dakota	88.5
Nevada	86.5
Massachusetts	82.9
Minnesota	79.2
Washington	76.9
South Carolina	68.9
Georgia	68.3
New Hampshire	61.6
Vermont	55.9
Maine	54.3
Colorado	54.1
Maryland	51.4

continued from page 12

South Dakota	50.7
North Carolina	50.3

Operated and Not Effective

When sprinklers operated but were determined to not be effective, the following reasons were identified:

Reason	Percent	Likely Explanation
Agent discharged, but did not reach the fire	48%	Obstruction to sprinkler discharge pattern development or reaching the hazard prevented water from getting to the fire
Not enough agent discharged to control the fire	25%	Reduced water supply or interior pipe obstruction prevented an adequate amount of water being delivered
Inappropriate system for the type of fire	9%	Water was not the proper extinguishing agent
System components damaged	6%	Self-explanatory
Lack of maintenance, including corrosion	4%	Self-explanatory
Manual intervention defeated the system	4%	Facility or firefighting personnel turned off the system prematurely
System shut off	4%	Self-explanatory

Failed to Operate

When sprinklers did not operate, the following reasons were identified:

Reason	Percent	Likely Explanation
System shut off	57%	Self-explanatory
Manual intervention defeated the system	16%	Facility or firefighting personnel turned off the system prematurely
System components damaged	8%	Self-explanatory
Inappropriate system for the type of fire	7%	Water was not the proper extinguishing agent
Lack of maintenance, including corrosion or head	7%	Self-explanatory
Not enough agent discharged to control the fire	3%	Reduced water supply or interior pipe obstruction prevented an adequate amount of water being delivered
Agent discharged, but did not reach the fire	1%	Obstruction to sprinkler discharge pattern development or reaching the hazard prevented water from getting to the fire

Ensuring that water supply valves are open is the single item that could improve sprinkler effectiveness. This was the reason given for 57 percent of the system failures and 4 percent of the ineffective operations. Physical obstructions in the building and internal obstructions in the sprinkler system or piping were the leading causes of ineffective operation, 48 and 25 percent, respectively. Manual intervention was identified in 16 percent of the system failures and 4 percent of the ineffective operations.

Fire sprinklers are the most common type of fire extinguishing system present in fire reports. Wet-pipe sprinkler systems represented 79 percent, dry-pipe sprinkler systems 8 percent, and other sprinkler systems 2 percent. Sprinklers were found to be highly effective at controlling fires. 88 percent of the fires where sprinklers activated, they controlled the fire. In the majority of the fires, a minimal number of sprinklers operated. In almost nine out of ten fires, sprinklers prevented fire spread beyond the room where it started and increased human survivability.[•]

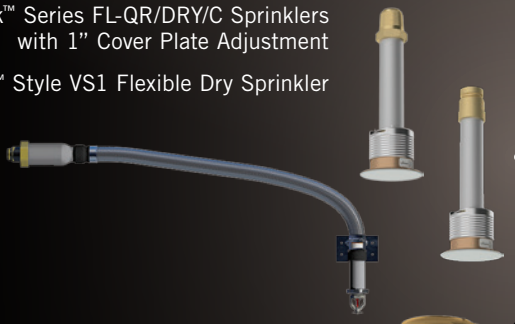
¹ Marty Ahrens, "US Experience with Sprinklers" (National Fire Protection Association, October, 2021).

² USFA, https://www.usfa.fema.gov/downloads/pdf/nfirs/NFIRS_Complete_Reference_Guide_2015.pdf, page 5-21

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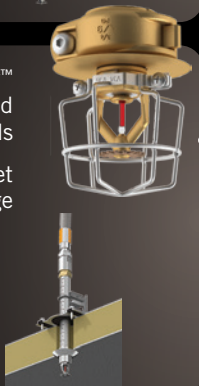
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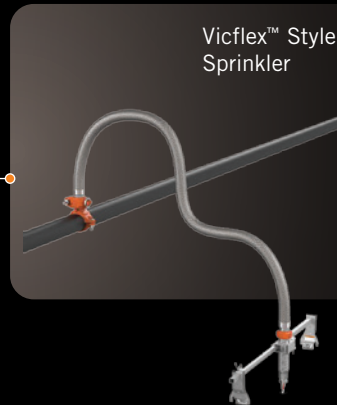
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Being Reasonable and Satisfied with the Minimum

by Jeffrey M. Hugo, CBO, Vice President of Codes, Standards and Public Fire Protection



Codes and standards are written as minimums. Certainly not in length of pages or content, but to the lowest level of protection and safety. In terms of the adjectives: good, better, best or bronze, silver, and gold, codes and standards are a good bronze. Building and fire codes are minimum codes that encompass the structural, as well as incorporating referenced mechanical, electrical, and plumbing codes (and standards), energy conservation, accessibility and more. Codes also reference minimum installation and maintenance standards, such as NFPA 13, NFPA 13R, NFPA 13D, and NFPA 25 for new and existing systems in buildings. While we hear the terms, “minimum, reasonable, or satisfactory” what do they actually mean when they are applied?

Defining terms when codes and standards do not.

The International Code Council (ICC) and National Fire Protection Association (NFPA) do not define several of the subjective terms this short article speaks of. Minimum, reasonable, satisfactory, are all adjectives that code users run across. These words are often very discouraged, by the ICC and NFPA, as subjective terms, because of their interpretation and lack of uniform measurement and enforcement. In cases where the code or standard does have an official definition, both ICC and NFPA reference the *11th edition of Merriam Webster’s Collegiate Dictionary* as the official resource. It defines the following and is a useful reference for the rest of the article.

Minimum: the least quantity assignable, admissible, or possible

Reasonable: not extreme or excessive, possessing sound judgment

Satisfactory: giving satisfaction, adequate performance

ICC Codes

The ICC is the publisher of the *International Building Code (IBC)*, *International Fire Code (IFC)* and other related “International” codes. The minimum code requirements for new and existing buildings are established in Chapter 1, Scope, and Administration. Here, Sections 101 and 102 provide the language to apply the code. For example, Section 101.3 of the IFC, states its purpose is to, “...establish the minimum requirements consistent with nationally recognized good practice for providing a reasonable

level of life safety...” This purpose, with the subjective terms of “minimum” and “reasonable” becomes the measurement when code development committees are dealing with changes in the code and when code officials are applying the rest of the code during plan review or in the field. While there is no objective measurement, except for the actual definitions above, the ICC membership ultimately weighs in on what the minimum code and reasonable levels of life safety are when new change proposals are submitted through the development and voting process. A good example of this is during the IRC (residential code) hearings for the 2009 IRC edition when residential sprinklers were being debated. The committee and membership accepted the new requirements as a minimum standard of life safety. The remainder of the code is established, applied, and enforced with this increased level of safety in mind.

NFPA codes

Very similar to the ICC codes, NFPA codes, such as the NFPA 101 *Life Safety Code* and NFPA 1 *Fire Code*, has a similar approach. Section 1.2 of NFPA 101’s purpose is, “...provide minimum requirements...for safety to life from fire...” Unlike the IBC or IFC, NFPA 101 does have a form of measurement, albeit in the Annex of the same section. It uses the following to guide its document formation and enforcement to avoid “...unreasonable hardships or unnecessary inconvenience...” with:

- Prevention of ignition
- Detection of fire
- Control of fire development
- Confinement of effects of fire
- Extinguishment of fire...

The NFPA 101 technical committees constantly use these as guidelines and measurements to establish new or revisions to each edition.

NFPA standards, specifically, NFPA 13

NFPA 13, the *Standard for the Installation of Sprinkler Systems*, the oldest fire protection standard in the world, is widely known for its prescriptive requirements. A prescriptive code or standard provides specific measurements for its application. For example,

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NFPA 13 sets minimum and maximum distances for spacing, deflector distances, and much more. Simply put, a qualified user of NFPA 13 can nearly design a system by reading it cover to cover. As opposed to a performance code or standard which sets the objective and expects the designer and user to interpret the application. An example of a fire protection performance standard is NFPA 750, *the Standard on Water Mist Fire Protection Systems* which depends on meeting the standards' objectives within their listings versus written prescriptively in the standard.

NFPA 13 deserves more of a discussion here because its prescriptive requirements are driven by the same terms used above: minimum, reasonable, and satisfactory:

- The scope of NFPA 13, Section 1.1.1, states it, "...provide(s) the minimum requirements for the design and installation..." Here, along much of the remaining text should be the first milestone of understanding this referenced standard. First, it is a minimum standard, just like the codes that reference it. A building built to one of the minimum codes above has a minimum standard to provide the codes' goal of a reasonable level of life safety. Notice none of these codes or standards apply economics or feasibility to these minimums. These are largely human measurements (and often arguments) to obtaining the minimum levels.
- The purpose of NFPA 13, Section 1.2.1, states it, "...provide(s) a reasonable degree of protection for life and property..." Here the standard is making the statement that its minimums are established not to the extreme levels of, but as later stated in the same section on, "sound engineering principles, test data, and field experience." These are better measurements and are applied first by the technical committees when looking at new or revised text during each cycle. Often, public inputs and comments, are compared to product listing and testing, fire modeling, fire testing, and application in the field by contractors, engineers, and authorities having jurisdiction (AHJs). The term reasonable is also used in the definition of hydraulically designed system for water, "distributed with a reasonable degree of uniformity over a specified area."
- Satisfactory is a well-used term throughout NFPA 13. The application for this discussion is in Section 9.1.1(3) (2019 and 2022 edition) or 8.1.1(3) (1999-2016 editions) which states, "Sprinklers shall be positioned and located so as to provide satisfactory performance with respect to activation time and distribution." This text was new in the 1991 edition of NFPA 13 and it replaced the long standing previous (3) that stated, "Minimum interference to discharge pattern by beams, bracing, girders..." The reason for the change (submitted by the NFSA) was to remove the running list of items and restate the purpose of NFPA 13 to provide a minimum acceptable method of sprinkler system design, not to optimize that design. A great example of the use of satisfactory here is the amount of so-called shadowed areas where after applying all of the spacing

and obstruction criteria, some designs still appear to have areas not covered by spray. This concept is well explained in previous articles, TechNotes, and in the Annex of 9.1.1(3) or 8.1.1(3) since the 2013 edition.

Being reasonable and satisfied with the minimum.

As established above, the codes and standards are minimum standards, but history has shown that these "reasonable" and "satisfactory" documents have proven to be very effective at their stated goals. For example, sprinkler systems, as shown by Jon Nisja's article, *Sprinkler Performance*, in this edition of *NFSM*, have shown through analysis of the data that the application of the provisions of these "bronze level" requirements are very effective at the stated goal of "...protection for life and property from fire." and the world is undeniably a safer place due to the existence of the standards and the codes that reference them.

By now, it should be clearer that the scope and purpose of the model codes and standards are not to be the gold standard of the built environment. Without the proper context, people can think sprinklers are full suppression systems; when for the most part, NFPA 13 sprinklers systems control fire, allowing the fire department to respond and extinguish. The codes, such as the IBC, have over 125 tradeoffs that apply to NFPA 13 systems, even when it often allows omission of sprinklers in concealed and other spaces. However, nothing prevents designers or owners from higher levels of life safety or property protection. Other resources, such as FM Global Data Sheets, have higher standards than NFPA 13 for several specific occupancies such as: warehouses and distilleries. FM Global have higher minimum levels for their insured properties than what is found in the above model codes and standards. When in doubt, reach out to the NFSA Expert of the Day (EOD) program who answers dozens of questions a year on how these three subjective terms are applied in codes and standards. •



NEW MEMBERS

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**Century Fire Protection
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Empire State Fire Sprinkler Corp
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Jacob-Dietz Inc.
Indianapolis IN

**Above & Beyond Fire Safety
Security LLC**
Newtonville NY

Fireline Sprinkler Corp.
Appleton WI

SAM

MicroBIM Fire
Jacksonville FL

Individual

Aaron Connell Aaron
St Johns County Fire Rescue
St. Augustine FL

Firdevs Ozlem Demiroglu
Prince George's County / DPIE /
Fire Protection and Life Safety Unit
Largo MD

Colorado Cordova
Los Alamos NM

James Pepe
Los Alamos NM

Richard Sanders
City of Mount Dora
Mount Dora FL

Michael Anderson
Ocala FL

Robert Marrero
Norwalk CT

Anthony Schwegel
Watertown WI

Sebastien Cantin
Levis QC
Protection Incendie Unik
Ocala Fire Rescue
Ocala FL

Christian Veckinburg
South Ozone Park NY

**City of Austin Texas
Fire Department**
Austin TX

Peter Wallwork
Greenacres Fire Rescue
Greenacres FL

Joe Versteeg
Torrington CT

Douglas Parks
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Kakavas Shane
Durango Fire Protection District
Durango CO

Sactor Alan
University of Maryland Department
of Environmental Safety
Sustainability and Risk
College Park MD

Ryan Fulmer
Risk Suppression Partners LLC
Kimberton PA

Furgerson Jim
Western Taney County Fire
Protection District
Branson MO

Bennett Kyle
OCI Associates Inc.
Maitland FL

Brian Athen
Logan-Rogersville Fire Protection
District
Rogersville MO

Delray Beach Fire Rescue
Delray Beach FL

Luis Bernal
L&M Fire Protection Systems Inc.
Miami FL

Donald Rooks
Satellite Beach Fire Department
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Michael Willis
Tavares FL

Nicholas Hoffman
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John Mackey
Fairhope Alabama

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District**
Sacramento CA

Gutierrez Joe
Denton County Fire
Marshal's Office Denton TX

Timothy Chamberlain
Yardley PA

Jayne Radomski
Milwaukee School of Engineering
Milwaukee WI

Jacy Snider
Ozark Fire
Ozark MO

Sanchez Willis
Farmers Branch Fire Department
Farmers Branch TX

Yungwei Tang
Aurora CO

Kane Corbett
Palm Beach County
Fire Rescue
West Palm Beach, FL

Thomas Sandra
Palm Beach County
Fire Rescue
West Palm Beach FL

Boehmer Mikaela
Pagosa Springs, CO

DianeTorn
Baltimore MD

Eric Powers
Wildwood MO

Dan Sertich
Superior, WI

Joseph Matthey
Beaverton OR

Ryan Payne
Canton GA

Kira Rivera
Aurora CO

Matthew Maywald
Seminole County Fire Department
Sanford FL

continued on page 18

NEW MEMBERS

Guinan Justin
Salem OR

Brian Belcher
Grand Traverse Metro Fire
Department
Traverse City MI

John Nihiser
City of Rifle
Rifle CO

Michael Bauer
City of Goodlettsville Fire Marshal's
Office
Goodlettsville TN

Jeremy Hadfield
Great Plains Fire Specialists Inc.
Plattsmouth NE

Timothy Slaughter
Mattawan MI

Benjamin Brooks
Webster Groves MO

Brent Hill
Frisco TX

Trevor Elmroe
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Keith Menning
Arnold MO

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Golder Ranch Fire District
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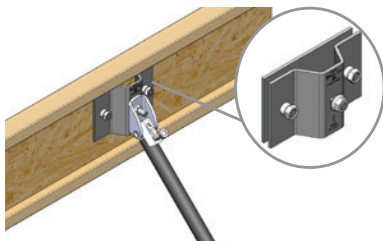


Fig. 131 seismic structural brace attachment

Designed for wooden joist construction. UL listed. Eaton.com/Fig-131.



Fig. 74 upper attachment

UL listed as a restraint for lateral bracing and FM approved as a sway brace attachment. Eaton.com/Fig-74.



Fig. 29 double offset hanger and restrainer

For use with CPVC plastic pipe and IPS steel pipe. UL Listed. Eaton.com/Fig-29.

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by Vickie Pritchett,
Vice President of Advocacy and Outreach

The Best of the Best... in more ways than one!

Here's a big shout out to all NFSA members featured in this Buyer's Guide! Thank you for your membership, we celebrate you and all the ways you make the world a better and safer place! I encourage everyone to utilize this NFSM edition to have at your fingertips the contact information for the best of the best! I'm a big fan of NFSAs program titled, Buy NFSAs, and I hope that you'll take that into consideration when you are looking for a professional in the industry!

I can't help but also think of the ways that NFSA is here to help all that are featured in this edition in their daily work. I hope that everyone is taking advantage of all the benefits that come with membership in NFSA. Are you taking advantage of all NFSA benefits? Some of the key highlights that are worth a mention here include:

- Stay up to date on the latest technology and legislation impacting your business.
- Use NFSA Expert of the Day as an extension of your team.
- Support representation in the codes and standards process, our team is always engaged in the process (both NFPA and ICC).
- Support active participation with other national fire service organizations to advance the cause and focus on collaboration and partnership.
- Learn from the best of the best—if you have a training need, NFSA has a training answer!
- Network with industry greats at NFSA conferences and Chapter Meetings.

As we engage daily to see the mission, *“To protect lives and property from fire through the widespread acceptance of the fire sprinkler concept,”* realized, may we never forget the role that advocates and advocacy play in our mission.

Have you been keeping up with Common Voices and their recent unveiling of “The Truth Burns?” You can check out the latest at <https://fireadvocates.org/the-truth-burns/> — Common Voices advocates set the stage for why a focus on the impact of fire is worth a glance. Pause and think about our instinct to survive and ask yourself why do we become complacent when it comes to fire safety? The myth “it'll never happen to me” ...well sometimes, it can and does, and the truth burns.

In 2022, Common Voices launched a bold plan to capture the stories of all Common Voices advocates. The dream/plan is to have these stories provide the inspiration for a streaming service to create a docu-series and/or a documentary called “The Truth Burns.” The advocates believe that these stories are courageous, and that they can make a difference and prevent others from suffering similar tragedies.

How can you help? Sharing the links on social media is an important way for all of us to help spread the word! Fire sprinklers save lives, and are a cause worth believing in. Each of us can be part of the team by sharing their powerful stories. To make it easier, I'm including Common Voices and NFSA social media “handles” ...we sure hope to see you engaged and working with us to like, share, and spread the word.



@CommonVoices1



<https://www.facebook.com/CommonVoices1>



@NFSAorg



<https://www.facebook.com/NFSA.org>



Search National Fire Sprinkler Association

Working together, we can save lives, and we thank you for believing in our cause, supporting our advocates, and joining us!

Stay Safe, Until Next Time,

Vickie



FIRE SPRINKLERS IN ACTION

Editor's note: The following saves were submitted by our members. If you have a save you'd like to see featured, use this QR code or email me at genadio@nfsa.org. Please include photos if available!



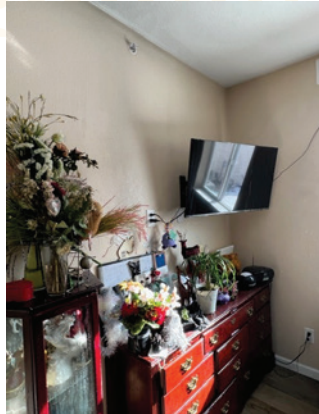
Colorado

Single Sprinkler Extinguishes Fire at Assisted Living Facility

Thanks to Fire Marshal Kelly Brooks for sending in this sprinkler save!

West Metro Fire Rescue responded to a report of a structure fire in one of the bedrooms at a small assisted-living facility in Lakewood, CO.

Upon arrival, West Metro Fire crews found evidence of a fire on top of a dresser that had been extinguished by a single fire sprinkler. The fire was started by a small table-top plastic water fountain. There was minor extension to adjacent combustible decorative materials before the fire was extinguished by the sprinkler system.



Idaho

Fire Sprinkler Save in Clive!

1/22/23—A commercial building in Clive was saved when a small fire was extinguished with the activation of two sprinkler heads. This building is occupied by two businesses. One business was opened within one hour of the fire. The second business (where the fire started) will likely reopen within a few days.



Florida



Single Sprinkler Saves Multi-Family Building

Thanks to Lake Mary, FL Fire Marshal Lillian Sexton and Fire Inspector Tina O'Brien for sending in this sprinkler save!

On February 7th, fire broke out at a multi-family complex in Lake Mary, FL. The fire was extinguished by a single sprinkler.




Now THIS is how to Brag on a Sprinkler Save!

Thanks go to Nevada, IA's Director of Fire & EMS Ray Reynolds, for sending us this sprinkler save, and to Clive, ID Fire Chief Rick Roe, for doing a fantastic job at showcasing a great save!

A Clive, ID business was saved by sprinklers on January 22nd by the activation of two fire sprinklers. The building is occupied by two separate businesses. One business was able to open one hour after the fire. The second business, where the fire occurred, was able to reopen in a few days.

Fire in Clive - No News is Good News! Business Saved. Jobs Saved.

At 2:15 AM on November 17, 2022, a fire in a commercial business in Clive did not make the news. Why? Because fire protection codes and systems performed as designed!

-  **Automatic Fire Sprinkler System** - Controlled the fire with the activation of a single sprinkler head.
-  **Automatic Fire Alarm System** - Notified the 911 center of a fire protection system activation, providing quick fire department response.
-  **Secured Key Vault System** - Provided fire department personnel with quick access to the business, without requiring costly repairs from a forced door entry.

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Illinois

Two Fire Sprinklers Save Manufacturing Facility

Thanks go to Kyle W. Gansel, National Director of Service & Inspections / Fire Protection Group at Shambaugh & Son for sending us this sprinkler save which was sent to Kyle from one of his customers in Downers Grove, IL!

A drum warming blanket on a drum in a manufacturing facility malfunctioned. The blanket burned a hole in the plastic drum, allowing the product to leak out. Once the drum was empty, it caught fire and probably burned for only a few minutes before two fire sprinklers activated and immediately put the fire out, preventing what could've been catastrophic.

The system in this building was designed, installed, and maintained by Shambaugh and Sons. The system performed as expected.

Maryland

Single Sprinkler Contains Fire at University of Maryland Alumni Center

Thanks to University of Maryland Fire Marshal Alan Sactor for sending us this sprinkler save.

On February 9th, the Prince George's County Fire Department responded to a call at the University of Maryland.

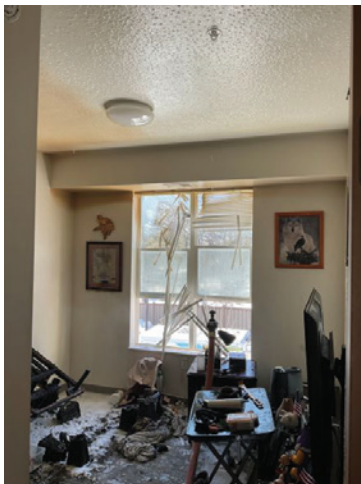
Upon arrival, crews found a single fire sprinkler had activated and contained a fire on the first floor of the Alumni Center. It was determined that the fire was caused by a paper product coming in contact with a sterno can that was under a chafing tray.

One sprinkler contained the fire. PGFD extinguished a small amount of material that was still flaming when they arrived.

Minnesota

Single Sprinkler Saves Occupants & Apartment Building

Thanks to Fire Inspector Sam Baker of the Roseville, MN Fire Department for sending in this sprinkler save. Sam is an NFSA member and active in MN Chapter activities.



On February 5th, crews were dispatched to a report of a water-flow alarm sounding on the second and third floor of an apartment building. While responding, dispatch provided up-

dates that several callers stated they saw smoke coming from a second-floor window. The incident was then upgraded to a fire type incident – smoke in an apartment building, dispatching additional fire units to the scene.

Upon arrival, crews found a three-story apartment building partially evacuated with nothing showing. Crews were directed to a second-floor unit where they encountered smoke coming from the unit along with an activated fire sprinkler. They found a small fire in a bedroom that was being contained by one fire sprinkler, primary search of the unit resulted in finding no victims.

Three individuals assisted the occupant exiting the unit with his walker. The unit occupant was transported to the hospital for evaluation for smoke inhalation. Crews were able to extinguish the remaining fire and complete overhaul and ventilation of the apartment unit, silencing the fire alarm, and controlling the fire sprinkler system. Fire damage was confined to the room/area of origin. The preliminary fire investigation is looking into improperly discarded cigarettes.

Loss of life and property would have been unthinkable had this fire occurred in one of our 150+ un-sprinklered multi-family buildings. This building opened on Jan. 1, 2022. The building's fire alarm and sprinkler systems haven't even had their first annual inspections yet.



Single Sprinkler Saves Assisted Living Facility and Resident

Thanks to Henning, MN Fire Chief Mike Helle for sending in this sprinkler save!

On February 11th, an apartment fire in an assisted living facility began due to a resident putting rubbing alcohol into a candle she thought was extinguished. Fire flared up and resident put water on it, causing the candle container to explode and spreading the flames to the ceiling of the kitchen. A single fire sprinkler activated and extinguished the fire.

Value of Building:	2 Million
Value of Contents:	1 Million
Value Saved:	3 Million

continued on page 22

Fire Sprinklers in Action

continued from page 21

Single Sprinkler Saves Assisted Living Community

Thanks to Minnesota Deputy State Fire Marshal Dan Buchholz for sending in this sprinkler save and to Chief John Harnois of the Buffalo, MN FD who filed the report.

On February 8th, a fire began in a laundry basket containing items that had just been removed from a clothes dryer. The items started on fire and were hot enough to activate a single fire sprinkler. The sprinkler extinguished the fire. Minor damage occurred. Residents and staff save.

Texas

Single Sprinkler Saves Multi-Family Complex

Thanks to Farmers Branch, TX Fire Marshal Tim Dedear for sending us this sprinkler save.

On March 6th, the Farmers Branch Fire Department was dispatched at 17:53 hours for a commercial fire alarm at a multi-family complex.



Quint 133 arrived on scene at 17:59 to

find water flowing from a garage. Quint 133 made entry and observed one fire sprinkler had activated and suppressed a fire along the side of the garage wall.

The fire originated along the garage wall at a location where a shop vacuum was positioned. The shop vacuum had exposed wiring burned, indicating a short had occurred. The wiring was underneath a cardboard box that burned. Flame spread initiated at the baseboard and progressed in a column pattern along the wall towards the ceiling before the fire was suppressed by the sprinkler system.

The cause of the fire is accidental. Property loss is estimated at \$1500 and content loss \$300.

Wisconsin

Single Sprinkler Saves Apartment Complex

Thanks to Kenny Asselin, Captain of Fire Prevention/ Paramedic - West Bend- WI Fire Department and Lt. Brian Rynders of the Cudahy, WI Fire Department for sending in this sprinkler save.

On February 26th at 1:41am, the Cudahy Fire Department



responded to a fire alarm sounding at an apartment complex. Each building is a six-family residence. Dispatch advised units responding that the fire was reported out by resident.

Upon arrival visual and audible alarms were sounding, however, no evacuation in progress. E142 entered a second-story unit to find the living room sprinkler activated and evidence of a fire in the kitchen.

Resident had awoke from living room couch to see a large amount of flames coming from stove area. One fire sprinkler put out entire fire.

Fire impinged on kitchen cabinets and there was evidence of smoke damage on ceiling. E142 ventilated the apartment. The management company responded to perform fire watch until sprinkler system restored. The sprinkler company, NFSA Member Blair Fire Protection, had the system restored by 4am.

Wyoming

Sprinkler Save at Yellowstone Park

Thanks go to National Park Service Structural Fire Prevention Program Manager Roberta M. Gorman for sending in this sprinkler save.

On January 4, 2023, a boiler fire occurred at the Canyon Visitor Education Center at Yellowstone National Park. A fuel line leak at the bottom of the fuel pump caused fuel to be sprayed into the air, which then ignited. The flames scorched the insulated covering of the pipes above the boiler activating four sprinkler heads and indicating a large amount of heat traveling across the ceiling. Park structural firefighters responded to the incident. No injuries occurred.



Automatic sprinkler systems discharge sufficient water to extinguish a fire or prevent its spread until firefighters arrive. The fire didn't extend beyond its area of origin and damage was minimal. Offices were occupied by park personnel the next day.

According to Yellowstone National Park fire chief Britton Gray, "The fire sprinklers did what they are designed to do, control, and hopefully extinguish the fire. The maintenance staff ensured the fire sprinkler system was ready to operate. The fire department followed their training and responded with an apparatus and proper personal protective equipment. They arrived on scene ready to extinguish any fire that had not been extinguished by the sprinkler system, and to quickly shut down the sprinkler system to prevent unnecessary water damage. This event was an example of a successful fire prevention and suppression program, the purpose of which is to prevent fires, but when one does occur, to keep it small and contained allowing firefighters to finish suppression if needed and then provide loss control to the facility." •

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The Dry Truth

by Vince Powers, *Inspection, Testing and Maintenance Specialist*



For those of us who have the pleasure of inspecting and testing dry pipe systems this article will focus on these requirements. This article will touch on a few of the installation requirements and what the inspection, testing, and maintenance (ITM) requirements are. To understand how to properly test a dry pipe system, an understanding of the installation requirements is certainly a first step.

First, when a dry system is required? That is simple, a dry system is required when the piping is exposed to temperatures of 40 degrees or below. Yes, there are other options, but this article is about dry systems.

Size of Dry Systems

Dry systems are only limited in volume by the delivery time of the water to the inspector's test. Put another way, the system volume is what drives the requirements for water delivery through the inspector's test. There is a false understanding that a dry pipe system must have water reach the inspector's test in 60 seconds or less. That is just a rule of thumb in the industry and not a requirement. Section 8.2 of NFPA 13 (2022 edition) Standard for the Installation of Sprinkler Systems covers dry pipe system general requirements. Section 8.3.2 does state that dry pipe system must deliver water to the inspector's test connection within 60 seconds, unless.

1. The volume of the system is less than 500 gallons, then there is no time requirement.
2. If the system is between 500 and 750 gallons and has a quick opening device there is no time requirement.

Table 8.2.3.6.1 has specific requirements for water delivery based on the hazard being protected when a listed calculation program is used to design the dry pipe system.

1. Dwelling units -15 seconds
2. Light hazard- 60 seconds
3. Ordinary group 1- 50 seconds (with 2 sprinklers open)
4. Ordinary group 2- 50 seconds (with 2 sprinklers open)
5. Extra group 1 – 45 seconds (with 4 sprinklers open)
6. Extra group 2- 45 seconds (with 4 sprinklers open)
7. High piled storage – 40 seconds (with 4 sprinklers open)

It is important to establish that 60 seconds is not always the requirement, the next step is to get into the ITM of dry pipe systems.

These requirements can be found in Chapter 13 of NFPA 25 The Standard for *Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems*.

Section 13.4.5.1 of NFPA 25 (2023 edition) provides most of the ITM requirements for dry pipe systems.

Starting with the easy stuff; signs. The importance of a sign(s) required by NFPA 13 and maintained in NFPA 25, cannot be easily discounted or labeled as not important. A sign is required to be at the dry pipe valve indicating the number and location of auxiliary drains. This requirement is also required by the information and general information signs found in Chapter 5.

Tripping of the dry pipe valve

NFPA 25 requires a dry pipe valve to have a full flow trip test every three years with a partial trip test required for the two years in-between the full flow test. A partial trip test is closing the control valve of the dry pipe system partially, releasing the air or nitrogen from the system and when the valve trips, close the control valve as quickly as possible to prevent water from entering the piping network. This test is simply to exercise the components of the valve. The complete sequence of operation can be found in Annex Section A.13.4.5.2.2.3 of NFPA 25.

The full flow trip test is a bit more involved and is used to determine how the system is operating as compared to the original acceptance test. The major difference from this test and the partial trip test is that in this test, the control valve will remain fully open. This test will typically involve at least two technicians, two-way communications, and a stopwatch. The test will require the technicians to record initial pressures, trip pressures and the time it takes for water to reach the inspector's test connection. As with the partial trip test, the full sequence of operation can be found in Annex Section A.13.4.5.2.2.2 of NFPA 25.

2023 NFPA 25 dry trip time changes

These recordings will be compared to the original acceptance test information. Section 14.3.1 (15) states that when there is a 25% increase in water delivery to the inspector's test connection as compared to the original acceptance test, an obstruction investigation must be completed. The 25% is new in the 2023 edition of NFPA 25, for previous editions the requirement was a 50% increase in water deliver time. This is why there is no specific time in NFPA

continued on page 26

continued from page 25

25 to deliver water to the inspector's test connection. It is only based on comparison to the original acceptance test. Section 4.3.4 requires the owner to retain the original acceptance test records for the life of the system.

Other Dry Pipe Testing Requirements

The low air pressure switch is tested annually. In accordance with NFPA 72, the National Fire Alarm and Signaling Code, the low air pressure switch shall activate within 10 PSI below and if equipped with high pressure monitoring, 10 PSI above normal air pressure. This requirement is not in NFPA 25, but must be followed for proper operation of the system. To complete this test, the normal air pressure must be known. Refer to the blog <https://nfsa.org/2023/02/27/differential-dry-pipe-valves/> on differential in dry systems to determine normal air pressure for a dry system. For low pressure actuated dry pipe valves, the manufacturer's data sheet should be consulted for normal air pressure requirements.

Quick Opening Devices

Quick opening devices must be tested quarterly. There are two types of quick opening devices, accelerators and exhausters:

- An exhauster will usually be installed at the end of a cross main and in a heated location. The function of an exhauster is to exhaust air from the dry system very rapidly.
- An accelerator operation depends on the type of dry system it is on. For a conventional dry pipe valve the accelerator would store energy in the upper chamber of the device and when there was a loss of air pressure it would send the stored energy (air pressure) to the intermediate chamber of the dry pipe valve opening the clapper. On low pressure actuated valves the accelerator discharges the stored energy to atmosphere in turn opening the clapper faster.

In short, a quick opening device (QOD) is accomplished through an accelerator or exhauster and opens the clapper of the dry pipe valve faster to get water where needed sooner. The sequence for testing the QOD is in Annex Section A.13.4.5.2.4 of NFPA 25.

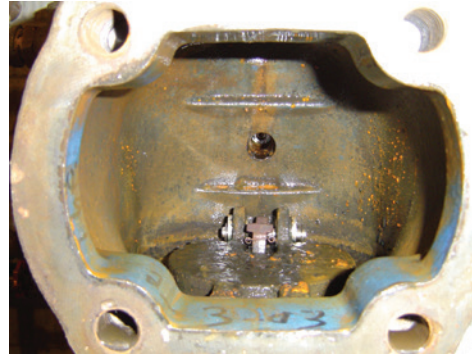
Dry Pipe Valve Inspection

Externally a dry pipe valve is required to be inspected monthly. NFPA 25 guides the inspector to look at the conditions of the valve, such as corrosion, leakage, and correct trim valve position.

Internally a dry pipe valve is required to be inspected annually. There is a false rumor that if a dry pipe valve can be externally reset then it is not required to remove the faceplate annually to complete the inspection. This is only true for preaction and deluge systems. NFPA 25 still requires all dry pipe valves to internally inspected annually.

Priming Water Testing

Priming water testing is required quarterly. Not maintaining the proper priming water levels in dry systems can either cause false



activation of the system or could slow the operation of the system, depending on the manufacturer of the system.

A three-year air leakage test, if required, to be completed by one of two methods.

1. Set air or nitrogen pressure to 40 PSI and no more than 3 PSI can be lost within 2 hours.
2. Close airline to the system and the low air pressure switch cannot activate within 4 hours.

Auxiliary Drains and Freezing

One of the most common causes of dry system freeze-ups is lack of draining auxiliary drains. Many think that this a frequency-based requirement, but, in fact, it is a maintenance item. Maintenance is work completed to keep the system operational. Auxiliary drains are required to be drained before and during the onset of freezing weather and as needed after. They are also required to be drained after the operation of the dry pipe valve.

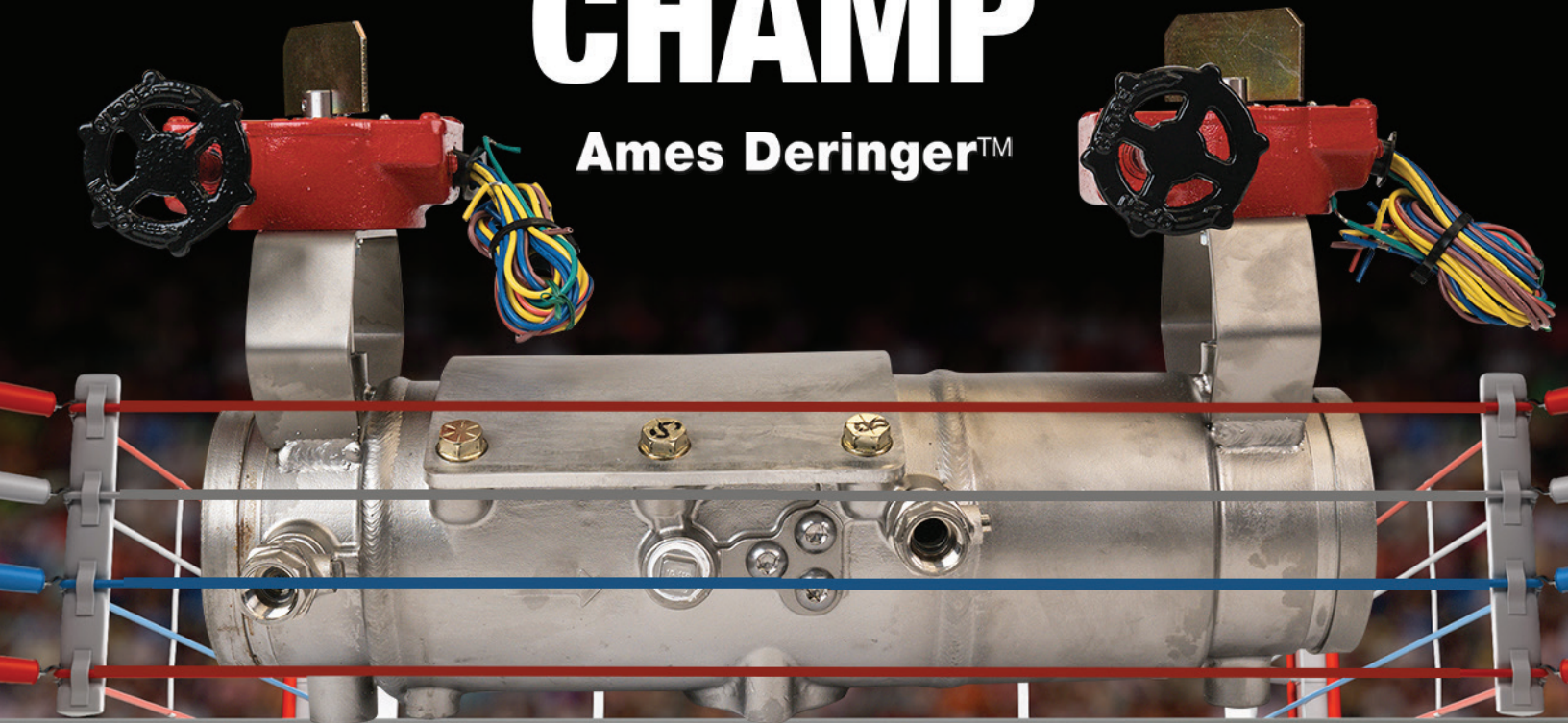
More On ITM and Dry Pipe Systems



There are other ITM requirements such as air compressors for dry pipe systems which can be found in NFPA 25 and the manufacturer's requirements. Often dry pipe systems are not being maintained properly and this can lead to catastrophic failures of these systems. If properly installed and maintained dry pipe systems are dependable and do not require constant repair. Most technicians only compare the results of the test to the previous test, and this will not provide a comprehensive view of how the system is performing. NFPA 25 is a comparison document to determine how the system is operating as compared to the day it was installed.

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How Technical Service Experts Bridge the Gap Between Product Complexity and Customer Knowledge

by Darby Napieralski, *Viking's Marketing Communications Manager*

Technical services teams are at the forefront of customer inquiries, general product questions, and more often than not, complicated scenarios in which they must assist their patrons with codes or design information. These customer-serving technical experts are the bridge that gaps the disconnect between a complex product and someone's ability to understand and successfully use that product.

Caleb Case, Senior Product Specialist, is one of Viking's said technical experts, helping customers understand even the most byzantine scenarios. "We get quite an influx of product questions on a daily basis, so you really need to know a lot about as much as you can," says Case, a technical services employee for 7 years now. "Luckily we have a strong team and everyone here is a really great resource. We help each other out and make sure our customers get a timely and accurate level of assistance."

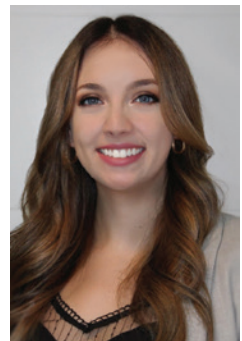
"... Viking's technical services team members are there to field every request that comes through and ensure customers can get their jobs done accurately."

What sort of questions do Viking's technical experts get the most frequently? Caleb gave us some insights as to what some of the most common inquiries are, and what his solutions might be for some of those scenarios. "We get asked a lot of specific product questions, but oftentimes, it's customers calling to ask what part numbers they need. It's our job to make sure they have every single component to complete their jobs." For instance, Caleb cites a frequent scenario: What part numbers are required to build a double interlock electric pneumatic preaction system? It's the technical services team's job to then request the customer quote, review all the materials and look through with a fine-tooth comb to ensure there isn't anything missing. Quotes can be adjusted from there if something is missing or should be changed, and oftentimes, customers are able to utilize one of Viking's digital tools to get a better understanding of what's needed. Caleb and his team assist customers with this, as well. "A lot of times it's something that the customer actually has the power to do themselves. We're always happy to walk customers through one of our relevant digital tools, step-by-step, so they have the confidence to use it down the road."

Technical services members also receive forwarded social media requests from time-to-time, as well. "Sometimes the marketing

department will be monitoring our social media channels, and someone sends in a question through a Facebook message or a comment on an Instagram post, and we need to be prepared to answer those, too," notes Case. Oftentimes in these circumstances, customers are asking about specific products, and it's typically related to a new, recently launched offering freshly appearing in a social media post. "You need to be on your 'A-game' so to speak – every new product that we launch usually comes with a large amount of customer questions wanting to know more about its technical information."

Aside from part number questions and quote reviews (and



excited calls asking for more information on a newly released product) Caleb notes that a lot of questions are related to design aspects or code concerns. "We get a lot of calls about how to protect certain storage arrangements, how many fire sprinklers need to be used for a specific job, what sort of fire sprinkler offerings we provide that allow for 50' of box-in-box freezer storage protection, and other questions, like understanding the hydraulic design for special sprinklers."

Whether it's a detailed technical question about a valve or fire sprinkler design, a customer wondering how to find the best fire sprinkler for their job, or someone chatting in to ask about the most important facts regarding a new product, Viking's technical services team members are there to field every request that comes through and ensure customers can get their jobs done accurately. One significant component to the team, often overlooked, is that the tech experts aren't just assisting customers – they also serve as an incredible resource to the internal Viking team, as well. From pricing to marketing, sales and everything in between, our organization knows that we can count on the technical experts to get us the information we need to assist our customer base in making the world a safer place. •



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I Thought it was Over... A Sprinkler Save Story

by Lieutenant Brian Rynders, *Cudahy, WI Fire Department*

I feel compelled to share my story about a home-fire sprinkler system that saved a family's life. As a full-time firefighter with over sixteen years of experience, I have personally seen the benefits that a fire suppression system can provide. I now serve as a fire lieutenant and was the first arriving engine to the scene on a recent February morning at 1:41 a.m. My commanding officer directed me to the rear of the building, where the entrance door to the second story apartment was open. The sounds of rushing water could be heard from the entry door. After I confirmed the fire was out, I quickly located the sprinkler riser room, where water could be shut off to the system, and stopped the flow from the activated sprinkler head. After performing the remainder of my duties on scene and returning to the firehouse that night, I couldn't help but ponder how different that incident could have been if the building was not equipped with fire sprinklers.

I thought about the lengthy hose lay that would have been required from where our engine parked to where we found the entrance. I thought about the exertion involved moving a charged hand line up a flight of stairs and then continuing to advance it. I also wondered if I would have fallen back on my training, searching the surrounding area closest to the fire first, successfully finding the resident who had fallen asleep on his couch and would have surely been overcome by smoke. Or would I have first searched the bedrooms, where we would have logically suspected victims to be sleeping at that time of night? The other occupant was there. What would have been her condition? And would it have been a difficult task removing an unconscious victim from a second-story residence with the fire origin right next to the exit? Luckily, that night, I didn't have to worry about these thoughts: I was met by the residents, who were both walking around assessing the situation; light smoke conditions and wet floors were the only discernable damage to their home. Their sprinkler system not only did our job quicker than we could, but also rescued them.

The occupant sleeping in the back bedroom suffered from asthma. We attached our RAD-57 to her finger, as is commonly performed during pulse oximetry readings, and provided her peace of mind that she had no carbon monoxide levels in her bloodstream. We set up our large fan near their entrance, strategically opening one window at a time in each room, quickly eliminating all smoke from the residence. I moved with intention, to not allow too much cold air into their home. While the temperature seemed

mild, it still was winter in Wisconsin. I recall the occupant stating she had no worries about the cold air. She was happy with the outcome of the incident and that we were able to remove all the smoke. And I recall the comment the gentleman had made when he'd awoken on the couch to witness the magnitude of flames: "I thought it was over."

When I looked at the photos we had taken showing the origin of the fire, I compared them to all the images of fires I have responded to with no sprinkler systems. I thought about times I have told homeowners how minor their damage was only to realize I was



comparing their fire to so many others I had seen that were so much worse. Most small fires put out with our hand lines created significant damage and expense. I then remembered a fire we contained to a second-story closet, yet it still caused damage to that room and resulted in water leaking from the ceiling into the kitchen. This was an incident where I thought the damage wasn't that bad. Again, I was making a comparison to so many others. Nonetheless, that family still needed to be relocated until repairs and cleanup were performed. It makes me think about all the families that have needed to be relocated through the help of the Red Cross. But not on this night: the sprinklers did their job. The owners of the building had promptly responded to the scene and performed the necessary fire watch until the sprinkler system could be restored. This was accomplished within two hours thanks to NFSA Member Blair Fire Protection.

While it is obvious how much property damage this fire sprinkler system averted, I am most thankful for the safety of the two occupants who were home that night, along with the residents of the five other units in that building, and the safety of all the firefighters who could have been involved with fighting fire that night. •





I'm Not Coming to Austin! What I'm Gonna Miss...

Since I was afforded the privilege of attending our annual seminars and expos, I haven't missed one... until now. Thanks to my favorite (and only) niece picking May 6th as the date of her destination wedding, I am unable to join you in Austin for our long-awaited *North American Fire Sprinkler Expo!*

As many of you know, you can most often find me staffing the NFSA booth, helping my fellow exhibitors with any problems, walking the exhibit hall, and peeking in on sessions to snap photos for social media. Staffing these conferences is a lot of work! Before one is over, we are already working on the next one. It's like this magazine, I'm working on the July/August issue while I'm writing this for May/June.

Once the date arrives, the travel, the rush to set up, the butterflies that all is as it should be, the early hours and late nights, all add up to most of us needing a vacation once the event is over. If you can't see it for yourself, I must tell you that Team NFSA works so hard to make these conferences the best they could be, and better than the one before. We are constantly striving to improve and enhance the member experience. I am proud to be among some of the most dedicated people I've ever had the pleasure of working with.

We select wonderful places for our seminars. I've been able to visit parts of the country I probably never would have seen on my own. Although there is not much time to enjoy the great locales, I can say that I did get to see some amazing sites beyond the confines of an expo hall and an airport. I went to the Grand Ole Opry in Nashville. I saw the Queen Mary (albeit from a distance) in Dana Point, CA. I saw baby turtles hatching on the beach in Fort Lauderdale. And much to my chagrin, those darn one-armed bandits did a number on me in Vegas! Yes, I learn my lessons the hard way!

What will I miss?

So, back to what I'll miss. I can sum it up in a few words: The Fire Sprinkler Family! We are truly a unique industry. How many people can claim that the products they produce save lives and property? Team NFSA is so proud to represent the fire sprinkler industry. Every one of us is dedicated to promoting the life- and property-saving benefits of fire sprinkler systems. This all comes home to roost when we finally get the opportunity to all be together. To visit our members' booths to see what's new, catch up with old friends and get introduced to new ones. To attend the varied sessions that are so excellently presented by the best of the best the industry has to offer. To network with our many contractor members whose dedication to the association never wavers. To have the chance to honor our industry greats at our awards banquet. Yes, these are all the things I will miss.

I've already handed out some marching orders to anyone that would listen. Take care of the exhibitors! Take photos of all the

booths! Get a wide shot of the entire exhibit hall! Post, post, post to social media! Don't forget to get photos of the award winners! Don't stay out too late! Be on time! (Once a mom, always a mom!)

To our members, my wish is that this long-awaited annual seminar and expo is all you anticipated. May our exhibitors have a great show. May our speakers have attentive and appreciative audiences. May our attendees get their CEUs while learning in a lively and informative manner and take the time to visit each expo booth to see what's new in our wonderful industry. May our award recipients feel truly honored and appreciated. May all have time for catching up and meeting new fellow members. Most of all, I hope you have a lot of fun!

To my fellow teammates, I consider myself lucky to work with each of you. I know how hard you will be working throughout the conference. I know all the effort we've put into this conference will pay off! I know you'll all breathe a sigh of relief when it's over and the butterflies will finally be released from your gut.

No resting on our laurels, we'll be deep into the woods for our *2024 Annual Seminar and Business and Leadership Conference in Maui!*

I look forward to seeing everyone there!

Joanne

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Brian Geraci, *MD State FM*

2023 Hall of Fame Inductees:

Buddy Dewar, *NFSA*

Ray Fremont, Sr., *General Air*

George J. McHugh, *AFG Manufacturing*

Congratulations to our honorees on their most-deserved awards!



The NFSA Board of Directors is in Scottsdale, AZ. The board was joined by local members to recognize the Scottsdale Fire Department for their work to promote fire sprinklers. L-R NFSA Prez Shane Ray, Asst Chief Kerry Swick, Fire Marshal Kristi Gagnon, former fire chief Jim Ford



SAM Council members being sworn in L-R Jim McHugh of AGF Mfg., Phil Schechinger of ASC, Adam Owens of Viking SupplyNet, and Dave Stevens (virtual) of Core and Main.



NFSA President Shane Ray swears in our Contractors Council Members L-R: John Deluca SRI (area 1), Dave Oliver Oliver Fire and Security (area 2), Dan Ryan Ryan Fire Protection (dir at large), Zarko O MJ Wood (area 4), Kyle Howell Kimble Company (area 10)



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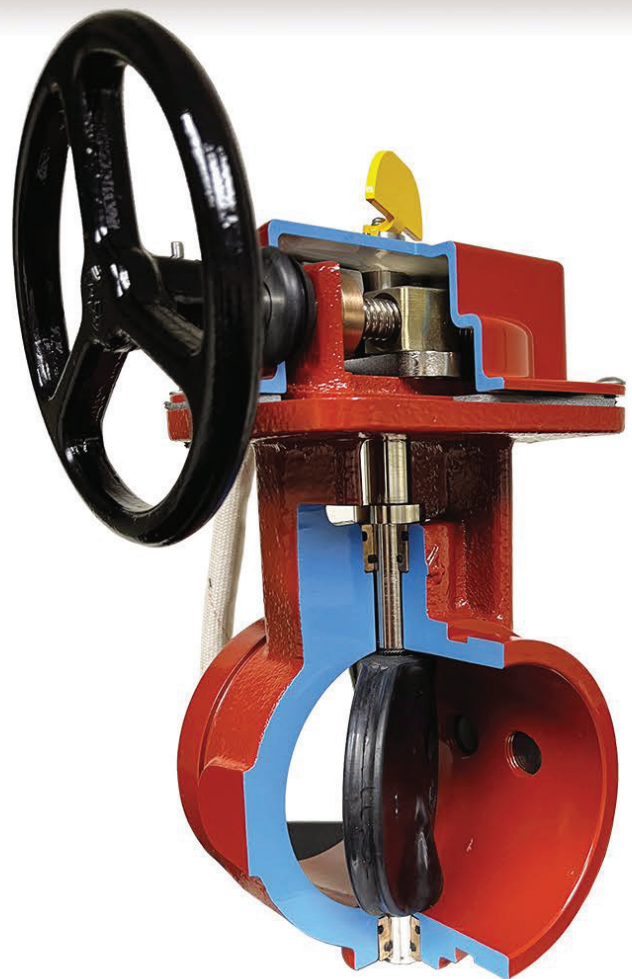
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Toll-Free: 800.641.0005
Email: Sales@Accu-Fire.com
www.Accu-Fire.com

Founded:
1991

Primary Products/Services:
Fire Sprinkler Fabrication & Supply

Market Area:
Northeastern US

Hours of Operation:
7:00 a.m. - 5:00 p.m. Mon.-Fri.

Management:
Deandra Murphy, President
Vince Murphy Sr., Vice President
Vince Murphy Jr., General Manager
Dan Boice, Sales Manager
Mike Murphy, Regional Sales Manager
Neil Gregoire, Capital Region Sales Director
Travis Granger, Insider Sales
Inga Wright, Accounts Payable

Sales Contact:
Michael Murphy, Regional Sales Manager
Tel: 215.858.2508

Company Profile:

Since its inception in 1991, Accu-Fire remains a family owned and operated business. We are dedicated in providing superior fabrication and unparalleled service to our customers. Our 90,000 sq. ft. fabrication facility has over ten acres of pipe inventory. In late 2018, we finished an adjacent 45,000 sq. ft. storage facility to house our loose inventory. All products are delivered on our company trucks equipped with either a 65-foot knuckle boom crane or rear mounted fork lift. In addition to fabrication, Accu-Fire is a full-service supplier of fire sprinkler devices. Visit www.Accu-Fire.com for product affiliation. Accu-Fire is an approved Women's Business Enterprise.



Aegis Technologies, Inc.

319 Circle of Progress Dr
Pottstown, Pennsylvania 19464-3811
Tel: 610.676.0300
Email: ejensen@aegistechnologiesinc.com
www.aegistechnologiesinc.com

Founded:
2007

Primary Products/Services:
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Market Area:
No. America, Europe
Hours of Operation:
8:00 a.m.-4:00 p.m. EST

Management:
Erik T. Jensen - President
Theodore R. Jensen - Exec Vice President
Terry F. Clark - VP of Sales
Michael D. Ketterer - VP of Engineering

Sales Contact:
Terry Clark, V.P. Sales
Email: tclark@aegistechnologiesinc.com

Company Profile:

Aegis Technologies, Inc. is a domestic specialty fittings manufacturer that has the know-how, experience, and determination to provide your fitters with high quality fittings at a value that will help you continue to realize material and labor savings. The Aegis product offering consist of the Adjuster adjustable sprinkler drop, the Dropster non-adjustable sprinkler drop and Whizweld

Branchlet welding outlet. The Adjuster is an inexpensive fitting that saves comeback labor by addressing the installation variances in the horizontal plane which account for the majority of comeback costs. The Dropster eliminates the traditional make-up labor of a reducing coupling and nipple in the field or shop. The Whizweld Branchlet with its compound contour design provides excellent fit for easy one-pass welding. Whizwelds are made for automatic welders.



AGF Manufacturing, Inc.

100 Quaker Lane
Malvern, Pennsylvania 19355-2479
Tel: 610 240-4900
Email: jmchugh@agfmfg.com
www.agfmfg.com

Founded:
1986

Primary Products/Services:
Fire Protection Valves and Accessories

Market Area:
International

Management:
Jim McHugh
George McHugh
Rich Pancoast

Sales Contact:
Jason Uder, National Sales
Email: juder@agfmfg.com

Company Profile:

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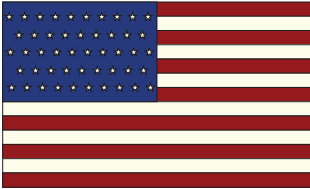
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Viking is a proud Platinum Sponsor!
Visit our booths #59 and #60 to learn more!

We provide a comprehensive list of manufactured products to ensure they meet customer needs under the Buy American Act provisions of the Federal Acquisition Regulation.





You can view an entire list of our BAA compliant products on our website. Scan the QR code below or head to vikinggroupinc.com/baa.



includes: PURGENVENT™, COLLECTANDRAIN®, CORRINSITE™, TESTANDRAIN®, RemoteTEST®, Inspector'sTEST™, RiserPACK™, and TESTANSAVE™

American AVK Company

2155 Meridian Boulevard
Minden, Nevada 89423
Tel: 775.552.1400
Email: droe@avkus.com
www.americanavk.com

Founded:
1985

Primary Products/Services:
Valves and Hydrants

Market Area:
North and South America

Hours of Operation:
8:00 a.m.-5:00 p.m.

Management:
Al Jurkonis, President
David Roe, Business Unit Manager
Tel: 775.552.1430
Email: droe@avkus.com

Company Profile:

American AVK is a leading US manufacturer of gate valves, fire hydrants and accessories for the water, wastewater, fire protection and irrigation industries.

AVK was one of the first valve manufacturers in the world to develop and design the Resilient Seated Gate Valve. AVK is at the forefront of technology for products serving the Water Works and Fire Protection Industries. American AVK was incorporated in 1985 to introduce AVK gate valves to North America. AVK is in a state-of-the-art 180,000 sq. ft. manufacturing facility in Minden, Nevada. American AVK is a subsidiary of the AVK Group of Companies, a global manufacturer of valves, hydrants and accessories for the Water Works, Waste Water, Fire Protection and Natural Gas Industries.

American Backflow Products Company

PO Box 37025
Tallahassee, Florida 32315
Tel: 800.575.9618
www.backflowparts.com

Founded:
1976

Hours of Operation:
8:00 a.m.-6:00 p.m. M-F EST

Management:

Mark Inman, COO
Email: imark@backflowparts.com

Company Profile:

American Backflow Products Company is your complete source for repair parts for Backflow Preventers, Fire Pumps, Fire Hydrants and Automatic Control Valves. Founded in 1976, our company is the nation's leading backflow preventer specialist, trusted by thousands of technicians, plumbing contractors, fire line contractors, irrigation contractors, building managers and city officials across the country. Our dedication to providing the most comprehensive selection of repair parts is second to none and only matched by the knowledge of our highly trained staff. We carry nearly every imaginable part for all the major brands of Backflow Preventers, Fire Pumps, Fire Hydrants and Automatic Control Valves. Whether you have Ames, ARI, Conbraco Apollo, CLA-VAL, Febco, Flomatic, Hersey, Watts, Wilkins, Viking or Rain Bird, Aurora, Patterson Peerless, AC Pumps, Fairbanks, Mueller, Clow, M&H or American Darling, we stock the repair parts you need. Our Assembly Repair Matrix makes it easy to find the correct repair parts, repair procedures or specification sheets for all current backflow prevention assemblies. Select your manufacturer and model and all the information you need to repair the assembly will be displayed. If you are ordering parts online, simply select the order form button, fill it out and email it to us and a member of our staff will contact you within 24 hours to complete your order.

We use fast, reliable, and insured shipping couriers to get your repair parts to you, on time – every time anywhere in the country or around the world. We guarantee same day shipping and our website even provides UPS tracking so you'll know where your order is and when it will arrive.



ARGCO (Allied Rubber & Gasket Company)

3145 Tiger Run Court Suite 105
Carlsbad, California 92010
Tel: 760.854.1015
Toll-Free: 800.854.1015
www.argco.com

Founded:
1981

Primary Products/Services:

Fire Sprinkler Specialties, Fire Equipment, Piping Tools, Flexible Sprinkler Drops, Thread Sealants, Hangers & Fasteners, Pipe Fittings and Valves

Market Area:

International

Hours of Operation:

6:00 a.m.-4:00 p.m. PST, Mon.-Fri.

Management:

Frank Bishop, Sales Manager
Tom Stoddard, Operations
Chris Mengel, Sales
Lawrence Kent, Sales
Big Wave Dave Shaughnessy, Sales
Tom Keigwin, Sales,

Sales Contact:

Frank Bishop, Sales Manager
Tel: 800.854.1015

Company Profile:

Serving the industry since 1981, ARGCO's outside-the-box philosophy sets this company apart from the rest. Innovative products available nowhere else, great value on everyday sprinkler items within equal quality at half the price of the competition. The product line includes ARGCO's own brand of quality steel pipe working tools and replacement parts, flexible sprinkler drops, grooved pipe couplings and fittings, valves, thread sealants, and a great selection of fire sprinkler specialties. ARGCO.com offers customers a state-of-the-art online shopping experience that is unparalleled in the industry, with locations throughout the United States..

Armstrong Pumps

93 East Ave.
No. Tonawanda, NY 14120-6527
Tel: 813.907.2484

<https://armstrongfluidtechnology.com/en/products-and-services/fire-safety>

ASC Engineered Solutions (formerly Anvil & Smith-Cooper International)

2001 Spring Road, Suite 300
Oak Brook, IL 60523
Tel: 800-301-2701
www.asc-es.com

Founded:
1850

Primary Products/Services:

Pipe connections, grooved couplings and fittings, valves, hangers, strut framing, seismic bracing, flexible sprinkler connections, engineered

hangers, digital design solutions and fabrication equipment.

Market Area:

Domestic USA and International

Hours of Operation:

8:00 a.m.-5:00 p.m., Mon.-Fri.

Management:

Jason Hild - CEO

Dean Taylor - Executive VP of Sales

Phil Schechinger - VP of Fire Protection Sales

Sales Contact:

Customer Service Email:

customerservice@asc-es.com

Company Profile:

ASC Engineered Solutions (formerly Anvil International & Smith-Cooper International) provides the highest-quality PVF products and services with integrity and dedication to superior customer service. We offer some of the most innovative and respected brands in the industry, such as FlexHead, Gruvlok, and FPPI.

Our range of products used in fire protection is unmatched. This enables you to source more of what you need from a single knowledgeable and reliable partner with full accountability. Our certified, U.S.-sourced products are 100% traceable from foundry to installation.

ASC Engineered Solutions is an industry leader in seismic protection systems, offering a comprehensive range of product solutions as well as innovative tools, such as our proprietary Seis Brace® Fire Protection design tool to easily specify products and meet seismic design requirements in compliance with NFPA 13 (2016/ASCE7-10) NFPA 13 (2019/ASCE7-16).

ASC Engineered Solutions is defined by quality—in its products, services and support. With more than 1,400 employees, the company's portfolio of precision-engineered piping support, valves and connections provides products to more than 4,000 customers across industries, such as mechanical, industrial, fire protection, oil and gas, and commercial and residential construction. Its portfolio of leading brands includes ABZ Valve®, AFCON®, Anvil®, Anvil EPS, Anvil Services, Basic-PSA, Beck®, Catawissa, Cooplet®, FlexHead®, FPPI®, Gruvlok®, J.B. Smith, Merit®, North Alabama Pipe, Quadrant®, SCI®, Sharpe®, SlideLOK®, SPF® and SprinkFLEX®. With headquarters in Commerce, CA, and Exeter, NH, ASC also has ISO 9001:2015 certified production facilities in PA, TN, IL, TX, AL, LA, KS, and RI.

AutoSprink M.E.P. CAD

181 N Arroyo Grande Blvd Ste A105

Henderson, NV 89074-1631

Tel: 877.4188.526

www.mepcad.com

Brooks Equipment

10926 David Taylor Drive

Ste 300

Charlotte, North Carolina 28262

Tel: 704.916.2474

www.brooksequipment.com



BuildingReports

1325 Satellite Blvd. Ste 1607

Suwanee, Georgia 30024

Tel: 770.495.1993

www.buildingreports.com

Founded:

2000

Primary Products/Services:

Inspection and compliance reporting software

Market Area:

Worldwide

Hours of Operation:

8:00 a.m.-5:00 p.m. ET Mon-Fri.

Management:

Jason Kronz, President & CTO

Dwight Wills, V.P., Sales & Marketing

Sales Contact:

Dwight Wills, V.P., Sales & Marketing

Tel: 770.495.1993

Email: sales@buildingreports.com

Company Profile:

Building safety compliance is critical to service companies, building owners and fire and safety officials who are charged with safeguarding occupants. BuildingReports' leading mobile and online inspection reporting solutions enable inspectors to quickly gather data on fire and life safety devices to ensure they are working properly and meet code requirements. With over 9 million inspection reports to date, and more than

18 billion square feet of floor space inspected in over 1 million buildings, BuildingReports has earned its reputation as the most trusted name in compliance reporting.

BuildOps

2118 Wilshire Blvd Ste 975, Santa Monica, California, 90404

Tel: (213) 559-1988

Email: sales@buildops.com

<https://buildops.com/>

Founded:

2018

Management:

Scott Larson, Partnerships

(925) 683-9185

scott@buildops.com

Company Profile:

BuildOps is the only all-in-one field service and project management platform built for the commercial fire & life safety contractor.



Bull Moose Tube

1819 Clarkson Road

Chesterfield, Missouri 63017

Tel: 636.537.2600

Email:

nate.carruthers@bullmooseindustries.com

Founded:

1962

Primary Products/Services:

Sprinkler Pipe

Market Area:

North America

Hours of Operation:

8:00 a.m.-5:00 p.m. M-F

Management:

Tom Modrowski, President & CEO

John Krupinski, CFO

Andy Annakin, Executive Vice President & Chief

Commercial Officer

Sales Contact:

Dave Weinrich, Director of Sales – Fire Protection

Tel: 636.537.2600

Email: dave.weinrich@bullmooseindustries.com

Company Profile:

Bull Moose was founded in 1962, building from the start on core values such as reliable quality, stable production, and exemplary service. The following decades have seen Bull Moose grow from a single plant in Missouri to eight production operations coast to coast. Recent investment in a new facility in Sinton, TX further enhanced our superior geographic footprint and broadened our product offering through 10" pipe.

Bull Moose Advantages:

- Most stocking locations in the industry, for best delivery and availability.
- UL listed (US & Canada) and FM Approved.
- ASTM A135 and A795 Type E. Grade A Certified.
- Complies with NFPA 13, 13R and 14.
- Industry-leading hydraulic characteristics.
- CRR of 1.0 and greater.
- All pipe NDT weld tested
- Plain end or roll groove.
- EddyGuard II® bacterial resistant internal coating.
- Custom Length Options.
- Hot dipped galvanization
- Compatible for use in wet, dry, pre-action and deluge sprinkler systems. For more information, go to www.bullmoosetube.com.

BusyBusy

475 S Donlee Dr
St. George, UT 84770-5231
Tel: 435.414.8598
Email: info@busybusy.com
www.busybusy.com

C-Aire Compressors

380 W 1st St Dresser, WI 54009-9042 US
Tel: 651-462-3440; 800-762-2247
Email: sales@caireinc.net
www.cairecompressors.com

Founded:

1979

Product & Services:

Fire Protection Air Compressors, Quiet Compressors, Dry Air Compressors, Baseplate Compressors, Oil Lubricated Tank Compressors, Digital Pressure Switch, Air Maintenance Device, Compressor Parts. Compressor maintenance and repair service.

Market Area:

North America

Management:

Jason Hedeen, CEO

Sales Contact:

Inside Sales Team

Company Profile:

C-Aire is a leader in expert service, guaranteed quality, and breakthrough innovation in the fire protection air compressor market. Founded over 44 years ago, owners Jason and Carin Hedeen built the company on the core values of integrity, accountability, and a passion for fulfilling customer needs. Products are manufactured with the highest standards from design to delivery. Constantly seeking to introduce innovations that simplify processes and solve industry challenges has become the hallmark of C-Aire. Call C-Aire today and get connected within seconds to a highly trained representative who will assist you with all your needs. Visit our website to see our complete product and service offerings that include:

Whisper Quiet Series – Quiet, compact units that are specifically designed for settings where noise is a concern. These units are oil-free, easy to install, and low maintenance.

Baseplate Series – Tankless units that contain a motor, pump, and Digital AMD Gen-3 or 30-40 psi pressure switch.

Oil-Lubricated Tank Series – Built for longevity and provide the lowest total cost of ownership over the life of the building.

Dry Air Series – Targeted specifically for corrosion free applications and refrigerated/freezer facilities.

Digital AMD Gen-3 with Leak Detection – Set pressure in seconds and measure air leaks to maintain optimal dry sprinkler system performance.

Air Maintenance Device (CAMD1) – FM Approved Automatic AMD, assembled and tested in the USA

Chicago Backflow, Inc

12607 S. Laramie Avenue
Alsip, Illinois 60803
Tel: 708.389.5600
Email: contact@backflow.com
www.backflow.com

Founded:

1993

Primary Products/Services:

Backflow Prevention Service, Testing, Installation and Inspection

Market Area:

Northern Illinois and Northwest Indiana

Hours of Operation:

8:00 a.m. - 4:30 p.m. Mon.-Fri.

Management:

Michael Eisenhauer, President
Douglas Eisenhauer, V.P.

Sales Contact:

Barb Jonas, Office Manager
Email: contact@backflow.com

Company Profile:

Chicago Backflow, Inc. is the Premier Backflow Testing Company. We have been serving Northern Illinois and Northwest Indiana since 1993. We are dedicated to protecting your drinking water.

Offering full-warranty backflow testing & service. Any and all repair parts, labor and return trips are covered. Never worry about costly repairs to your backflow preventer. We carry over \$400,000 in inventory parts and are available 24/7.

Clarke Fire Protection Products, Inc.

100 Progress Place
Cincinnati, Ohio 45246
Tel: 513.475.3473
Email: jstrousse@clarkefire.com
www.clarkefire.com

Founded:

1964

Primary Products/Services:

Diesel Engine Fire Pump Drivers

Market Area:

Global

Hours of Operation:

24/7

Management:

Dane Petrie - CEO
John Whitney – President
Justin Strousse - Director of Global Sales
Ken Wauligman - Engineering Manager
Brandon Cushman - Plant Manager
John Whitney III – Customer Support Manager
Sales Contact:
Ted Christian – Regional Manager – US & Canada
Email: tchristian@clarkefire.com
Tel: 513.725.5327

Company Profile:

Clarke Fire Protection Products is a global supplier of UL/FM diesel fire pump drivers,

meeting NFPA20 and country-code requirements. Products include the pressure-limiting driver (PLD) and Tier 3 EPA-certified engines. Manufacturing locations are Cincinnati, Ohio and Coatbridge, Scotland.



Core & Main Fire Protection

1830 Craig Park Court
 St. Louis, Missouri 63146 Tel: 800.492.6909
www.coreandmainfire.com

Primary Products/Services:

Full-line supplier and fabricator

Market Area:

National

Hours of Operation:

8:00 a.m.-5:00 p.m., Mon.-Fri.

Management:

Brad Cowles, President
 Hank Evans, Director of Operations
 Derek Allen, Regional Director West
 Lawson Brown, Senior Regional Director Southeast
 Bradley Moss, Senior Regional Director Northeast
 Dave Stevens, Senior Manager, Business Development

Sales Contact:

Hank Evans, Director of Operations
 Email: hank.evans@coreandmain.com

Company Profile:

Core & Main Fire Protection offers a full array of fire protection products and services. With an ever-growing footprint, our strategically located supply and fabrication facilities maintain vast inventories and enable us to provide superior customer service along with today's technology. Our fabrication facilities are backed by strict quality control procedures and offer custom fabrication to meet the needs of your next project.

**CORE & MAIN FIRE PROTECTION
 BRANCH LOCATIONS:**

MOBILE, ALABAMA
 4070 Halls Mill Rd.
 Mobile, AL 36693
 Tel: 251.406.8941
 Fax: 251.661.7804

PHOENIX, ARIZONA
 1450 E Buckeye Rd.
 Phoenix, AZ 85034
 Tel: 602.256.0050
 Fax: 602.256.7117

HAYWARD, CALIFORNIA
 2407 Industrial Parkway W
 Hayward, CA 94545
 Tel: 510.441.1650
 Fax: 510.441.1620

SAN FRANCISCO, CALIFORNIA
 111 Toland St.
 San Francisco, CA 94124
 Tel: 415.431.8722
 Fax: 415.431.8567

SACRAMENTO, CALIFORNIA
 1120 Blumenfeld Drive
 Sacramento, CA 95815
 Tel: 916.565.0466
 Fax: 916.565.1852

FRESNO, CALIFORNIA
 4710 E Commerce Ave.
 Fresno, CA 93725
 Tel: 559.441.7171
 Fax: 559.441.7175

LA HABRA, CALIFORNIA
 751 E Lambert Rd.
 La Habra, CA 90631
 Tel: 562.690.8800
 Fax: 562.690.1419

LODI, CALIFORNIA
 1625 S Stockton St.
 Lodi, CA 95240
 Tel: 209.334.9768
 Fax: 209.334.9773

FONTANA, CALIFORNIA
 15535 Arrow Route
 Fontana, CA 92335
 Tel: 909.320.5306
 Fax: 909.356.8599

SAN DIEGO, CALIFORNIA
 8159 Engineer Rd.
 San Diego, CA 92111
 Tel: 619.314.9274
 Fax: 619.330.3941

DENVER, COLORADO
 4735 Leyden St.
 Denver, CO 80216
 Tel: 303.305.4507
 Fax: 720.941.4347

WINDSOR, CONNECTICUT
 1220 Kennedy Rd. Ste. 2
 Windsor, CT 06095
 Tel: 860.688.1780
 Fax: 860.688.1784

TAMPA, FLORIDA
 1801B Massaro Blvd.
 Tampa, FL 33619
 Tel: 813.626.4904
 Fax: 813.626.6912

ORLANDO, FLORIDA
 3655 Old Winter Garden Rd.
 Orlando, FL 32805
 Tel: 407.299.2275
 Fax: 407.298.5038

PALM BEACH, FLORIDA
 1751 Avenue L
 Riviera Beach, FL 33404
 Tel: 561.863.5600
 Fax: 561.845.6120

MIAMI, FLORIDA
 10810 NW 92nd Terrace Ste. 108
 Medley, FL 33178
 Tel: 305.477.2383
 Fax: 305.805.4923

JACKSONVILLE, FLORIDA
 11310 Distribution Ave. W
 Jacksonville, FL 32256
 Tel: 904.260.4705
 Fax: 904.260.4644

ATLANTA, GEORGIA
 2157 Tucker Industrial Rd.
 Tucker, GA 30084
 Tel: 770.414.1212
 Fax: 770.414.1883

HONOLULU, HAWAII
 2825 Koapaka St., Unit B-2
 Honolulu, HI 96819
 Tel: 808.833.1844
 Fax: 808.839.7400

CHICAGO, ILLINOIS
 5144 W 73rd St.
 Bedford Park, IL 60638
 Tel: 708.728.9793
 FAX: 708.728.9826

INDIANAPOLIS, INDIANA
 8615 E 33rd St.
 Indianapolis, IN 46226
 Tel: 317.898.4879
 Fax: 317.898.4868



Virtual Reality Reveals the Speed of Fire and the Power of Fire Sprinklers

Exposure to home fires puts responders at risk from fire, collapse and health hazards. Each new home built without home fire sprinklers makes the community less safe for all.

With HFSC's new virtual reality video you can help decision makers, stakeholders and others in your community understand what you know all too well: today's home fires are fast and deadly.

With user-controlled 360-degree full-room views, they'll experience actual house fires in virtual reality, feeling as if they are in the rooms. They'll see flashover in the unsprinklered room in

real time and watch a sprinkler automatically control the blaze in another.

This new resource lets you share your knowledge with convincing evidence of the need to protect new housing stock with sprinklers. It can be watched with 3D glasses/headset for an immersive experience or in 2D on HFSC's website.

Installed home fire sprinklers support Community Risk Reduction. Our new virtual reality video is an effective resource to help you achieve your CRR goals.

Visit HomeFireSprinkler.org/VR.



Scan this QR code with your smartphone to learn more.



COLUMBIA, MARYLAND
 9325 Snowden River Pkwy #C
 Columbia, MD 21046
 Tel: 410.290.8020
 Fax: 410.290.8019

BROCKTON, MASSACHUSETTS
 1123 Pearl St.
 Brockton, MA 02301
 Tel: 508.894.0130
 Fax: 508.894.0139

QUINCY, MASSACHUSETTS
 210 Ricciuti Dr.
 Quincy, MA 02169
 Tel: 617.472.4575
 Fax: 617.472.1612

ST. LOUIS, MISSOURI
 13551 NW Industrial Dr.
 Bridgeton, MO 63044
 Tel: 314.291.5055
 Fax: 314.291.5084

SALEM, NEW HAMPSHIRE
 50 Northwestern Dr.
 Salem, NH 03079
 Tel: 603.685.3200
 Fax: 603.685.3206

LYNDHURST, NEW JERSEY
 700 Schuyler Ave.
 Lyndhurst, NJ 07071
 Tel: 201.939.1100
 Fax: 201.939.6095

WESTVILLE, NEW JERSEY
 1050 Broadway
 Westville, NJ 08093
 Tel: 856.742.9000
 Fax: 856.742.1761

ALBANY, NEW YORK
 75 Cohoes Ave.
 Green Island, NY 12183
 Tel: 518.270.2159
 Fax: 518.270.8384

GARDEN CITY, NEW YORK
 586 Commercial Ave.
 Garden City, NY 11530
 Tel: 516.222.8008
 Fax: 516.222.9234

BRONX, NEW YORK
 1536 Southern Blvd. Ste. 1
 Bronx, NY 10460
 Tel: 929.358.7610
 Fax: 904.339.9338

BROOKLYN, NEW YORK
 729 Hicks St.
 Brooklyn, NY 11231
 Tel: 718.669.7600
 Fax: 718.669.7601

MASPETH, NEW YORK
 58-58 56th St.
 Maspeth, NY 11378
 Tel: 718.456.7877
 Fax: 718.456.7852

CHARLOTTE, NORTH CAROLINA
 75 Odell School Rd. S
 Concord, NC 28027
 Tel: 704.784.4700
 Fax: 704.789.9288

CLEVELAND, NORTH CAROLINA
 10230 Statesville Blvd.
 Cleveland, NC 27013
 Tel: 704.278.1000
 Fax: 704.278.4312

RALEIGH, NORTH CAROLINA
 5000 Jones Sausage Rd.
 Garner, NC 27529
 Tel: 984.272.3330

LAS VEGAS, NEVADA
 4035 W Oquendo Rd.
 Las Vegas, NV 89118
 Tel: 702.382.0331
 Fax: 702.382.0671

CINCINNATI, OHIO
 4325 Mulhauser Rd. Ste. 6
 Fairfield, OH 45014
 Tel: 513.642.7005
 Fax: 513.860.1245

OKLAHOMA CITY, OKLAHOMA
 4624 SW 23rd St.
 Oklahoma City, OK 73128
 Tel: 405.506.6206
 Fax: 405.900.4367

PORTLAND, OREGON
 12670 SW Leveton Dr.
 Tualatin, OR 97062
 Tel: 503.404.2650
 Fax: 503.691.6001

PROVIDENCE, RHODE ISLAND
 225 York Ave.
 Pawtucket, RI 02905
 Tel: 401.490.9670
 Fax: 401.490.6272

MEMPHIS, TENNESSEE
 3634 Cherry Rd.
 Memphis, TN 38118
 Tel: 901.745.3106
 Fax: 901.370.6920

NASHVILLE, TENNESSEE
 413 Woodycrest Ave.
 Nashville, TN 37210
 Tel: 615.932.5656
 Fax: 615.736.2760

AUSTIN, TEXAS
 1925 Picadilly Dr.
 Round Rock, TX 78664
 Tel: 737.273.7400
 Fax: 737.273.7567

DALLAS, TEXAS
 9010 Sterling St.
 Irving, TX 75063
 Tel: 972.830.9370
 Fax: 972.871.1365

HOUSTON, TEXAS
 606 West Rd.
 Houston, TX 77038
 Tel: 713.937.4568
 Fax: 713.937.0493

SAN ANTONIO, TEXAS
 6215 Krempen Ave.
 San Antonio, TX 78233
 Tel: 210.247.4940
 Fax: 210.637.6682

SALT LAKE CITY, UTAH
 275 W 2855 S
 Salt Lake City, UT 84115
 Tel: 385.419.3950
 Fax: 801.467.4099

SPRINGFIELD, VIRGINIA
 8080 Alban Rd. Unit D
 Springfield, VA 22150
 Tel: 703.270.4595
 Fax: 703.440.5042

SEATTLE, WASHINGTON
 3002 Lind Ave. SW
 Renton, WA 98057
 Tel: 253-518-2560
 Fax: 425.251.0362





Croker Division

Fire-End and Croker Corporation
7 Westchester Plaza
Elmsford, New York 10523
Tel: 914.592.3640
Toll-Free: 800.729.3473
Email: info@croker.com
www.croker.com

Founded:
1911

Primary Products/Services:
Fire Protection Equipment

Market Area:
Domestic/International

Hours of Operation:
M-F 8:30 a.m.-4:30 p.m.

Management:
Marc Caramucci, General Manager

Company Profile:

For over a century, Croker has manufactured and supplied the highest quality Fire Hose and Standpipe Equipment available in the industry. Croker continues to be an industry leader in quality products as well as dependable service. Our Croker catalog provides building owners, architects, engineers, distributors, and contractors with a clear and comprehensive specification and purchasing reference guide.

Decoshield Systems, Inc.

3050 SW 14th Place #3
Boynton Beach, Florida 33426
Tel: 800.873.0894
Email: info@decoshield.com
www.decoshield.com

Primary Products/Services:
Decorative covering and pipe hangers for fire sprinkler systems.

Management:
Linda Camm, President
Sales Contact: Justin Penney
Email: justin@decoshield.com

DEWALT

701 E Joppa Rd,
Towson, MD 21286
Tel: 800-433-9258

<https://www.dewalt.com/total-trade-solutions/browse-trade/fire-sprinkler-installation-solutions>

Primary Products/Services:

Power Tools, Hand Tools, Anchors & Fasteners, Construction Technology Software, Asset Management, Anchors and Fastening

Market Area:

Global, DEWALT Industrial Tool Co.

Sales Contact:

Jon Howland, Director of Marketing
Email: jon.howland@dewalt.com

Company Profile:

DEWALT, a Stanley Black & Decker brand, is obsessed with how users work in the real world and is relentlessly pursuing total jobsite and landscaping solutions. By incorporating its latest technology and industry innovations, DEWALT is leading the charge for the jobsite of the future and pioneering the next generation of outdoor equipment. DEWALT products. GUARANTEED TOUGH®.

For more information, visit www.dewalt.com or follow DEWALT on Facebook, Twitter, Instagram, and LinkedIn.

Driven Fire Consultants

910 N. Sycamore Ave.
Sioux Falls, SD 57110
Tel: 605.444.9290
Email: info@drivenfire.com
www.drivenfire.com

Date Founded:
2015

Products/Services:

Driven Fire Consultants is a design and consulting firm specializing in fire sprinkler systems.

Management:

Darin Syverson and Jared Van Gammeren

Sales Contact:

Jared Van Gammeren (jaredv@drivenfire.com, 605.444.3762)

Company Profile:

Driven Fire Consultants is a design and consulting firm specializing in fire sprinkler systems. We work with construction managers, contractors, architects, engineers, and building

owners to create code compliant and cost-effective fire protection systems for all types of buildings. Let us help you better understand your fire protection needs, solve your fire sprinkler problems, and save you time and money along the way.

DUYAR

Osmangazi Mahallesi 2653
Sokak No: 7/1 34522 Esenyurt
Istanbul, TURKEY
Phone: +90 212.668.1808
Phone: +1 904 237 0657
Email: sales@duyar.com
www.duyar.com

Date Founded:
1965

Products/Services:

Fire Protection Valves, Sprinkler Heads, and Flow Switches

Management:

Huseyin Gumrukcu

Sales Contact:

Randy Lane

Company Profile:

Manufacturer (Fire Protection Products)



Dyne Fire Protection Labs

2357 Ventura Drive Suite 108
Woodbury, MN 55125
Tel: 800-632-2304 or 651-917-0644
Email: lab@dyneusa.com
www.dyneusa.com

Founded:
1999

Products/Services:

Firefighting Foam, Antifreeze, Sprinklers, and Dry Chemical testing as well as Total PFAS Analysis via TOF

Management:

Grant Lobdell, President

Sales Contact:

Jennie Novak, Marketing Manager
Email: jennie@dyneusa.com

Company Profile:

Partnering to protect lives and property. Dyne is an ISO 9001-certified and ISO/IEC 17025 accredited (automatic field sprinklers) independent compliance testing laboratory serving customers throughout the world. Specializing in testing fire sprinklers, firefighting foam, dry chemical agents, and sprinkler system antifreeze solutions, Dyne partners with end-users and/or their designated representatives to help them meet the periodic lab testing requirements found in the various inspection, testing, and maintenance (ITM) standards such as NFPA 25 and IMO 1432. Dyne offers a 5-business day turnaround, unmatched customer service, and free sample kits with postage-paid shipping within the contiguous United States for most types of testing. Dyne also provides direct communication with laboratory staff, reports that are available by mail, email, and online, as well as a free reminder service, a monthly newsletter with technical articles, and informative webinars.



EDCOS, Inc.

1505 Venture Dr
Weslaco, Texas 78599
Tel: 956.565.5660
Email: yvonne.gomez@edcos.com
www.edcos.com

Founded:

2004

Primary Products/Services:

Grooved Fittings, Pipe Valves, Fittings, Hangers, Foam, Bladder Tanks, other.

Market Area:

New Mexico, Texas, Louisiana, Mexico, Central and South America, Caribbean

Hours of Operation:

8 a.m.-5 p.m. M-F

Management:

Elvia Valdez
Yvonne Gomez

Sales Contact:

Hayed Sanchez - International / Domestic Sales
Jose M. Rodriguez - International / Domestic Sales
Email: sales@edcos.com

Company Profile:

We distribute and supply UL & FM, CE, VdA, other, listed approved fire protection equipment;

Pipe, Valves, fittings, Grooved, Welded, Flanged, Mechanical Joint Fittings, Hangers, Butterfly Valves, Wafer Valves, Fire Hydrants, Post Indicators, Nozzles, Fire Hose, Angle Valves. From underground materials to all above ground. We also provide foam concentrate, bladder tanks, ILBP foam pump skids, grooving tools. FM200, CO2, Novec1230. We also cover mechanical contractors.

Give us an opportunity. Se Habla Español.

Elkhart Brass (a Safe Fleet brand)

1302 W Beardsley Ave.,
Elkhart, IN. 46514
Tel: 574.295.8330
Email: info@safefleet.net
www.elkhartbrass.com

Date Founded:

1902

Products / Services:

Fire Fighting Equipment: Monitors, Valves, Handline Nozzles, Appliances, Industrial Systems, Foam Eductors, Mining and Construction

Sales Contact:

Steve Falke
Email: steve.falke@safefleet.net



Engineered Corrosion Solutions

Complete Corrosion Control.

Engineered Corrosion Solutions

11336 Lackland Road
St. Louis MO 63146
Phone: 314-432-1377
Email: sales@ecscorrosion.com
www.ecscorrosion.com

Date Founded:

2003

Products/Services:

nitrogen generators, automatic air vents, corrosion monitoring devices, corrosion assessment services, corrosion training services

Management:

Adam Hilton – CEO/President

Sales Contact:

Andrew Loeffelman, VP Sales

Company Profile:

We are innovators at the intersection of corrosion and fire protection. As an organization, we have over 100 years of experience working in the fire protection industry, and we are an ISO 9001

certified company. ECS sells direct to the fire sprinkler contractor which allows us to provide industry-best lead times and customer service.



Fayette Pipe

2282 University Drive
Lemont Furnace, PA 15456
Phone: 724.438.7600
Email sales@fayettepipe.com
www.fayettepipe.com

Date Founded:

2018

Products/Services:

USA-made ASTM A53 Grade A Schedule 10 and Schedule 40 ERW Black Steel Pipe (UL Listed and FM Approved) with MIC Defense Corrosion Inhibitor, Pipe Nipples, Threading

Management:

Chris Gearing, Vice President

Sales Contact:

Chris Gearing, cgearing@specialtyconduit.com

Company Profile

Fayette Pipe, a division of Specialty Conduit & Mfg., is a family- and veteran-owned company. Its black steel pipes and nipples are found in fire sprinkler, HVAC, and other low-pressure plumbing applications. Fayette offers on-time delivery anywhere in the continental U.S. and is backed by a one-year limited warranty.



Ferguson Fire & Fabrication

Corporate Headquarters
800 South 4th Avenue
Mansfield, Texas 76063
Tel: 817.276.7060
www.ferguson.com/fire

Founded:

1989

Primary Products/Services:

Fire Sprinkler Material, Special Hazards, Engineered Products and Fabrication.

Market Area:

Continental United States plus Alaska

Hours of Operation:

7:00 a.m. - 4:30 p.m. Mon.-Fri.

Management:

George DiMatteo

V.P. – Ferguson Fire & Fabrication

Company Profile

Ferguson Fire & Fabrication supplies the highest quality fire protection equipment to our customers nationwide. With locations across the nation and industry leading associates, we have the reach to supply the most demanding fire protection jobs in the country. Many of our locations have fabrication capabilities and are ISO Certified, making us the largest ISO Certified fabricator in the country. We offer our customers world-class customer service and unmatched industry expertise. Our associates enthusiastically use their experience to make sure each warehouse location operates in the best interest of the customer and the needs of that local market. From core fire protection products and fabrication to engineered fire protection products, we offer customers access to one of the most comprehensive inventories in the industry. Our supply chain, digital capabilities and vendor partnerships allow us to provide customers with a forward-thinking competitive advantage. Ferguson Fire & Fabrication is a complete source for all fire protection needs.



FireDos US

9000 Hempstead Rd Ste 280,

Houston, TX 77008

Tel: 281.721.4542

Email: info@firedos.com

www.firedos.com

Date Founded:

1979

Products/Services:

Foam Proportioners, Fire Monitors

Sales Contact

joerg.fahrenheit@firedos.de

joe.stonecipher@firedos.com

Company Profile:

Manufacturer of FM-approved foam proportioners and monitors. Environmentally conscious foam proportioners prove their proportioning rate without generating foam. Proportioning is accurate for virtually all viscosities of concen-

trates, with widest flow rate ranges. FM approvals are independent of concentrate used. Fully automatic (with IR sensing) and remote-operated monitors available with flows over 15,000gpm.

Fire University

9 Florence Avenue

Building B

Penns Grove, NJ 08069

Tel: 609.221.0618

Email: training@fireuniversity.org

www.fireuniversity.org

Founded:

2021

Products/Services:

Hands-on fire sprinkler training, fire pump training and backflow training

Management:

Guy Cooper

Company Profile:

Fire University, a nationally recognized training school, offers technical education and practical training for individuals in the fire sprinkler, fire pump, fire alarm and plumbing industries. Located in Penns Grove, New Jersey, Fire University offers a state-of-the-art educational facility with capabilities to train in both a classroom and wet lab setting. Fire University's focus of training is on fire suppression systems, fire alarms and backflow preventers. Fire University is a Registered Apprenticeship Sponsor and is also an ASSE Approved Provider; offering multiple certifications.

The Flow Company

Email:

franz.h@theflowcompanyusa.com

www.theflowcompanyusa.com

FormLink Systems

P.O. Box 23585

Hilton Head Island, SC 29925-3585

Tel: 317.735.3345

Email: sales@formlinksystems.com

www.formlinksystems.com

Company Profile:

FormLink's easy to use inspection software saves you time and money. With form packages for NFPA-25, NFPA-72, fire extinguishers, and more, you can deliver professional reports in minutes, directly to your customers. We also

have the ability to create custom forms to satisfy any specific requirements outside of the standard forms or you can create your own with our custom form builder. Get great software and exceptional customer service, all with no hassle. Make the choice that will change how you do business by partnering with FormLink Systems!

Fox Sprinkler Supply Corporation

951 Estes Court

Schaumburg, Illinois 60193

Tel: 847.524.8250

www.foxsprinkler.com

Founded:

2000

Primary Products/Services:

Distribution/Fabrication

Market Area:

Illinois, Indiana, Iowa, Kentucky, Wisconsin

Hours of Operation:

Mon 5:30 a.m.-5:00 p.m.

Tue-Wed 4:30 a.m.-5:00 p.m.

Th-Fri 5:30 a.m.-5:00 p.m.

Management:

Danielle Sandfox, President

Dan Rossol Operation Mgr.

Sales Contact:

Shannon Davis

Company Profile:

Fox Sprinkler Supply Corp. is a fire sprinkler supply company with people dedicated to bringing the utmost in service to our customers. Employees with exceptional knowledge and over 20 years in experience in the fire sprinkler industry.



Gast Manufacturing,

a Unit of IDEX Corporation

2300 M-139 Hwy

Benton Harbor, MI 49022

Tel: Dry Sprinkler Team Main 269.934.1298

Email: nskoda@idexcorp.com

www.gastmfg.com

Date Founded:

1921

Primary Products/Services:

Gast designs and manufactures air compressors for Dry and Pre-Action sprinkler systems. Gast also provides training on air compressors for the sprinkler industry.

Hours of Operation:

Monday through Friday 8:00 AM to 5:00 PM EST

Management:

Nick Skoda, Technical Support Supervisor/
Targeted Growth Technical Specialist

Company Profile:

Since 1921, Gast Manufacturing, Inc. has been a leader in the design and manufacturing of quality air-moving products. We specialize in offering cost effective solutions for a wide variety of industries including Fire & Safety, Industrial manufacturing, Healthcare, and Environmental applications. Gast's wide array of pneumatic products include compressors, vacuum pumps, air motors, vacuum generators and regenerative blowers - all tailored to meet the many challenging applications of OEMs and end users worldwide.



General Air Products, Inc.

118 Summit Drive
Exton, Pennsylvania 19341
Tel: 610.524.8950
Toll Free: 800.345.8207
www.generalairproducts.com

Founded:

1936

Primary Products/Services:

Air compressors / Nitrogen generators / 13D Pump and Tank Systems / Air Maintenance Devices

Market Area:

Worldwide

Hours of Operation:

8:00 a.m. - 5:00 p.m. EST Mon.-Fri.

Management:

Raymond M. Fremont Jr., President
David Fremont, Sales Director
Dave English, Director of Business Development
Jim Doherty, Marketing Director

Sales Contact:

David Fremont

Company Profile:

General Air Products, Inc. has been a leader in the fire protection industry for over 50 years. Manufacturing a complete line of dry pipe system filling equipment—including air compressors,

nitrogen generators, and dry air generators—has uniquely positioned us as the authority for complete dry sprinkler system filling solutions. We also offer a line of single family 13D pump and tank systems. Our quality products come guaranteed with unparalleled customer service both before and after the sale. Visit us at www.generalairproducts.com or give us a call at 800-345-8207 for details, drawings, and more!

Guardian Fire Equipment

3430 NW 38th Street
Miami, Florida 33142
Toll-Free: 800.327.6584
www.guardianfire.com

Primary Products/Services:

Fire Standpipe Equipment

Market Area:

Worldwide

Management:

Lisa C. Peterson, President

Harrington, Inc.
LDH System Specialists



Harrington, Inc.

2630 West 21st Street
Erie, Pennsylvania 16506
Tel: 814.838.3957
Toll Free: 800.553.0078
Email: paulc@harrinc.com
www.hydrantstorz.com

Founded:

1988

Primary Products/Services:

Hydrant Storz adapter assemblies, Water supply connections, gate valves, Storz, threaded, and flange adapters, gated wyes

Market Area:

Worldwide

Hours of Operation:

8:00 a.m.-5:00 p.m. M-F

Management:

Dave Harrington, President
Email: daveh@harrinc.com

Sales Contact:

Paul Carpenter, VP of Sales
Email: paulc@harrinc.com

Company Profile:

Harrington, Inc. is a manufacturer of Hydrant Storz assemblies, intake valves, gate valves,

adapters-threaded, adapters-Storz, and adapters-flange, suction hose, wyes, Siamese, Storz couplings and adapters. Send inquiries to: info@harrinc.com



The Hose Monster Company

1330 Ensell Rd
Lake Zurich, IL 60047
Tel: 847.434.0101
Toll Free: 888.202.9987
www.hosemonster.com

Founded:

1996

Primary Products/Services:

Fire pump and flow test equipment

Market Area:

Global

Hours of Operation:

Mon.-Thurs. 8:00 a.m.-5:00 p.m. CST, Fri. 8:00 a.m.-4:00 p.m. CST

Sales Contact:

Michael Anderson, Sales Manager

Company Profile:

The Hose Monster Company is dedicated to providing equipment, software and procedural solutions that make the jobs of maintaining water-based fire protection systems and water distribution systems more accurate, more efficient and more reliable. All our products are designed to give accurate information about the water supply that is available to fight a fire at any given moment.

HRS Systems, Inc.

208 Southside Square
Petersburg, Tennessee 37144
Tel: 931.659.9760
www.hrssystem.com

Primary Products/Services:

Fire Protection Engineering Software

Company Profile:

HRS Systems' suite of hydraulic analysis solutions has been leading the fire protection industry in accuracy, reliability, and simplicity for over 45 years. HASS tools allow for faster designs, unmatched calculation accuracy, significant cost reduction, and easy-to-understand report prep for any water-based or CO2 suppression system.

Being family-owned and operated since 1976, our top priority is to welcome our customers into the HRS family by providing the highest level of service and support. HRS Systems is an original pioneer in hydraulic analysis technology, and we're still working to push the envelope today. Discover more at www.hrssystem.com
HASS – Hydraulic Analysis of Sprinkler Systems
HASS House – Residential Sprinkler Analysis
COOSA – CO2 System Analysis

Hydra-Tap

P.O. Box 1153
Sandy, OR 97055
Tel: 503.482.8999
Email: customerservice@hydra-tap.com
www.hydra-tap.com

Date Founded:

2021

Products/Services:

Manufacture and distribute specialized tools and flow testing equipment for the fire protection industry.

Management:

J.R. Bradfield

Sales Contact:

(503) 482-8999

Company Profile:

Our goal is to bring next generation ideas and products to market which revolutionize how certain services are conducted in our industry.

Hydratec, Inc.

64 Haverhill Road
Windham, New Hampshire 03087
Tel: 603.434.0502
Email: al@hydracad.com
www.hydratecinc.com

Founded:

1972

Primary Products/Services:

Fire Protection Design Software and Service using Revit or AutoCAD

Market Area:

Worldwide

Hours of Operation:

9:00 a.m. - 5:00 p.m. Mon.-Fri.

Management:

Alan Johnston, President

Sales Contact:

Art Dove, CAD Development Manager
Email: sales@hydracad.com

Company Profile:

Hydratec has been providing quality software and design services for over 50 years. Our complete line of software products, along with accessible and knowledgeable customer service, gives the Hydratec customer of any size or experience level an edge in design efficiency. Our software packages include HydraCAD for system design, HydraLIST for fabrication reports, HydraCALC for pipe sizing and providing NFPA compliant system calculations, and HydraCALC-Sizer for pipe size estimating. The HydraCAD software is used as an add-on to Revit, to provide 3D BIM with true Revit design/integration, and/or AutoCAD. The software offerings can be used separately or as integrated packages to provide comprehensive and automated calculations and/or stocklisting.

IESO

Calz. Manuel Gómez Morín 488.
Col. Ex-Ejido Coahuila.
Mexicali, Baja California.
México.
C.P. 21360
Tel: +52 686.568.9383
<http://ieso.com.mx>



Inspect Point

24 4th Street
Troy, New York 12180
Tel: 888.287.1471
www.inspectpoint.com

Date Founded:

2014

Primary Products/Services:

An SaaS for fire protection.

Market Area:

North America

Hours of Operation:

8:00 am – 5:00 pm

Management:

Sales Contact:
sales@inspectpoint.com

Primary Products/Services:

Fire Protection Software

Company Profile:

Inspect Point is a platform designed from the ground up for Fire & Life Safety Contractors. Our tools help companies manage their inspections, proposals, and dispatching seamlessly through a web portal and mobile App.

Featuring the most extensive library of built-in NFPA forms and a customer base made up of exclusively fire protection professionals, Inspect Point is the most trusted name in fire inspection software.

Inspection Reports Online (IROL)

PO Box 277
Big Rock, IL 60511
Tel: 331.454.7800
Email: info@irol-llc.net
www.InspectionReportsOnline.net

ITW Commercial Construction/ Buildex-SAMMY

700 High Grove Blvd.
Glendale Heights, Illinois 60139
Tel: 630.694.4675
www.itwbuildex.com

Founded:

1967

Primary Products/Services:

Pipe Hangers

Market Area:

National

Hours of Operation:

8:00 a.m. – 5:00 p.m. Mon.-Fri.

Management:

J. Schneider, Nat'l Mktg Mgr.
Ben Nolen, Product Mktg Mgr.
Sales Contact: Bryant Hope, Nat'l Sales Mgr.

Company Profile:

ITW Commercial Construction is a division of Illinois Tool Works, has been a leading manufacturer of fastener systems for the construction industry. Our mission is to provide value-added, innovative product solutions to help contractors and architects build high quality buildings. SAMMYS® suspended anchoring systems have been providing vertical and horizontal overhead structural attachment solutions for decades. They are manufactured to meet the design challenges of modern structures and are aesthetically compatible with green design principles seeking to provide borrowed lighting and space framing benefits. All Sammys are made here in the USA, using the Teks® and

Tapcon® technology preferred by US contractors for years. Sammys are best known in the fire sprinkler industry, but are adaptable for use in plumbing, electrical and HVAC applications.

JG Innovations, Inc.

P.O. Box 8128
Janesville, Wisconsin 53547-8128
Tel: 608.314.8710
Toll-Free: 888.933.2248 (888.We.Fab.It)
Email: sales@jgius.com
www.jgius.com

Founded:
2009

Primary Products/Services:

Soffi-Steel® System
JGI Interlock™ Concealment Systems
ALumA-Fit™ Concealment System

Market Area:

Nationwide

Hours of Operation:

8:00 a.m.-5:00 p.m. M-F

Sales Contact:

Allen Stowers, President
Tel: 608.314.8710
Email: sales@jgius.com

Company Profile:

JG Innovations, Inc. offers the Soffi-Steel® and Interlock™ concealment systems for the purpose of concealing Fire Sprinkler Systems, Piping, Plumbing, HVAC, Finned Tube, Ductwork and Cable. The Soffi-Steel® and Interlock™ Concealment Systems are made in the USA, produced from A60/G90 domestic galvanized steel and carry industry approvals and certifications in the US and Canada such as FM Approval and UL/ULC Listings. While our custom fabricated enclosure systems are unsurpassed in retrofit applications, the flexible design makes it equally impressive for new construction projects. Utilize the Soffi-Steel® and Interlock™ Concealment Systems for applications in: • Universities • College Dormitories • Student Housing • PK-12 Schools • Nursing Homes • Assisted Living Communities • Affordable Housing • High-Rises/Condominiums • VA Hospitals and Clinics • Psychiatric Facilities • Detention Centers • Jails and Prisons • Residential Properties • Commercial Buildings



Simply.
More.
Safety.

JOB GmbH

Kurt-Fischer-Str. 30
22926 Ahrensburg
Germany
Tel: +49-4102-2114-21
Mobile: +49-175-2628895
Email: Teschner@job-bulbs.com
www.job-bulbs.com

Founded:

JOB Group founded 1971.
50 Years of Innovation and Customer Service



Johnson Controls, Fire Suppression

1400 Pennbrook Pkwy
Lansdale, Pennsylvania 19446
Tel: 215.362.0700
www.Tyco-fire.com
www.SprinkCAD.com,
www.Ansul.com
www.OnlineTechXchange.com

Founded:
1850

Primary Products/Services:

Water & chemical-based fire suppression product, fire grooved piping products, sprinkler system design software, training services.

Market Area:

Global

Hours of Operation:

8:00 a.m.-6:30 p.m. EST, M-F

Management:

Chris Eichmann, V.P. & G.M.

Sales Contact:

Michael Mottice, Director of Global Sales, Water & Mechanical
Tel: 800.558.5236
Fax: 800.877.1295

Company Profile:

Johnson Controls fire suppression solutions deliver an unmatched range of suppression systems, extinguishing agents, fire sprinklers and valves, design software, piping products, fittings, and fire-fighting equipment. We leverage our global scale and deep expertise to drive innovation, advance safety and solve the unique challenges of customers around the world. Our arsenal of brands includes some of the most trusted names in the industry, such as TYCO, RAPID RESPONSE, GRINNELL, SPRINKCAD, ANSUL, and CHEMGUARD.



Kennedy Valve

1021 E. Water Street
Elmira, NY 14901
Tel: 607.378.1429
Email: barry.obrien@kennedyvalve.com
www.kennedyvalve.com

Founded:
1877

Primary Products/Services:

UL-FM Gate Valves, Grooved Check Valves, Grooved Gate Valves, Grooved BFVs, Wafer BFVs, Wafer Check Valves, Indicator Posts, Fire Hydrants

Hours of Operation:

M-F 7:30 a.m.-5:00 p.m. EST

Management:

Nate Pizzini, GM
Barry O'Brien, Nat'l Sales Mgr., Fire
Ken Brown, Fire Protection Market Mgr.

Sales Contact:

Barry O'Brien
Email: barry.obrien@kennedyvalve.com

Company Profile:

Kennedy Valve is both an iron foundry and machining center for valves and hydrants located in Elmira, New York. We make 24" and down UL listed and FM approved gate valves, butterfly valves, check valves, indicator posts, as well as fire hydrants. Additionally, we offer the industry's only factory installed OS&Y tamper switch, the KVOS2. See also cadlibrary.kennedyvalve.com.



Lubrizol – BlazeMaster® & freezemaster™
9911 Brecksville Road
Brecksville, Ohio 44141
Tel: 216.447.5330
Email: blazemaster@lubrizol.com
www.BlazeMaster.com

Founded:
1984

Primary Products/Services:
BlazeMaster® Fire Protection Systems and
freezemaster™ Antifreeze

Management:
Lainey Liotta, Global Fire Protection
Market Manager

Connect with us at:
<http://www.lubrizol.com/cpvc>

Company Profile:
Lubrizol has delivered science, service, and safety to the fire sprinkler industry for over 40 years. Best known for its BlazeMaster® Fire Protection Systems, the most specified nonmetallic fire sprinkler piping system in the world, Lubrizol also manufactures UL-listed freezemaster™ antifreeze, which offers systems superior protection from freezing temperatures and corrosion.



The Metraflex Company
2323 West Hubbard Street
Chicago, Illinois 60612-1403
Tel: 312.738.3800
Email: jeremyw@metraflex.com
www.metrafire.com

Founded:
1958

Primary Products/Services:
FireLoop, Seismic Breakaway Hanger

Market Area:
International

Hours of Operation:
8:30 a.m. - 5:00 p.m. CST Mon.-Fri.

Sales Contact:
Jeremy Wright, Product Manager
Email: jeremyw@metraflex.com

Company Profile:
Metraflex has been supplying piping specialty products since 1958. With the introduction of the UL listed FireLoop seismic expansion joint, Metraflex has brought its expertise in seismic expansion joints to the fire sprinkler industry. The introduction and rapid acceptance of the FireLoop for fire sprinkler systems, plus its compliance with NFPA 13 guidelines, has made it the seismic expansion joint of choice.

Milwaukee Tool
13135 W Lisbon Rd.
Brookfield, WI 53005-2550
www.milwaukeeetool.com

National Foam, Inc
350 East Union St.
West Chester, PA 19382
Tel: 800-334-3156
Email: customer.service@nationalfoam.com
www.nationalfoam.com

Date Founded:
1819

Products/Services:
Fluorine free foam concentrates, mobile and fixed foam hardware (systems), design/engineering service of foam systems, management and engineering of fixed foam system conversion process—legacy foam to fluorine free foam, Firefighting training.

Management:
Mr. Bobby Nelson, General Manager
Mr. Philip Novac Vice President of Sales

Sales Contact:
Mr. Philip Novac
Email: philip.novac@nationalfoam.com

Sales Contact:
Mr. Bobby Nelson
(bobby.nelson@nationalfoam.com)

Company Profile:
National Foam is the recognized leader in fluorine free firefighting foam concentrates with expertise in design and engineering of fixed

foam hardware systems. Capabilities include converting fixed foam system to Fluorine free foam systems. Universal Green, Muni Green Plus and Muni Green are U.L. listed and GreenScreen certified fluorine free foam concentrates. We provide on-site or off site custom designed municipal and industrial firefighting training with legacy and fluorine free foam techniques and strategy. For more information stop by our booth or visit www.nationalfoam.com.



The Noble Company
7300 Enterprise Drive
Spring Lake, Michigan 49456
Tel: 800.878.5788
www.noblecompany.com

Founded:
1946

Hours of Operation:
8 a.m.-5 p.m. EST M-F

Management:
Dave Wormmeester, President
George Rudolph, National Sales Manager -
Engineered Fluids

Sales Contact:
George Rudolph
Tel: 800.878.5788
Email: sales@noblecompany.com

Company Profile:
Founded in 1946, Noble Company manufactures premium-quality, innovative products for the Tile, Plumbing, Heating and Cooling, and Fire Sprinkler industries. Our Engineered Fluids Division manufactures, among other products, FireFighter® Eliminator 1330™, a U.L.- Listed antifreeze for wet fire sprinkler systems. Noble Company is an American-based company, manufacturing products in Michigan and Louisiana. Our products are designed and manufactured to exceed applicable industry standards and are engineered for reliability.

nVent CADDY

31700 Solon Road Solon, Ohio 44139
Tel: 440.248.0100
www.nVent.com

Founded:
1903

Primary Products/Services:

nVent CADDY is recognized as a leading provider of innovative solutions; delivering technical superiority, ease-of-use, and lowest total installed cost. Solutions & Services include: Seismic Bracing Products and Engineered Services, hangers and supports for the Fire Protection, Mechanical, Plumbing and HVAC/R industries.

Market Area:
Global

Hours of Operation:
8 AM to 5 PM

Management:

Mark P. Fallico Jr., Director of Sales – USA
Electrical / Mechanical / Fire / Seismic
1.813.439.9709 Mobile
Mark.Fallico@nVent.com

Sales Contact:

Jim Dodson 516-302-7259 Mobile,
James.Dodson@nVent.com

Company Profile:

nVent has industry-leading positions in industrial, commercial, residential, energy and infrastructure.

Our mission is to “Connect and Protect” our customers with inventive solutions, create safer systems and ensure a more secure world.

The name nVent reflects the legacy of innovation across our portfolio of brands that will serve as the foundation for the new company.

nVent employs approximately 9,000 people globally, with the main U.S. offices in Minneapolis, Minnesota.

Hours of Operation:

7:00 a.m. - 6:00 p.m. Mon.-Fri.

Management:

William Casey, President
Craig Pastore, Sales & Service
Cate Griffing, Inside Sales
Sales Contact: William Casey

Company Profile:

PAC Pump & Systems, Inc. is a distribution and service company whose dedicated team of engineers, sales personnel, customer service representatives, project managers, machinist, mechanics and administrative personnel offers years of experience in supplying rotating equipment and services. We ensure our staff is prepared to meet the requirements of each and every customer by investing in education, training and state-of-the-art technology. Our customers benefit from our unparalleled problem-solving strategies that have developed through our many years of experience.



PACE Supply Corp.

6000 State Farm Dr. Ste 200
Rohnert Park, California 94928
Tel: 877.934.3473
Email: rlynch@pacesupply.com
www.pacesupply.com/Divisions/FireProtection

Founded:
1994

Primary Products/Services:

Plumbing, Fire Protection & Fabrication, Pipe, Valves & Fittings, Pipe Supports, International, Plumbing Finish, Water Treatment, Wastewater, Waterworks, Residential and Commercial Hydronics, and Water Heater Solutions

Market Areas:

Northern California & Hawaii

Hours of Operation:

M-F 6:30 a.m.-5:00 p.m.

Management:

Fire Protection Manager: Robert Lynch—Sales
Contact: Fire Sales
Email: firesales@pacesupply.com

Company Profile:

PACE is a locally & employee-owned wholesale supply company serving California and Hawaii with 20 wholesaler locations. PACE provides

supplies to contractors and retailers. Our employee owners are proudly setting the PACE for supply and service!



Perimeter Solutions/Solberg

1520 Brookfield Ave
Green Bay, Wisconsin 54313-8808
Tel: 920.593.9445
Email:
craig.mcdonnell@perimeter-solutions.com
www.solbergfoam.com

Founded:
1967

Primary Products/Services:

Foam Concentrates, Foam Systems Hardware

Market Area:
Global

Hours of Operation:
M-F 7:30 a.m. - 4:30 p.m. CST

Management:

Jeff Emery – President Fire Suppression
Craig McDonnell – VP/GM Americas Suppressant
Todd Wayshville, Sales Director – Americas and West Coast Sales Manager
Pat Dixon – East Coast Region Sales Manager
Christian Groff – LATAM & Caribbean Sales Manager
Jim Scott – Midwest Region Sales Manager
Manny Tavares – Gulf Region Sales Manager
Todd Wayshville – Sales Director - Americas
Email: Todd.Wayshville@perimeter-solutions.com

Company Profile:

Perimeter Solutions is a global leader in fluorine-free Class B firefighting foam concentrate technology and can help end-users transition away from persistent technologies such as PFAS and cyclic siloxane based foam concentrates. The SOLBERG® RE-HEALING™ BRAND was the first fluorine free foam concentrate with a full complement of hardware both Underwriters Laboratory (UL) and Factory Mutual (FM) approved on the market, and we are continuing our leadership in innovation and technology development with new products introduced regularly.

Today, our fluorine-free line includes foams concentrates for hydrocarbon fuels, alcohol-resistant concentrates for polar solvent fuel fires, training foam, specialty foam, and a complete

PAC Pump & Systems, Inc.

106 Hobart St.
Hackensack, New Jersey 07601
Tel: 201.621.0500
www.pacpump.com

Founded:
2003

Primary Products/Services:

Fire pumps and controllers—sales and service.

Market Area:
New Jersey

line of Class A foam concentrates. Our fluorine-free foam concentrates do not contain any intentionally added PFAS substances, including PFOS, PFOA, or persistent chemicals, such as cyclic siloxanes.

Perimeter Solutions is a leading fixed firefighting foam systems integrator with a broad foam technology portfolio and a growing range of fixed and mobile equipment options – along with the requisite listings and certifications that meet your applications needs.

PHD Manufacturing, Inc.

44018 Columbiana-Waterford Road
Columbiana, OH 44408
Phone: (800) 321-2736
www.phd-mfg.com

Founded:
1972

Primary Products/Services:

PHD is a leading full line domestic manufacture of U/L, FM, MSS approved products for the Fire Protection, Mechanical, Industrial, Plumbing, and Electrical industries including: pipe hangers, beam clamps, CPVC straps, Seismic bracing, riser clamps, clevis hangers, two bolt clamps, threaded accessories, brackets, Strut Channel, and all accessories.

Market Area:

U.S., Global

Hours of Operation:

8:00 a.m.-5:00 p.m., Mon.-Fri.

Company Profile:

PHD is the last private, family-owned full line pipe hanger, Strut, and accessories manufacture left in the USA. After recent expansions PHD has over 200,000 Sq. ft. facility and approximately 28 consigned stocking warehouse locations to facilitate our service.

To find solutions to fit your need. Call 1-800-321-2736 or send an e-mail to customerservice@phd-mfg.com today!

Plumbers Supply Company

4420 Bishop Lane
Louisville, Ky. 40218
Tel: 800.626.5133
www.plumbers-supply-co.com

Founded:
1921

Primary Products/Service:

Fire Protection, Plumbing, Hydronics, HVAC

Market Area:

Kentucky, Tennessee, Indiana, Western West Virginia

Hours of Operation:

Mon.-Fri. 7:00 a.m.-5:00 p.m.

Management:

Brian Roberts, Outside Sales for Indianapolis area, Fire Protection Sales Manager, All locations
Tel: 317.783.2981
Cell: 317.557.1559
Email: Brian.Roberts@plumbers-supply-co.com

Inside Sales: Indianapolis, Indiana

Inside Sales Manager:
Jason Davis
Tel: 317.472.8921
Cell: 317.450.6764
Email:
Jason.Davis@plumbers-supply-co.com
Richard Hamilton
Tel: 317.472.8928
Email:
Richard.Hamilton@plumbers-supply-co.com
Ken Albers
Email: Ken.Albers@plumbers-supply-co.com

Inside Sales: Louisville, Kentucky

Inside Sales Manager:
Mike Newton
Tel: 502.540.0332
Cell: 502.817.2079
Email: Mike.Newton@plumbers-supply-co.com
Beau Jones
Tel: 502.540.0332
Email: Beau.Jones@plumbers-supply-co.com

Inside Sales: Lexington, Kentucky

Ronnie Wilson
Tel: 859.255.0700
Cell: 859.621.5278
Email: Ron.Wilson@plumbers-supply-co.com

Inside Sales: Evansville, Indiana

Brent Mabrey
Tel: 812.425.3115
Cell: 812.305.3203
Email: Brent.Mabrey@plumbers-supply-co.com

Fire Protection Outside Sales, KY, TN, So. IN, WV

John Jutz
Tel: 502.540.0272
Cell: 502.376.0639
Email: John.Jutz@plumber-supply-co.com

Company Profile:

Started in 1921 as Plumbing and Mill Supply house, Plumbers Supply now has branches and mini branches at over ten locations. We have always been a fire protection supply house for steel pipe and fittings, and established a dedicated fire sprinkler sales division in the late 1980's.

Polymer Molding, Inc.

1655 West 20th Street
Erie, Pennsylvania 16502
Toll-Free: 800.344.7584
www.polymermolding.com

Founded:

1978

Primary Products/Services:

Product Protection

Market Area:

Worldwide

Hours of Operation:

8:00 a.m. – 5:00 p.m. Mon.-Fri.

Management:

Paul Sutter—Director of Sales



Potter Electric Signal Company

13723 Riverport Drive
St. Louis, Missouri 63043
Toll-Free: 314.595.6900
Email: orders@pottersignal.com
www.pottersignal.com

Founded:

1898

Primary Products/Services:

Flow, Pressure, Tamper Switches, Corrosion Mitigation

Market Area:

Worldwide

Hours of Operation:

8:00 a.m. - 5:00 p.m. CST Mon.-Fri.

Sales Contact:

Tim Freiner, Vice President –
North American Sales
Email: sales@pottersignal.com

Company Profile:

Established in 1898, Potter Electric Signal Company produces a wide array of products including fire sprinkler monitoring systems, nitrogen generators, corrosion monitoring/testing, electronic fire systems, vault and safe security systems and boiler/chiller and industrial control products. At Potter, not only do we supply our customers with products that provide real world solutions for their unique needs, we strive to provide them unequaled service and technical support. Every employee at Potter is committed

to provide the very best product and service available for the protection of life and property. Potter is THE Symbol of Protection.



Potter Roemer

PO Box 3527
 City of Industry, California 91744
 Tel: 626.855.4899
www.potterroemer.com

Founded:
 1937

Primary Products/Services:
 Fire Protection Equipment

Market Area:
 Worldwide

Management:
 Randall Morris, President – Sales

Company Profile:

Potter Roemer has been the leading supplier of architectural and mechanical products to the fire protection industry. From six regional shipping facilities, Potter Roemer has the inventory in stock and available for your project.

REGIONAL WAREHOUSES:

POTTER ROEMER – DALLAS
 1500 Precision Drive, Suite 120
 Plano, TX 75074
 Tel: 866.644.3473

POTTER ROEMER – MIAMI
 8306 NW 14th Street
 Miami, FL 33126
 Tel: 786.845.0842
 Toll-Free: 833.744.3473

POTTER ROEMER – ATLANTA
 4110 Tench Road, Suite J
 Suwanee, GA 30024
 Tel: 770.904.3350

POTTER ROEMER – NEW YORK AREA
 1480 Ridgeway Street
 Union, NJ 07083
 Tel: 908.964.5775
 Toll-Free: 800.526.4592

POTTER ROEMER – CHICAGO
 1350 N Michael Drive
 Wood Dale, IL 601091
 Tel: 630.766.4545

Quick Response Fire Supply, LLC

11091 Air Park Road
 Ashland, Virginia 23005
 Tel: 703.975.8183
www.qrfs.com



Reliable Automatic Sprinkler Co., Inc.

103 Fairview Park Drive
 Elmsford, New York 10523
 Toll-Free: 800.431.1588
 Email: info@reliablesprinkler.com
www.reliablesprinkler.com

Founded:
 1920

Primary Products/Services:
 Sprinklers, Valves, Special Hazards/Systems, System Components, and Fabrication

Market Area:
 Worldwide

Management:
 Kevin T. Fee – President and Chairman of the Board

John McNamara – Sr. Vice President-Chief Operating Officer

F.J. Fee IV – Sr. Vice President, Marketing, Bus. Dev. & IT

Kevin T. Fee, Jr. - Sr. Vice President, Corporate Sales

Adam Robotham – V.P., International Sales and Operations

Rex Schwendiman – Sr. Vice President, System Components/Fabrication

Steve Wolin – Sr. Vice President, Technical Services, New Product Technology, and Compliance

Todd Bresnahan – Vice President Sales, Canada, Latin America, and National Accounts

Tom P. Field – Vice President of Sales

Company Profile:

Reliable Automatic Sprinkler Co., Inc. is a manufacturer and distributor of fire protection equipment. Reliable manufactures high-quality and innovative fire sprinklers, spray nozzles, valves, and special systems. Reliable also distributes a full line of best-in-class system components. All

Reliable products are backed with premier customer service and technical support. Reliable's corporate headquarters is in Elmsford, NY with manufacturing headquarters in Liberty, SC. Regional sales and distribution centers are located throughout the US and worldwide.

CORPORATE OFFICE:

103 Fairview Park Drive
 Elmsford, NY 10523
 Tel: 864.843.1700
 Website: www.reliablesprinkler.com

MANUFACTURING FACILITY:

1470 Smith Grove Road
 Liberty, SC 29657
 Tel: 864.843.1700

SYSTEM COMPONENTS HQ

1701 Valley View Lane, Suite 100
 Farmers Branch, TX 75234
 United States
 866.304.2365 Tel
 469.627.8983 Fax

DOMESTIC DISTRIBUTION:

ATLANTA, GA (NORCROSS, GA)
 800.652.1819 Tel
 800.848.6052 Fax

BOSTON, MA (WALPOLE, MA)
 800.431.1588 Tel
 800.848.6051 Fax

CHICAGO, IL (BLOOMINGDALE, IL)
 800.228.6274 Tel
 800.848.6053 Fax
 Columbus, OH
 800.228.6274 Tel
 800.848.6053 Fax

DALLAS, TX
 800.442.6742 Tel
 800.848.6054 Fax

DENVER, CO
 877.440.2598 Tel
 877.205.7230 Fax

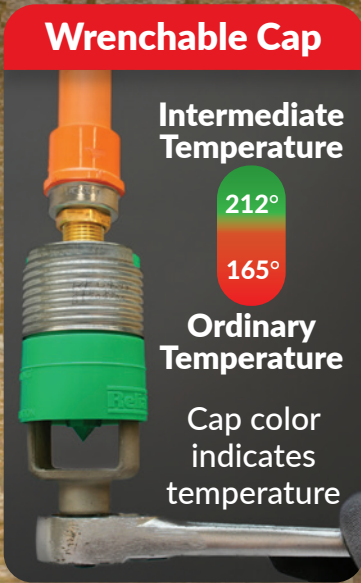
HOUSTON, TX
 866.978.9965 Tel
 866.978.9979 Fax

LOS ANGELES, CA (BREA, CA)
 800.352.4365 Tel
 800.848.6055 Fax

MIAMI, FL (MIRAMAR, FL)
 954.437.2520 Tel
 954.437.2289 Fax

INSTALLER

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877.827.3043 Fax

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800.431.1588 Tel
800.848.6051 Fax

ORLANDO, FL (LONGWOOD, FL)
800.801.3097 Tel
800.862.0934 Fax

RICHMOND, VA
866.927.7775 Tel
866.927.7776 Fax

SAN ANTONIO, TX (SCHERTZ, TX)
866.927.9939 Tel
844.383.0015 Fax

SEATTLE, WA (KENT, WA)
877.327.2563 Tel
877.327.2574 Fax

WASHINGTON, DC (CAPITAL HEIGHTS, MD)
877.883.8831 Tel
877.851.1553 Fax

WORLDWIDE DISTRIBUTION:

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+61 8 8162 9359 Fax

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800.790.6443 Tel
800.790.6486 Fax

CANADA, WESTERN (BRITISH COLUMBIA)
604.542.1864 Tel
604.542.1894 Fax

CHINA (SHANGHAI)
+86 21 5403 7021 Tel
+86 21 5403 7022 Fax

GERMANY (HAMBURG)
+49 40 5589 81871 Tel
+49 40 5589 81873 Fax

MEXICO AND LATIN AMERICA
800.442.6742 Tel
800.848.6054 Fax

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+48 (0) 32 66 18 285

SINGAPORE
+65 6635 8100 Tel
+65 6734 3176 Fax

UNITED ARAB EMIRATES (DUBAI)
+ 971 4 5474519 Tel

UNITED KINGDOM (LONDON)
+44 13 4231 6800 Tel

FABRICATION FACILITIES:

DENVER, CO
877.440.2598 Tel
877.205.7230 Fax

GRAND PRAIRIE, TX
972.352.6400 Tel
972.352.6402 Fax

PORTLAND, OR
877.523.3178 Tel
877.418.2498 Fax

Quick Response Fire Supply

11091 Air Park Rd.
Ashland, VA 23005-3429
Tel: 888.361.6662
www.qrfs.com



Response Fire Supply

31091 West Central Avenue
Santa Ana, California 92704
Tel: 714.754.7100
www.responsefiresupply.com

Founded:
2013

Products/Services:
Fire Protection Supplies & Fabrication

Market Area:
California, Nevada, Arizona

Management:
Devin Doyle
devin@responsefiresupply.com

RJB Wholesale, Inc.

12418 NE 124th Street
Kirkland, Washington 98034
Tel: 206.707.3385



Rotaflow Fire & Utility

6707, 59 Steet NW, Edmonton, Alberta, Canada
Phone: (+1) (780) 233 8644
Email: enquiries@rotaflow.ca
www.rotaflow.ca

Products/Services:

Fire water deluge skids, foam system skids, design, supply, installation, servicing, and inspections of fire alarm and fire protection systems.

Date Founded:
1995

Management:
ashami@rotaflow.ca

Sales Contact:
enquiries@rotaflow.ca

Company Profile:

Rotaflow is a Canadian Commercial and Industrial Fire Systems Contractor with offices in Edmonton, Calgary and Fort McMurray. We offer engineering design, supply, fabrication, installation, inspection, verification and service for fire detection and suppression systems, including standard NFPA13 wet systems, dry systems, pre-action systems, Clean Agent Systems (NFPA2001) – NOVEC1230 Systems, Water Mist Systems, Water Spray Systems (NFPA15), Fire Pump Installations (NFPA20), and Fire Hydrants. Customers and market influencers see us as subject matter experts in executing Fire Protection projects from design through install, verification and maintenance. Our team of over 120 engineers, designers, and trades work collaboratively to design, build, retrofit, repair, operate, and maintain systems, protecting life and assets and enabling companies to focus on their core business. Large enough to deliver a full scope project and small enough to offer a 1-0-1 experience.

RP Equipment

502 Center St
PO Box 69
Maple Park, IL 60151
Tel: 630.272.7268
Email: sales@rpequipment.net
www.rpequipment.net

Products/Services:

Representative for Specialty Fire Protection Products including Patterson Fire Pumps, Manufacturer of Legend 13D Pump Systems

Date Founded:

August 2021

Management:

Benjamin Rogers
Sara Schroeder

Sales Contact:

Benjamin Rogers
Sara Schroeder
Adam Schroeder

Company Profile:

Our mission is to provide insight on high quality fire protection products for life safety.



Safe Signal

13723 Riverport Drive
St. Louis, MO 63043
Tel: 844.597.8655
Email: orders@safesignalsprinkler.com
www.safesignalsprinkler.com

Date Founded:

2021

Products/Services:

Flow Switches, Pressure Switches, Supervisory Switches, Explosion Proof Devices

Management:

Andy L. Kaempfer – Product Line Leader

Sales Contact:

Chuck Kitts – Director of Business Development

Company Profile -

At Safe Signal, we are committed to providing dependable electro-mechanical devices for fire sprinkler systems that are ready to serve when needed. We want to bring the industry an essential product that maintains the highest

levels of life safety through exceptional quality, while providing our customers value through great service and technical support.

ServiceTrade

5003 S Miami Blvd.
Durham, NC 27703
Tel: 919-246-9900
Email: hello@servicetrade.com
www.servicetrade.com

Date Founded:

2012

Products/Services:

Fire protection business and inspection management software

Management:

Billy Marshall, Chief Executive Officer
Brian Smithwick, Chief Technology Officer
Jack Coffelt, Director of Fire and Life Safety Partnerships

Sales Contact:

Tim Spink, VP of Sales
sales@servicetrade.com

Company Profile

ServiceTrade is customer service and inspection management software for fire protection contractors. ServiceTrade makes it easy to impress customers with post-inspection reports, online quotes, and an online portal to share inspection history. We help you improve deficiency efficiency to create more repair and project revenue and invoice customers faster.



Snap Drill AS

Koppholen 9, 4313
Sandnes, Norway
Tel: +47 950 58 125
Email: martin@snapdrill.no
www.snapdrill.no

Founded:

2016 (When the idea first came about)

Products/Services:

Hand-held automatic hole cutting machine for pipes.

Management:

Martin Talgø – CEO

Tor Ole Talgø – Founder and inventor
Sales Contact: Martin Talgø

Company Profile:

Forget what you know about pipe hole-cutting and field fabrication.

Snapdrill is the only hand-held and automatic pipe hole cutting tool. It lets you combine the productivity and precision of prefab with the flexibility of field-fab – without the known risks. Holes are always clean and in center of the pipe. There is no need for pushing or fighting the drill – Snapdrill is self-feeding and secured to the pipe. Our customers have been able to install up to 250 Mechanical Ts in just one shift, with one tool. That comes in handy when lead times for fabrication are long, and you are short on labor.

South-Tek Systems, LLC

3700 U.S. Highway 421 North
Wilmington, N.C. 28401
Phone: 888.526.6284

Founded:

1997

Primary Products/Services:

Nitrogen Generators / Corrosion Inhibiting Solutions

Market Area:

Worldwide

Management:

Jake Lehmann – Product Manager / Fire Protection Team Lead

Company Profile:

South-Tek Systems is the leading manufacturer of corrosion inhibiting solutions for dry, pre-action, and wet fire sprinkler systems, including N2Blast® and DeOx™ Technology.

Spears Manufacturing Company

15853 Olden Street
Sylmar, California 91392
Tel: 818.364.1611
www.spearsmfg.com

SPP Pumps

2905 Pacific Dr.
Norcross, Georgia 30071
Tel: 770.409.3280
Email: sales@spppumps.com

Founded:

1875

Primary Products/Services:

fire pumps and fire pump systems

Market Area:

Global

Hours of Operation:

8:00 a.m.-5:00 p.m. M-F EST

Management:

John Kahren, President
Chris Dilday, Director of Sales, Fire Division
John Kahren/ Chris Dilday, Marketing Services

Sales Contact:

Chris Dilday
Tel: 678-896-9168
email: Chris_Dilday@spppumps.com

Company Profile:

SPP Pumps has been working with consultants, contractors, installers and end-users for more than a century to achieve the most cost effective fire system pumping solutions. Since SPP Fire was formed in 1875, it has built a reputation for quality and value that has made it unquestionably the leading supplier of Approved Fire Protection Pumping Packages throughout the world. SPP Pumps has six facilities worldwide that offer the same attention to quality and value that has made SPP Pumps a market leader for over 100 years.



TLX Fire & Security

N27 W23727 Paul Rd #200
Pewaukee, Wisconsin 53072
Tel: 262.970.8660
www.tlxfire.com

Founded:

1996

Primary Products/Services:

Actuators, solenoids, and valves

Market Area:

Fire Suppression

Sales Contact:

Jason Busalacchi

Company Profile:

TLX Fire & Security is a pioneer in the design and production of actuation solutions and integrated technologies for the global fire suppression market. Our patented Supervised Pilot-Operated Solenoid Valve is designed for pre-action and deluge systems, features integrated supervision, and complies with NFPA 13: Sec. 8.3.1.2.1.



Talco Fire Systems

6040 NE 117th Ave.
Portland, Oregon 97220-1012
Tel: 503.668.1231
Fax: 503.688.1234
Email: ks@talcofire.com
www.talcofire.com

Founded:

1981

Primary Products/Services:

Residential and commercial packaged fire pump systems

Market Area:

U.S. & Canada

Hours of Operations:

M-F 8:00 a.m.-5:00 p.m. PST

Sales Contact:

James Yost, Director of Sales & Marketing
Email: jyost@talcofire.com

Company Profile:

Talco Fire Systems has been building premium quality fire pump systems for over 30 years. Specializing in both residential and commercial packaged fire pump systems, we design & custom build packaged units to fit any application. Our packaged systems will save you time, money, and headaches. We pull it all together, you drop it in place. Whether you need our Home Hydrant® Residential Fire Pump and Tank for your home or ADU, or a 5000 GPM diesel driven fire system for a multi-warehouse complex – Talco has you covered.

Tarsco Bolted Tank

5897 State Hwy 59
Goodman, MO 64843
Phone: 866.700.2500
Email: tarscoboltedsales@tfwarren.com
www.tfwarren.com/companies/tarsco-bolted-tank

Founded:

2015

Products/Services:

Provider of liquid bolted tank storage systems for fire water/fire protection.

Management:

Todd Smith

Sales Contact:

Chris Cote

Company Profile:

Tarsco Bolted Tank provides engineering, manufacturing, and construction of customized, above-ground bolted storage tank systems. We provide epoxy-coated bolted steel tanks that offer outstanding performance, reliability and ease of installation.

Eaton's TOLCO™ & B-Line Series Products

509 West Monroe
Highland, Illinois 62249
Tel: 800.851.7415
FAX: 800.356.1438
Email: blineseismiceng@eaton.com
www.Eaton.com/TOLCO

Founded:

1967

Primary Products/Services:

Seismic bracing, pipe hangers, strut systems, cable ladder/tray for MEP and Fire Protection, Engineering services and resources, and TOLBrace™ Software

Market Area:

Worldwide

Company Profile:

Eaton's TOLCO time-saving seismic bracing products and engineering solutions, along with B-Line series support systems, provide the fire protection market with a one-stop, reliable solution from pre-bid to final inspection. To learn more, visit Eaton.com/Tolco.



Trident Fire & Fabrication, LLC

140 Grand Street
Carlstadt, NJ 07072
Tel: 201.402.9400
Email: sales@tridentfireandfab.com
www.tridentfireandfab.com

Founded:

October 2021

Products/Services:

Complete Fire Protection Fabrication and Material Sales

Sales Contact:

Peter Braid

Company Profile:

At Trident Fire & Fabrication, we base our success on customer satisfaction. Our goal is to provide precision Pipe Fabrication utilizing the latest technologies guaranteeing superior quality, reliability, and a worry-free product. Our mission is to supply our customers with on time deliveries and cost-effective pricing while maintaining the highest quality standards and workmanship achievable.

Sales Contact:

Michael Virata 361. 350.2400

Company Profile:

In 2021 NAFFCO Group entered into agreement with the Beeville Development Authority (BDA) under its 50 year lease as a manufacturing facility at the Chase Field Industrial and Airport Complex just outside of Beeville, Texas Its manufacturing facility occupies over 1.5mn sq ft of space.

TRIGA FIRE SOLUTIONS, LLC is the First NAFFCO manufacturing facility in the U. S.

TRIGA success is driven by our "Passion to Protect". At TRIGA when we say we have a "Passion to Protect", it's more than just a slogan, it's a way of life for the NAFFCO Group Keeping you safe and your property protected is our Business.

With over 1.5mn sq ft of manufacturing space, TRIGA facility incorporates steel pipe mills, HDPE pipe extruders, extinguishers filling machines, CNC, welding, and hydraulic shearing and bending machines; TRIGA has a comprehensive machine shop that can meet the needs of any production requirement.

Underwood Fire Equipment

48216 Frank Street
Wixom, Michigan 48393
Tel: 248.347.4975
Email: info@underwoodfire.com
www.underwoodfire.com

Date Founded:

January 1994

Products/Services:

Fire pumps, fire pump parts, controllers, valves, custom fabricated fittings, fire pump training

Management:

Damon Pietraz (President)

Sales Contact:

Damon Pietraz

Company Profile:

Fire pump experts! For over 30 years, Underwood Fire has served as a leader in the fire pump industry. Through innovative designs, experience, and a network of suppliers, we can meet each individual project's needs worldwide.



United Brass Works, Inc.

714 South Main Street
Randleman, North Carolina 27317
Tel: 800.334.3035
Fax: 800.498.4696
Email: jim.sattler@ubw.com
www.ubw.com

Founded:

1910

Primary Products/Services:

bronze valves / custom cast and machined products

Market Area:

Worldwide

Hours of Operation:

8:00 a.m. - 5:00 p.m. Mon.-Fri.

Management:

Mike Berkelhammer, President

Sales Contact:

Jim Sattler, Sales Manager
Email: sales@ubw.com

Company Profile:

United Brass Works, Inc manufactures a wide range of bronze and ductile iron valves for fire sprinkler applications.



Triga Fire Solutions

340 Taxiway Bravo
Beeville, TX 78102
Phone: 407.913.2713
Email: m.elayyan@naffcousa.com
www.trigafiresolutions.com/

Date Founded:

June 09, 2021

Products/Services:

NAFFCO Fire Pumps, Sprinkler heads, Valves, Steel Pipes, Grooved fittings, Extinguishers, Fire Hoses, and HDPE pipes and fittings, and Hydrants.

Management:

Mohammad Elayyan – General Manager



UNITED Fire Systems

1 Mark Rd. Kenilworth, NJ 07033
Tel: 908.688.0300
Email: jkleber@ufpco.com
www.unitedfiresystems.com

Products/Services:

Manufacturer of specialized sprinkler equipment

Management:

Jonathan Kleber, jkleber@ufpco.com,
908. 688.0300 x295

Sales Contact:

jsingh@ufpco.com

Company Profile

UNITED Fire Systems provides innovative and effective solutions for many fire protection needs. We offer packaged preaction, dry-pipe, and deluge fire sprinkler systems, nitrogen-based pipe corrosion inhibiting systems, dry standpipe supervisory systems, and a range of sprinkler accessories. Our combined knowledge and understanding of fire system service and installation, pipe corrosion, and nitrogen production sets us apart from others whose expertise is limited to fewer spheres. Our offerings give users, contractors, and specifiers more options and more value than anyone else. We have the only FM Approved packaged preaction sprinkler system with integrated nitrogen corrosion inhibiting from the same manufacturer. Trust UNITED Fire Systems for accurate specs, great value, top-grade quality, and unmatched customer support.

United Property Restoration Services

70 Industrial Park Access Rd.
Middlefield, CT 06455-1263
Tel: 203.464.4171
www.unitedprs.com

Uponor Inc.

5925 148th Street West
Apple Valley, Minnesota 55124-8197
Tel: 800.321.4739
Email: justin.churchill@uponor.com
www.uponor.com

Founded:

1620

Primary Products/Services:

Residential Fire Sprinkler Systems

Market Area:

North America

Management:

Tim Botten, Portfolio Manager
Company Profile: Uponor AquaSAFE™ fire sprinkler systems are PEX-based solutions listed to UL 1821 that provide flexible options for NFPA 13D applications, including multipurpose, stand-alone and exposed applications. Uponor provides exceptional support, including design services with NICET IV certified drawings as well as training for installers and education for AHJs to get your projects completed efficiently and effectively.



Victaulic Company

4901 Kesslersville Road
Easton, Pennsylvania 18040
Toll-Free: 800.PICK.VIC
www.victaulic.com

Founded:

1925

Market Area:

Global

Management:

Scott Howser, V.P., Market Dev.

Company Profile:

As the world's leading producer of grooved mechanical pipe-joining systems, Victaulic works collaboratively with customers and affiliates worldwide to deliver innovative solutions across our core business areas. Our products and services put people to work faster while increasing safety, ensuring reliability and maximizing efficiency and sustainability. Visit www.victaulic.com and follow us on LinkedIn, Facebook, Twitter and YouTube.

Viega, LLC

585 Interlocken Blvd
Broomfield, CO 80021-3486
Tel: 585-314-0055
www.viega.us/en/homepage.html



Viking Group, Inc.

5150 Beltway Dr. SE
Caledonia, MI 49316
Telephone: 269.945-9501
Toll Free: 800.968.9501
www.vikinggroupinc.com

Primary Products/Services:

- Fire Sprinklers and Systems
- Fire Protection Valves
- CPVC Pipe and Fittings
- Fabrication Services
- Grooved Piping System

- Steel Pipe
- Threaded Fittings
- Hangers & Fasteners
- Electrical Products
- Foam Systems
- FDC Equipment
- Backflow Prevention
- Tools & Accessories

Market Area:

Worldwide

Hours of Operation:

24/7/365

Management:

James Golinveaux, President and CEO,
Viking Group, Inc.

Jeremy Morton, COO, Viking Group, Inc.

Martin Workman, Vice President – Product Management

Joe Bardowski, Vice President – Operations,
Viking SupplyNet

Mike Bosma, President-Viking SupplyNet &
Viking Fabrication

Adam Owens, Vice President-Strategic Partnerships, Viking Group, Inc.

Jim Lake, Vice President-Training

Sales Contact:

Ben Johnson, Vice President-Sales

Company Profile:

Together, the companies of Viking Group, Inc. (Viking Corporation, Viking SupplyNet, Viking Fabrication Services, and Viking Plastics) provide integrated solutions for any fire protection challenge. With a comprehensive range of products and services, Viking provides much more than fire protection hardware. We help streamline the work of our customers. We help improve their quality of service. We help them grow their business.

The experience of our employees, our commitment to advancing fire protection technology, and our high-quality, worry-free products and services all make Viking the single-source supplier for thousands of customers worldwide.

BRANCH OFFICES

UNITED STATES OF AMERICA

Viking Group, Inc.
5150 Beltway SE
Caledonia, Michigan 49316
Telephone: 800.968.9501
info@vikingcorp.com
techsvcs@vikingcorp.com

The Viking Corporation
210 N. Industrial Park Drive
Hastings Michigan 49058

VIKING SUPPLYNET LOCATIONS
NORTHEAST REGION

Viking SupplyNet (New York Metro)
 Telephone: 973.541.2580
 Email: newyorkmetro@supplynet.com,
 vfsnewyorkmetro@supplynet.com

Viking SupplyNet (New York City)
 Telephone: 973.541.2320
 Email: nyc@supplynet.com

Viking SupplyNet (Boston)
 Telephone: 508.594.1800
 Email: boston@supplynet.com

Viking SupplyNet (Philadelphia)
 Telephone: 610.279.3762
 Email: philadelphia@supplynet.com

Viking SupplyNet (Baltimore)
 Telephone: 301.490.5514
 Email: baltimore@supplynet.com

Viking SupplyNet (Richmond)
 Telephone: 804.228.1107
 Email: east@supplynet.com,
 vfsrichmond@supplynet.com

Viking SupplyNet (FairFax)
 Telephone: (571) 30 7-6600
 Email: fairFax@supplynet.com

SOUTHEAST REGION

Viking SupplyNet (Atlanta)
 Telephone: (770) 446-3068
 Email: atlanta@supplynet.com,
 vfsatlanta@supplynet.com

Viking SupplyNet (Ft. Lauderdale)
 Telephone: (954) 791-1756
 Email: southfl@supplynet.com

Viking SupplyNet (Orlando)
 Telephone: (407) 656-7600
 Email: orlando@supplynet.com

Viking SupplyNet (Memphis)
 Telephone: (901) 360-9401
 Email: memphis@supplynet.com

Viking SupplyNet (Nashville)
 Telephone: (615) 255-8393
 Email: nashville@supplynet.com,
 vfnashville@supplynet.com

Viking SupplyNet (Charlotte)
 Telephone: (704) 588-8880
 Email: charlotte@supplynet.com

Viking SupplyNet (Mobile)
 Telephone: (251) 699-1410
 Email: mobile@supplynet.com

North Central Region
 Viking SupplyNet (Detroit)
 Telephone: (586) 754-0004
 Email: detroit@supplynet.com

Viking SupplyNet (Chicago)
 Telephone: (630) 462-5860
 Email: chicagocsr@supplynet.com,
 chicago@vikingfabrication.com

Viking SupplyNet (Minneapolis)
 Telephone: (651) 455-0325
 Email: stpaul@supplynet.com

Viking SupplyNet (Columbus)
 Telephone: (614) 527-5800
 Email: midwest@supplynet.com,
 vfscolumbus@supplynet.com

SOUTH CENTRAL REGION

Viking SupplyNet (Austin)
 Telephone: (512) 888-9850
 Email: austin@supplynet.com,
 vfsaustin@supplynet.com

Viking SupplyNet (Houston)
 Telephone: (713) 896-8464
 Email: houstonvsn@vikingcorp.com,
 vfshouston@supplynet.com

Viking SupplyNet (Dallas)
 Telephone: (972) 466-0933
 Email: dallas@supplynet.com,
 vfsdallas@supplynet.com

Viking SupplyNet (San Antonio)
 Telephone: (877) 684-5464
 Email: sanantonio@supplynet.com

Viking SupplyNet (Kansas City)
 Telephone: (816) 474-8991
 Email: kansascity@supplynet.com,
 vfskansascity@supplynet.com

WEST REGION

Viking SupplyNet (Phoenix)
 Telephone: (602) 252-0400
 Email: phoenix@supplynet.com,
 vfsphoenix@supplynet.com

Viking SupplyNet (Seattle)
 Telephone: (253) 872-8444
 Email: kent@supplynet.com

Viking SupplyNet (Denver)
 Telephone: (303) 576-0665
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 vfsdenver@supplynet.com

Viking SupplyNet (Los Angeles)
 Telephone: (562) 903-7274
 Email: santafesprings@supplynet.com

Viking SupplyNet (San Francisco)
 Telephone: (510) 429-7295
 Email: hayward@supplynet.com,
 vfs Hayward@supplynet.com

Viking SupplyNet (Riverside)
 Telephone: (951) 656-3111
 Email: west@supplynet.com,
 vfsriverside@supplynet.com

Viking SupplyNet (Las Vegas)
 Telephone: (702) 795-8002
 Email: lasvegas@supplynet.com

CANADA

Viking SupplyNet (Alberta, Saskatchewan,
 Manitoba, N.W. Territories)
 Telephone: (866) 703-5681
 Email: calgary@supplynet.com

Viking SupplyNet (B.C. and Yukon)
 Telephone: (866) 600-3473
 Email: vancouver@supplynet.com

Viking SupplyNet (Ontario, Manitoba, New
 Brunswick, Nova Scotia, Prince Edward
 Island, Newfoundland)
 Telephone: (866) 670-3550
 Email: toronto@supplynet.com

SCS Canada (Quebec) – Independent
 Distribution Partner
 Telephone: (450) 430-7031
 Email: scs@polygon.ca

Mexico and Latin America
 Viking SupplyNet (Dallas)
 Telephone: (972) 466-0933
 Email: latinamerica@supplynet.com

Viking SupplyNet (Ft. Lauderdale)
 Telephone: (954) 791-2901
 Email: latinamerica@supplynet.com

Watts

815 Chestnut Street
 North Andover, Massachusetts 01845
 Tel: 978.688.1811
 Fax: 978.794.1848
www.watts.com

Company Profile:

Founded in 1874, Watts is a global leader of quality water solutions for residential, industrial, municipal, and commercial settings. Our family

of brands offers one of the most varied product lines in the world, with world-class, water-related solutions focused on:

- Drainage
- HVAC and Hot Water
- Plumbing & Flow Control
- Water Quality & Rainwater Harvesting

Wheatland Tube Company

1 Council Avenue
Wheatland, PA 16161
Toll Free: 800.257.8182
Email: info@wheatland.com
www.wheatland.com

Founded:
1877

Primary Products/Services:
Tubular steel products; Steel Sprinkler Pipe, Standard Pipe, Electrical Conduit, Fence Framework, & Mechanical Tubing

Market Area:
Nationwide

Hours of Operation:
7:00 a.m. - 6:00 p.m./5 days

Management:
Kevin Kelly, President
George Rabideau, Vice President of Sales
Email: george.rabideau@wheatland.com

Company Profile:

Wheatland Tube manufactures the industry's most complete line of steel sprinkler pipe & standard pipe in the USA. Our NEW Ultra-Z-Coat, Black UV Coating, has raised the bar for resistance to exterior corrosion and handling damage. Additionally, Wheatland is the only sprinkler pipe manufacturer in the country with in-house galvanizing capabilities. Our process ensures that every piece is compliant with the updated ASTM specifications for standard pipe & sprinkler pipe.



WinSupply, Inc.

3110 Kettering Blvd.
Dayton, OH 45439
Tel: 937.294.5331
Toll Free: 800.677.4380
www.winsupplyinc.com/

Sales Contact:

Bob Lopuzzo, V.P. Fire and Fabrication
Email: rdlopuzzo@windustrial.com

Company Profile:

As part of the national wholesale distribution company WinSupply Inc., local Winsupply fire fabrication and supply companies specialize in wholesale distribution of fire sprinkler industry products. From facilities throughout the country, the Winsupply family of fire companies provide fire sprinkler contractors with customized fire sprinkler system fabrication and a wide range of the fire sprinkler industry's most recognized and relied upon brands. With a sharp focus on personalized service, the Winsupply family of fire companies have the expertise to be knowledgeable about the products they sell as well as the technical requirements of their customers.

NEWBURGH WINDUSTRIAL
Newburgh, NY - 845.566.5300

ATLANTA WINSUPPLY
Lithonia, GA - 770.484.1112

DAYTON WINDUSTRIAL
Dayton, OH - 937.461.2603

ROCHESTER WINDUSTRIAL
Rochester, NY - 585.232.6770

PITTSBURGH WINSUPPLY
Pittsburgh, PA - 412.331.2182

LEHIGH VALLEY WINDUSTRIAL
Bethlehem, PA - 610.866.1751

CAPITOL HEIGHTS WINSUPPLY
Walker Mill, MD - 240.619.2472

NEWARK WINDUSTRIAL
Newark, NJ - 973.589.0479

NYC WINSUPPLY
NYC City, NY - 516.280.9384

NEW HAVEN WINDUSTRIAL
New Haven, CT - 203.248.0400

NORTHERN WINDUSTRIAL
Newington, CT - 860.953.9321

WEST COAST WINSUPPLY
Tampa, FL - 813.247.7202

LITTLEROCK WINWATER
Little Rock, AR - 501.455.5315

ALBUQUERQUE WINDUSTRIAL
Albuquerque, NM - 505.821.2400

WINSUPPLY OF DENVER
Denver, CO - 720.459.8776

TEMPE WINSUPPLY
Tempe, AZ - 410.219.6562

CRANSTON WINDUSTRIAL
Cranston, RI - 401.941.8370

BATON ROUGE WINDUSTRIAL
Baton Rouge, LA - 225.753.2940

MECHANICSBURG NOLAND
Mechanicsburg, PA - 717.796.1796

STAMFORD WINDUSTRIAL
Stamford, CT 203.363.2700

ZCL/Xerxes

7901 Xerxes Avenue South
Minneapolis, Minnesota 55431
Tel: 403.828.4147
www.zcl.com



Zurn Wilkins, A Zurn Water Solutions Company

1747 Commerce Way
Paso Robles, California 93446
Tel: 855.663.9876
Fax: 805.237.7197
www.zurn.com

Founded:
1906

Primary Products/Services:
Valves and backflow preventers for fire suppression systems

Market Area:

Worldwide

Hours of Operation:

5:15 a.m. - 5:00 p.m. PST Mon.-Fri.

Management:

Michael Hynes, General Manager
 David Krohn, Vice President, Marketing
 Will Allgood, Director of Sales, Fire Protection
 John Mankins, Product Manager, Water Safety & Control

Sales Contact:

Mike Mallas, National Sales Manager
 Tel: 206.794.2059
 Email: mike.mallas@zurn.com

Company Profile:

Zurn Wilkins, a Zurn Water Solutions Company, Offers fire protection system components, including backflow preventers, pressure reducing fire valves, pilot-operated control valves, shut-off & check valves, grooved fittings, and other fire protection equipment that work in tandem to protect against fire. Available in angle and inline patterns, threaded, flanged, and grooved connections covering 1½” – 12” sizes. Their fire protection products work together and always meet compliance, so you'll gain peace of mind, yet save some time. •

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Fayette Pipe

2282 University Drive
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CHAPTERS IN ACTION

Capital Region



The Capital Region Fire Sprinkler Association kicks off another year of the *Developed for the Inspector* Series training program with 60+ participants. This program has provided training opportunities to inspectors, fire marshals, contractors, designers, and engineers for more than a decade. This first program of the year covered Montgomery County Maryland High-rise retrofit program -Patsy Warnick, Montgomery County Fire Marshal's Office, Freeze Prevention with George McHugh AGF, General Air's new UL listed Pipe Vapor Shield with Dave English General Air Products, corrosion with Mark Hopkins Terp/Consulting and all things pressure reducing by Scott Monroe from Zurn Products, all hosted by CRFSA training coordinator Rich Kozel. Big thanks to the University of Maryland Fire Rescue Institute and the Maryland State Fire Marshal Brian Geraci for again partnering this fantastic program.

Florida

**Join us for Seas the Day
October 22-26, 2023
Wyndham - Clearwater Beach FL**

We are excited about our Seas the Day conference coming to beautiful Clearwater Beach Florida at the Wyndham Beach Resort. The week will start out with an all-new Fire Product Challenge on Sunday night. The Fire Product Challenge is a vendor's opportunity to meet and discuss their products with contractors. This one-night event is set up as a game for contractors, where



participants are required to visit every table, including some fun roadblocks along the way. Monday morning will kick off workshops with some of our industry greats on our agenda. All 32 CEUs will be available including your mandated CEUs. We are so excited about this year's lineup of speakers and will be sharing the agenda soon.

A beautiful location with great networking opportunities and classes delivered by the best in the industry.

Please make plans to join us for an ALL-NEW Fire Product Challenge followed by brand new workshops with the best speakers. Plan for Paradise with snow white beaches, breathtaking sunsets and fabulous restaurants. Seas the Day in Clearwater Beach October 22-26, 2023

Illinois



Chapter board recognized past chairman Ed Kadlec for his years of service to the Illinois Chapter. Pictured Vice Chair Matt Clegg, Ed Kadlec, and Chairman Alan Jacobs.

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Illinois State Coordinator James Brown presented Great Lakes Fire Protection a plaque for 55 years of membership.

Minnesota

Minnesota Chapter Reps Fire Sprinklers at Home and Garden Show

The Minnesota Chapter had a booth at the Minneapolis Home and Garden show. The booth was a hub of activity, with entire families trying out the VR goggles to experience a side-by-side fire comparison! It was a fun and engaging event with several thousand booth visitors and strong interest in residential installations!



(l-r) Local 417 Business Manager Trinidad Uribe, Melisa Rodriguez (JCI), Roy Kingsley (State Fire Marshal Division), Colleen Obos (Viking), Dale Lindh (Summit), Brent Stifter (Gilbert Mechanical), and John Swanson (NFSA Codes and Standards Specialist).



Trying out the VR goggles.



(l-r) Retired Fitter Joe Laumeyer, JCI's Jill and Brandon Vito and NFSA Regional Manager Tim Butler.

Tennessee Fire Sprinkler Contractors Association

TFSCA Meeting & Event Schedule for 2023

May 25, 2023 – 26th Annual Dean Cornwell Golf Classic

The 26th Annual Dean Cornwell Golf Classic will be on May 25, 2023, 9:00am Shot Gun Start! Twelve Stones Golf Club, 1201 Twelve Stones Crossing, Goodlettsville, TN 37072.

July 11, 2023 – Training & Meeting 3hrs by NFSA Labor & Legal Team

The July meeting of the TFSCA will meet at the Double Tree Suites Nashville Airport, 2424 Atrium Way, Nashville, TN. At the July meeting the TFSCA will provide a minimum 3.0 hours of training. After training, we will have a General Business/Chapter

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Meeting. Training will start at 9:00 am until 12:00 pm and then the General Business/Chapter Meeting starting at 12:15 pm CST.

September 19–22, 2023 Fall Fling

Fall Fling will be held in Gatlinburg, TN at the Hilton Garden Inn. More information will come soon.

October 10, 2023 – 6th Annual Carl Cutrell Jr.'s Big Bang Classic Skeet Shoot

The 6th Annual Carl Cutrell Jr.'s Big Bang Classic Skeet Shoot will be held at the Nashville Gun Club, 1100 County Hospital Rd, Nashville, TN 37218. Registration will start at 12:30pm. Shooting will start at 2:00pm. Dinner & Awards following the shoot.

October 17–19, 2023 – NFSA Board Meeting in Nashville

November 14, 2023 – Training & Meeting – 3hrs TBD

The November meeting of the TFSCA will meet at the Hampton Inn, 111 Saundersville Rd, Hendersonville, TN. At the November meeting the TFSCA will provide a minimum 3.0 hours of training. After training, we will have a General Business/Chapter Meeting. Training will start at 9:00am until 12:00pm and then the General Business/Chapter Meeting starting at 12:15pm CST.

December 7, 2023 – TFSCA Christmas Party

The TFSCA Membership will have its Christmas Dinner & Party Fellowship starting at 6:30pm at Connors Steak & Seafood, 1916 Galleria Blvd, Franklin, TN 37067. Bring a gift and join in on the fun gift exchange and fellowship.

Texas

NFSA Texas Shootout Fundraiser

The first NFSA Texas Shootout was hosted in Fort Worth, Texas to raise funding to support the efforts of the NFSA Texas Chapter. Specifically, funds raised will be used to provide fire sprinkler education, increase awareness, and to provide training scholarships to promote our great industry.

Over 150 Fire Protection Professionals took their shot at two different courses with 12 Skeet Stations each at the Alpine Shooting Range on April 3, 2023. Over \$5,000 was raised for Chapter Training Scholarships

NFSA TEXAS CHAPTER EVENTS

May 2-5, 2023 – NFSA North American Conference & Expo; Austin, Texas, JW Marriott

September 12, 14, 19, 2023

Chat with The AHJs – Austin, Houston, Dallas

NFSA Texas & FSCATX – Joint AHJ Forum

September 12, 2023 – Austin

September 14, 2023 – Houston

September 19, 2023 – Dallas

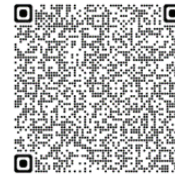
NFSA Texas Chapter Winter Meeting

November 29, 2023 – Dallas

Legal Issues in the Fire Sprinkler Industry

– NFSA Legal Division

Information and Registration for All NFSA Events Here:



Oklahoma

Oklahoma Fire Sprinkler Association 5th Annual Boondoggle-2023

Date: May 10th – May 12th

Place: Grand Resort & Casino

Address: 777 Grand Casino Boulevard, Shawnee, OK 74804
Golf, CEU Credits, Networking, Vendor Expo, and More!

Northern California

Bay Area Chapter Meeting

NFSA President Shane Ray attended the Bay Area Chapter meeting on March 9th, 2023. Some members were recognized for their years of membership in the NFSA. A discussion took place regarding the latest state of the fire sprinkler industry and emerging trends.

Thanks to Area Director Peter Hulin and Chapter Chair Dave Scherson. Both Peter and Dave attended the March 1st, 2023, NFSA Board of Directors meeting.

A special thanks to the Bay Area Chapter and our members for assisting with making fire suppression improvements to the new San Jose Fire Department Training Academy. This is a major project that has taken many months and a lot of work that we expect to be completed soon. The following companies and partners have contributed some much to this project:

Superior Automatic Sprinkler Company

Westates Mechanical Corporation

Battalion One Fire Protection

Ferguson Fire & Fabrication

Sprinkler Fitter Local 483

More to come as we prepare to dedicate this space and additional training props to the San Jose Fire Department. •

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Ghost Ship Fire — **37 Dead**



Don't Become a Statistic - Fire Sprinklers Save Lives

REMEMBER: **#NOSPRINKLERSNOGO**

www.nfsa.org

SPRINKLERING OF NEWS

■ SFPE Foundation Publishes Report on Environmental and Health Impacts of Fire and Fire-Suppression Activities During Large-Scale Fire Events

The SFPE Foundation, a charitable organization focused on enhancing the scientific understanding of fire and its interaction with the social, natural, and built environments, announces the conclusion of its research project and the publication of a report on the environmental and health impacts of fire and fire-suppression activities during large-scale fire events.

The primary objective of this research project was to characterize the environmental and health impacts of wildland and structural, large-scale fire events. Led by Jamie L. McAllister, P.E., Ph.D., Brendan McCarrick, P.E., Zelda Q. Zhao, and Curtis Fagan, the work included a literature review of large-scale fire incidents, identification of current large-scale incident impact monitoring capabilities, identification of standards and industry best practices for quantification of large-scale incident impacts, and a gap analysis. The findings have been published in the free report titled “Environmental and Health Impacts of Fire and Fire-Suppression Activities During Large-Scale Fire Events” available on sfpe.org/foundation.

Additional information about the SFPE Foundation, its programs, and this research project is available at sfpe.org/foundation.

■ New Viking USP 3% SFFF Foam Concentrate and 360° Model GN202 Grate Nozzle Added to FM Approved and UL Listed Foam Offering

The Viking Corporation is introducing a new concentrate to its Synthetic Fluorine Free Foam line, which is free from fluorinated surfactants and polymers. The new multi-purpose alcohol resistant foam concentrate is known Viking USP 3%. In addition, Viking is releasing its latest in foam discharge devices: the 360° Model GN202 Grate Nozzle.

FM Approved and UL Listed Viking USP 3% foam concentrate joins the low expansion SFFF foam line, which was part of the industry’s first FM Approved Synthetic Fluorine Free Fixed Foam System for Hydrocarbon and Polar Solvent applications.

The 360° Model GN202 Grate Nozzle is the latest in Viking’s FM Approved SFFF foam discharge device offering, designed to protect aircraft hangars and helipads. These low expansion foam discharge devices are installed with nozzles flush to the floor within the trench drain and deliver a uniform discharge pattern with a maximum spacing of 50’ x 25’. The new product is introduced alongside optional upgrade kits, which will allow customers to retrofit the existing grate nozzle Model GN200 to ensure its compatibility with SFFF foam.

To learn more about Viking’s foam suppression solutions, including protected fuel types, technical product details and more, visit www.vikinggroupinc.com.



NFSM Article Submission Guidelines

National Fire Sprinkler Magazine (NFSM), a members-only publication of the National Fire Sprinkler Association, is published six times a year. It offers Fire Sprinkler Industry news and articles of interest to Association members.

Query

Send an e-mail or letter briefly describing your article proposal, why the topic is important, and how it is relevant to our audience. Say something about the sources of your information (personal involvement? interviews?) and about your present position and background. Tell us what types of photographs and graphics are available to illustrate your story.

Be sure to include an email address and a daytime phone number. NFSM runs full-length feature articles of approximately 800-1200 words.

Illustrations

We prefer to receive artwork electronically, and all illustrations should include credit and caption information.

Copyrights

Articles must be exclusive to NFSM magazine and not submitted to any other industry publication, unless prior agreement has been reached. Author is responsible for the accuracy of article and that it does not infringe on any other copyright. All published submissions become the property of NFSM.

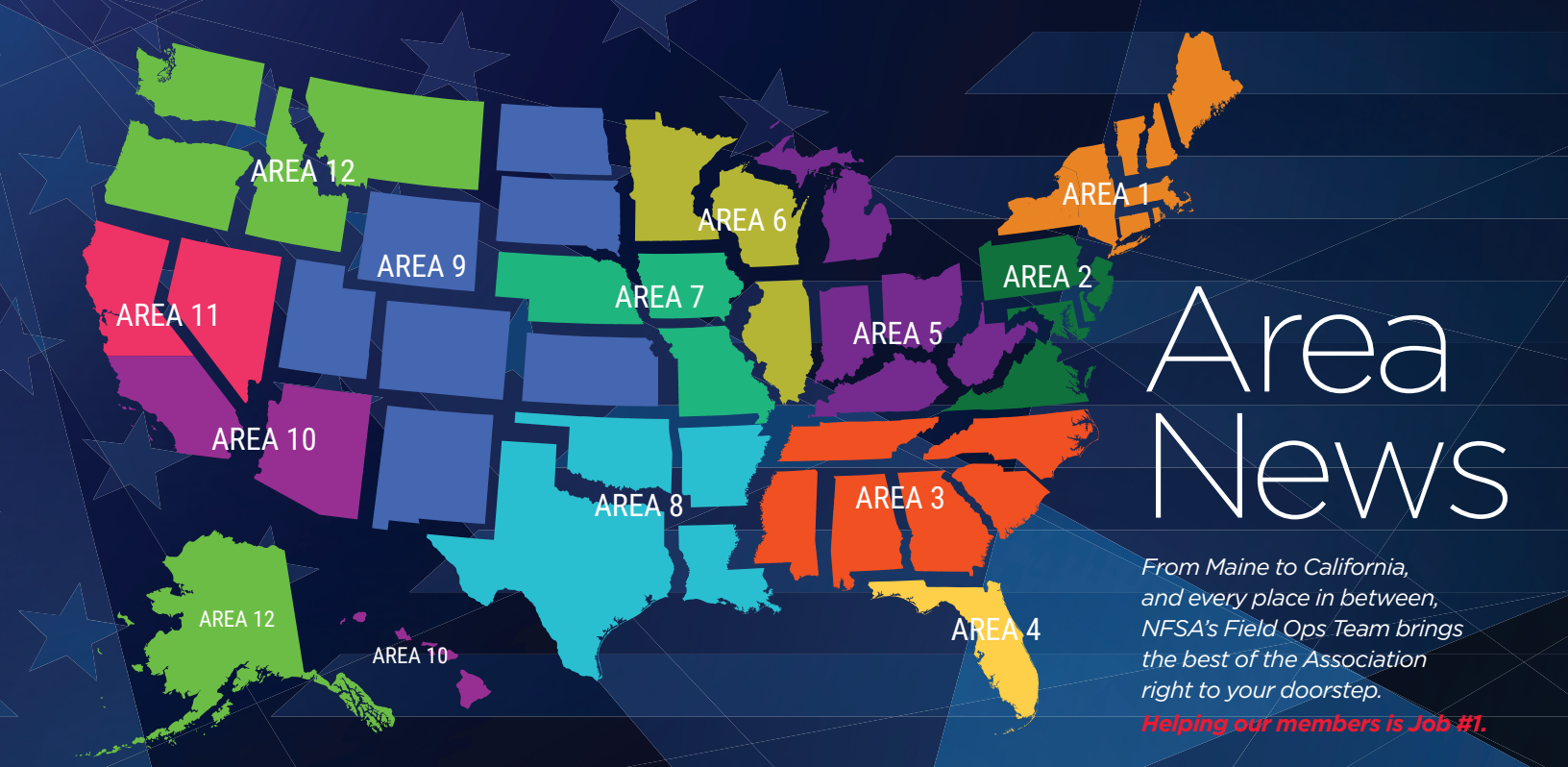
Payment

NFSM does not pay for articles; we do recognize an author with a byline and credit. NFSM reserves the right to reject any submission at its own discretion.

NFSM EDITOR:

Joanne Genadio

genadio@nfsa.org, 443.863.4399



Area News

From Maine to California, and every place in between, NFSA's Field Ops Team brings the best of the Association right to your doorstep. *Helping our members is Job #1.*

AREA 1

CONNECTICUT, MASSACHUSETTS, MAINE, NEW HAMPSHIRE, NEW YORK, RHODE ISLAND, VERMONT

Legislative News

Get involved today with the issues that matter most to you and the fire sprinkler industry. Supporting both commercial and residential legislation on the Federal, State and Local levels is a priority at NFSA. Get involved, connected, and educated by participating in our efforts. Please see below the bills that NFSA is monitoring in your area.

Please support the following bills:

- Massachusetts [HD 2996 / SD 1134](#) An Act relative to safe building materials
- Massachusetts [HD 1257 / SD 892](#) An Act relative to enhanced fire protection in new one- and two-family dwellings
- Massachusetts [HD 1267](#) An Act relative to fire protection
- New York [S 1673 / A 420](#) Requires the installation and testing of fire protection systems at pet stores
- Maine [LD 109](#) Act to Improve Safety for Individuals in Recovery Residences
- Massachusetts [HD 2177](#) An Act to protect historic buildings from fire
- New Hampshire [HB 265](#) Tax relief for fire suppression system installation
- New York [A 377](#) Relates to fire suppression systems and licensing professionals to perform authorized work on fire suppression systems
- New York [S 1843](#) Provides a tax credit for the installation of certain fire sprinkler systems
- New York [A3389/ S3295](#) Water-based fire protection licensure act
- New York [A 2512](#) Relation to Modular Construction Work

Oppose:

- Maine [LD 207](#) An Act to Transfer Responsibility for Administering the Maine Uniform Building and Energy Code from the Department of Public Safety, Office of the State Fire Marshal to the Department of Professional and Financial Regulation
- New York [A 2017](#) Requires local governments to prepare and adopt an affordable housing plan

AREA 4

FLORIDA, PUERTO RICO

Fire Plan Review -3 Locations, 120 AHJs, 3 days!

A special thank you to Jeff Hugo, Vice President of Codes, Standards, and Public Fire Protection | Learning & Development for NFSA and the NFSA for supporting our AHJs by offering Fire Sprinkler Plan Review over 3 days across the state. Started in Ocala, then Tavares and finished up in West Palm Beach. 124 AHJs were in the classes, and all had lunch sponsored by a member contractor. See below to see a few of the many emails thanking us for doing this class.

“Jeff certainly didn't disappoint in his presentation or the information that he provided. He is for sure a very knowledgeable life safety professional and has mastered not only the code, but how to present it in an interesting way.”

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I always look to NFSA and specifically classes that you put together for great continuing education programs. Jeff certainly did not disappoint in his presentation or the information he provided. He is for sure a very knowledgeable life safety professional and has mastered not only the code but how to present it in an interesting way. One added benefit that I did not expect on this course is it counted towards both my Inspector and Instructor continuing education so, it was like getting 16 hours of benefit from 8 hours in the classroom! Bob Ratliff, BS CFPS - Deputy Chief / Fire Marshal, Nassau County Fire Rescue



Lorrell, Thanks for holding the class! It was a bit of a drive from Pensacola to Tavares but well worth it! Nothing at all bad to say. The training was amazing! Facility was great but the instructor - Jeff - was really what made the class top level! That was the best presented training I've been to in two years! Looking forward to attending another one in the future. David Combs, MS, CFPS, CSP, CIT, MTS Senior Risk Control Consultant, FCCI Insurance Group



Great class and very much needed. There is so much important information especially for those of us who actually are responsible for performing plan review, I would like to see this class offered in greater detail over several days. This should be at least a two-day class but could easily be a week. I hope to see more practical application classes like this in the very near future. Cindy Taffel Prevention Lieutenant Broward Sheriff's Office - Fire Prevention Bureau

AREA 6

ILLINOIS, MINNESOTA, WISCONSIN

Gov. Pritzker Appoints James Rivera as Illinois State Fire Marshal

James Rivera has worked for the Chicago Fire Department since 1990. He began his service as a firefighter, working his way up to become Deputy District Chief. In 2014, Rivera served as the

Chief of Operations for the U.S. Security and Protective Services in Chicago. Along with his extensive experience in the field, Rivera has accumulated numerous certifications and honors from institutions ranging from the Department of Homeland Security, Louisiana State University, and the State of Illinois.

Licensure

Beginning January 1, 2024, personnel that perform routine inspection and testing must hold individual licenses. Licenses must be renewed every two years and licensees must complete at least 8 hours of continuing education per year.

Currently, personnel that perform routine inspection and testing must hold one of the following individual credentials, which are the same credentials that will be the basis for individual licenses:

- 1) certification by a nationally recognized certification organization at an appropriate level; or
- 2) ASSE 15010 certification; or
- 3) completion of a certified sprinkler fitter apprenticeship program.
- 4) NFPA-WBITM

Personnel must still be employed or contracted by a licensed fire sprinkler contractor to perform routine inspection and testing.

Legislative Update

[HB2221/SB1683](#)

Both tax credit bills have been assigned to their respective Revenue Committees. All tax credit bills will be reviewed by leadership/staff and then “scored” – with the indication that the primary component of a bill’s “score” will be its cost to general state revenues compared to other tax credit bills. After the review of bills is complete, they will choose which bills will receive a subject matter hearing for further discussion and potential advancement.

AREA 8

ARKANSAS, LOUISIANA, OKLAHOMA, TEXAS

Houston Contractors Help City of Houston Code Adoption

David Stone, Owner of American Fire Systems and Paul McKenna, Owner of Brigade Fire Protection are participating on two different committees with the City of Houston Construction Code Modernization Committee. Paul is assigned to Task Force Group 1 and David Stone and NFSA Regional Manager Cindy Giedraitis are both assigned to the Construction Code Modernization Committee (CCMC). The goal of the CCMC process is to keep Houston codes more consistent with nationally adopted codes. City of Houston is adopting and amending the 2021 I-Codes. The cities of Dallas, Austin, San Antonio and Corpus Christi have already adopted the 2021 codes with amendments. NFSA is assisting the City of Houston with the code updating process with 2024 upcoming code language.

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2023 Legislature

NFSA South Central Regional Manager and National Legislative Team monitored over 30 Texas and Oklahoma Bills of Fire Protection Interest

Texas

TEXAS SENATE BILLS

- SB 149 Local Prohibition for Codes Statewide Commerce
- SB 259 Ability to Require Building Plans or Permits
- SB 494 Approval of Land development municipality or county
- SB 572 Regulation of Unlicensed Residential Facilities
- SB 573 Municipal Requirements for Exterior Key Boxes
- SB 674 Applicable Construction Codes: adoption of certain international codes related to construction
- SB 939 Statutes of Repose Residential

TEXAS HOUSE BILLS

- HB 66 Fire Alarms and Sprinklers in Kennels
- HB 152 Authority of County to Adopt and Enforce WUI
- HB 154 Independent Contractors
- HB 195 Emergency Provisions for People with Disabilities in School Multi-hazard Emergencies
- HB 288 Fire Sprinkler Systems in Firework Indoor buildings
- HB 318 Building permit for Portable buildings.
- HB 717 Fire Escape Exemptions for Certain Courthouses
- HB 739 Affordable Housing in Certain Tax Zones
- HB 794 Tax Appraisal of Homes Repairs/Replacement after a Disaster
- HB 860 – Repairs/Retrofit on Residential Buildings After Disaster
- HB 866 - Relating to approval of certain land development applications by a municipality or county.
- HB 1205 - authority of a county fire code & fire marshal subject to another fire code or certain interlocal agreements
- HB 1237 Salary Reclassification of Texas State Fire Marshal Certain Positions
- H 1246 De-annexation of areas that do not receive full municipal services
- HB 1466 Regulation of Certain Continuing Education Programs
- HB 1517 Licensing in family protective services
- H.B. 1831 Cannabis: authorize the personal use, possession, cultivation, and transfer of cannabis
- HB 1963 Construction Contract Trust Funds
- HB 2310 Construction Defect Litigation
- HB 2334 Plumbing on Private Property
- HB 2343 Regulation of HUD Code Manufactured Housing
- HB 2367 Residential Amenity Rentals
- HB 2350 Preemption of Local Licensing
- H.B. 2127 Prohibit cities and counties from regulating in a field occupied by the state in the following statutory codes: Finance, Labor, Agriculture, Insurance, Natural Resources and Occupations

- HB 2453 Digital Licenses
- HB 2496 Notice provided by a public water system regarding a water outage with provider of fire protection services
- HB 2665 Short-term rental properties by municipalities and counties
- HB 2789 Accessory dwelling units by political subdivisions
- HB 2928 Payment of Funds Under Construction Contracts
- HB 3135 Review and adoption of land development regulations by municipalities, counties, and certain special districts.
- HB 3169 Regulation of short-term rental units by certain municipalities

Oklahoma

OKLAHOMA SENATE BILL

- SB 652 Allowing Non-profits to provide their own repairs to building plumbing, mechanical and electrical
- SB 869 Digital Fair Repair Act

OKLAHOMA HOUSE BILL

- HB 1332 – Oklahoma Department of Labor Advisory Committee Duties

AREA 10

ARIZONA, HAWAII, AND SOUTHERN CALIFORNIA

Legislation

For over a century, the National Fire Sprinkler Association has been advocating for a stronger industry and a safer world by promoting fire sprinklers in model codes and legislation. Our mission is simple:

“To protect lives and property from fire through the wide-spread acceptance of the fire sprinkler concept.”

One way we achieve this is by getting involved with legislative activity across the country. You too can get involved, connected, and educated by participating in our efforts.

Below you will find the items that we are monitoring in Your Area.

Support

- Hawaii [HB 144/SB 191](#) Relating to Public Safety
- Hawaii [HB 351/SB 1234](#) Relating to Tax Credits

Oppose

- California [AB 42](#) Tiny House Sprinkler Prohibition
- California [SB 477](#) Accessory Dwelling Units
- California [AB 1236](#) Fire protection: residential fire sprinklers
- Arizona [SB 1162](#) Home based businesses

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AREA 11

NORTHERN CALIFORNIA AND NEVADA

CAL FIRE Confirms Director and Fire Chief

The California Senate confirmed Director and Fire Chief, Joe Tyler, Monday in a 36-0 vote. Director Tyler is a 31-year veteran of CAL FIRE and serves as the Department representative on the California Wildland Coordinating Group, National Association of State Forester's Wildland Fire Committee, Western States Fire Managers, served on several Statewide committees and cadres and was instrumental in the acquisition of a new fleet of helicopters and C-130 air tankers. He is a qualified Agency Administrator and Incident Commander – Type 1. He was a member of CAL FIRE Incident Management Teams from 2005 through 2014, last holding the position of Deputy Incident Commander on CAL FIRE Incident Management Team 3.



AREA 12

ALASKA, IDAHO, MONTANA, OREGON, WASHINGTON

Montana Legislators Feel the Heat with NFSA

With several bills affecting fire sprinkler system installation requirements in the state of Montana, NFSA teamed up with the Montana Fire Alliance to bring education and awareness to legislators in Helena last week.

The event included testifying at several bills in the morning, a live side-by-side fire sprinkler demonstration on the capitol grounds, and an educational lunch in the capitol rotunda.

During bill testimony, fire service officials and NFSA's Shane Ray testified that the state should continue to follow its standing policies regarding involving the fire service in the construction permitting and planning process. In addition, fire safety advocates and city officials urged legislators to not weaken the fire safety code adoption process. Shane mentioned that the current system in Montana is working to keep citizens safe from the catastrophic fires seen elsewhere in the country.

Bozeman Fire Department, who operates the NFSA-sponsored side by side trailer, made the journey to Helena to ensure legislators had an opportunity to see first-hand the effectiveness of fire sprinklers. While many legislators, staff and visitors braved the sub-zero temperatures to witness the demo up close, many more witnessed the demo from the warmth of the second story capitol which afforded a full view.

"We like to say fire sprinklers buy time, and time buys life," said Shane Ray, president of the National Fire Sprinkler Association told local media who covered the event. Shane also surmised that this was NFSA's first sub-zero fire sprinkler demonstration. Despite the cold temperatures, the demonstration went off without a hitch.

NFSA would like to thank the Montana Fire Alliance for partnering on this event.

The Truth Burns

Common Voices advocates set the stage for why a focus on the impact of fire is worth a glance. Pause and think about our instinct to survive and ask yourself why do we become complacent when it comes to fire safety? The myth “it’ll never happen to me”... sometimes, the truth burns.

In 2022, Common Voices launched a bold plan to capture the stories of all Common Voices advocates. The dream/plan is to have these stories provide the inspiration for a streaming service to create a Docu-series and/or a documentary called “The Truth Burns.” We believe that these stories are courageous, and that they can make a difference and prevent others from suffering similar tragedies. We hope you will join us in our efforts, share the links via all social media platforms, join our coalition with a donation. Working together, we can save lives, and we thank you for believing in our cause, supporting our advocates, and joining our movement for a Fire Safe America.

Our landing page for *The Truth Burns* can be found here:

<https://fireadvocates.org/the-truth-burns/>



Courageous stories that can make a difference and prevent others from suffering similar tragedies...



 CommonVoices1

 CommonVoices1

fireadvocates.org
Fire Sprinklers Save Lives

<https://fireadvocates.networkforgood.com/projects/125513-main-giving-page>





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