

SQA



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1905 - 2015

Advancing the Fire Sprinkler Concept for 110 Years

BUYERS' GUIDE 2015



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INSIDE THIS ISSUE:

- NFSA Recognized as ICC Preferred Training Provider
- Coordinating NFPA 25 and NFPA 72 Requirements
- Omitting Sprinklers in a Fully Sprinklered Building
- Using Rainwater for Fire Sprinkler Systems



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ON THE COVER

Inside this Buyer's Guide issue of SQ are listings of industry Suppliers, Manufacturers and Professionals who through their membership support NFSA's mission of protecting lives and property from fire through the widespread acceptance of the fire sprinkler concept.



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EXACT

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With the NFSA Annual Seminar and North American Fire Sprinkler Expo® only days away as of this letter, as one might imagine, all the planning that has gone into the event is now coming to a foreseeable conclusion. Events have all been scheduled. Details have been finalized with the hotel, registrations have all been processed and just about every conceivable permutation has been examined more than once to be sure nothing gets overlooked. Sound exhausting? Quite, but it is all necessary to ensure that NFSA's members have the best experience possible and that the Annual Seminar continue to be recognized as the fire sprinkler industry's premier event.

This, the second year of the North American Fire Sprinkler Expo, is a complete sellout. It isn't any wonder since the show draws attendance from the largest fire sprinkler contractors in North America. Suppliers and manufacturers who provide products and services to fire sprinkler contractors throughout the continent will be on hand to demonstrate new products and to provide answers to the most demanding installation challenges. In recognition of their membership in NFSA, individual listings of every member company exhibiting at this year's show can be found inside this Buyer's Guide issue of **SQ** beginning on page 23.

These companies and individuals represent the broadest possible range of products and services for the fire sprinkler industry and have demonstrated their support and commitment to the Association through their membership. As such, it would only be fitting for NFSA contractor members to give them first consideration when sourcing related products and services.

Undeniably, there is a symbiotic relationship between the fire sprinkler contractor and industry suppliers and manufacturers with much to be gained by the mutual support each provide NFSA. It is these relationships on which NFSA is built and they serve to sustain and drive the organization for this its 110th year. 

David J. Vandeyar
David J. Vandeyar, Editor



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April 21, 2015

Installation of CPVC
ON-LINE

April 21-22, 2015

ITM: Navigating Through the Liability Minefield
OKLAHOMA CITY, OKLAHOMA

April 21, 2015

Sprinkler System Plan Review
WOODLAND, CALIFORNIA

April 23, 2015

Understanding, Applying & Enforcing NFPA 25
OKLAHOMA CITY, OKLAHOMA

April 23, 2015

Understanding, Applying & Enforcing NFPA 25 (California Edition)
WOODLAND, CALIFORNIA

April 29 – May 2, 2015

NFSA Annual Seminar and North American Fire Sprinkler Expo®
ORLANDO, FLORIDA

May 5-6, 2015

Sprinkler System Plan Review
GRAND JUNCTION, COLORADO

May 6, 2015

Rough & Final Inspections of Fire Sprinkler Systems
BROCKTON, MASSACHUSETTS

May 7, 2015

Rough & Final Inspections of Fire Sprinkler Systems
GRAND JUNCTION, COLORADO

May 7, 2015

Rough & Final Inspections of Fire Sprinkler Systems
HOLYOKE, MASSACHUSETTS

May 8, 2015

NFPA 13, 13R, 13D & 14 Update 2013
GRAND JUNCTION, COLORADO

May 12, 2015

NFPA 13, 13R, 13D & 14 Update 2013
MERCED, CALIFORNIA

May 13, 2015

Fire Service Mains & Their Appurtenances
MERCED, CALIFORNIA

May 14, 2015

Pumps for Fire Protection
MERCED, CALIFORNIA

May 14-15, 2015

Sprinkler System Plan Review
CONCORD, NEW HAMPSHIRE

May 19, 2015

Fire Sprinklers in the ICC
ON-LINE

May 21-22, 2015

Sprinkler Protection of Storage
NAMPA, IDAHO

June 1-12, 2015

Two Week Layout Tech Training
FIFE, WASHINGTON

June 16, 2015

Planning the System for its Lifespan
ON-LINE

June 23, 2015

Understanding, Applying & Enforcing NFPA 25 (California Edition)
APPLE VALLEY, CALIFORNIA

June 24, 2015

NFPA 13, 13R, 13D & 14 Update 2013
APPLE VALLEY, CALIFORNIA

July 29, 2015

Understanding, Applying & Enforcing NFPA 25
WHITE CITY, OREGON

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Area	States	Regional Manager	Area Director
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New York	New York	Dominick G. Kasmauskas, NFSA 1436 Altamont Ave. Suite 147 Rotterdam, New York 12303 (518) 937-6589 FAX (518) 836-0210	
Mid Atlantic	Delaware, Maryland, New Jersey, Pennsylvania, Virginia, Washington, D.C.	Raymond W. Lonabaugh, NFSA P.O. Box 126 Ridley Park, Pennsylvania 19078 (610) 521-4768 FAX (610) 521-2030	Kent Mezaros Quick Response Fire Protection 77 Pension Road, Suite 5 Manalapan, New Jersey 07726 (732) 786-9440 FAX (732) 786-9443
Southeast	Alabama, Georgia, Mississippi, North Carolina, South Carolina	Associate Director of Regional Operations - East Wayne Waggoner, NFSA PO Box 9 Andersonville, Tennessee 37705 (865) 755-2956 FAX (865) 381-0597	Ken Brinkley Music City Fire Sprinkler 238 Molly Walton Drive Hendersonville, TN 37075 (615) 826-7450 FAX (615) 826-9680
Tennessee	Tennessee		
Florida	Florida, Puerto Rico	Lorrell Bush, NFSA 2025 Droylsden Lane, Eustis, Florida 32726 (352) 589-8402 FAX (561) 327-6366 Cell: (954) 275-8487	Alan Wiginton Wiginton Fire Systems 699 Aero Lane Sanford, FL 32771 (407) 585-3205 FAX (407) 585-3282
Great Lakes	Indiana, Michigan, Ohio, West Virginia, Kentucky	Ron Brown, NFSA 1615 Cypress Spring Drive Fort Wayne, Indiana 46814 (845) 661-6534 FAX (260) 625-4478	Richard A. Ackley Dalmatian Fire, Inc. P.O. Box 78068 Indianapolis, Indiana 46278 (317) 299-3889 FAX (317) 299-4078
North Central	Minnesota	Tom Brace, NFSA 1433 Idaho Ave West St. Paul, Minnesota 55108 (651) 644-7800 FAX (651) 603-8827	Gregg Huennekens United States Alliance Fire Protection 28427 North Ballard – Unit H Lake Forest, Illinois 60045 (847) 247-4755 FAX (847) 816-0098
	Wisconsin	Dan Gengler, NFSA P.O. Box 286 Waupaca, Wisconsin 54981 (262) 325-1958	
Illinois	Illinois	Robert Tinucci, NFSA 6401 Richmond Ave Willowbrook, Illinois 60527 (630) 655-1875 FAX: (630) 655-1875	
Central	Iowa, Kansas, Missouri	Chris Gaut, NFSA 207 Van Buren Rd. Branson, MO 65616 (636) 692-8206 FAX (636) 410-7700	Dennis C. Coleman Engineered Fire Protection, Inc. 1615 South Kings Highway St. Louis, Missouri 63110 (314) 771-0033 FAX (314) 664-1619
South Central	Arkansas, Louisiana, Oklahoma, Texas	Cynthia Giedraitis NFSA 2013 Oakwood Trail College Station, Texas 77845 (979) 324-8934	John Kauffman III Kauffman Company 13225 FM529 – Suite A Houston, Texas 77041 (713) 937-4144 FAX (713) 937-4149
Great Plains	Colorado, Nebraska, North Dakota, South Dakota, Utah, Wyoming	Eric Gleason, NFSA P.O. Box 62157 Littleton, Colorado 80162 (720) 470-4894	Harry Nothhaft II L. Nothhaft & Son 2520 West 62nd Court Denver, Colorado 80221 (303) 433-3329 FAX (303) 433-2432
Southwest	Arizona, Nevada, New Mexico,	Associate Director of Regional Operations - West Bruce Lecair, NFSA 25417 West Hyacinth Street Corona, California 92883 (951) 277-3517 FAX (951) 277-3199	Aaron Bennett RCI Systems, Inc. 1220 West Geneva Drive Tempe, Arizona 85282 (480) 894-8711 FAX (480) 894-8740
West	California, Hawaii		Jack Thacker Allan Automatic Sprinkler Corporation 3233 Enterprise St. Brea, California 92821 (714) 993-9500 FAX (714) 993-5708
Northwest	Alaska, Idaho, Montana, Oregon, Washington	Suzanne Mayr, NFSA P.O. Box 7328 Tacoma, WA 98417 (253) 208-8467	James Boulanger Patriot Fire Protection, Inc. 2707 70th Avenue East Tacoma, Washington 98424 (253) 926-2290 FAX (253) 922-6150
		VICE PRESIDENT OF REGIONAL OPERATIONS Buddy Dewar, NFSA 200 West College Avenue Tallahassee, Florida 32301 (850) 222-2070 FAX (850) 222-1752	DIRECTOR AT LARGE Clark Gey Wayne Automatic Fire Sprinkler 222 Capitol Court Ocoee, Florida 34761 (407) 877-5564

Full Circle for #fastestwater

Shane Ray



Greetings!

I am honored and humbled to be writing my first message to you "From the President's Desk" and I do so with much anticipation of our opportunities moving forward. I also pause, to honor and reflect upon, all who have gone before me, may we always recognize their contributions and honor their service. It's important to recognize the foundation on which we build, and in doing so I recognize:

Our 3 Founders

John Moore • George M. Myers • W.G. Allen

Our 1st paid employee: Ira G. Hoagland

Our 4 Prior Presidents (full-time)

Raymond J. Casey	1952 - 1978
Ed Reilly	1978 - 1984
John A. Viniello	1984 - 2012
Russell P. Fleming	2012 - 2015

While this is an impressive list that has meant a lot to our industry and provided outstanding leadership to our Association, the accomplishments since our establishment and all our potential in the future wouldn't be possible without each of you, the members and those who have been associated in the past.

We have a great history, we have proven technology, we have an energy that supports moving our association forward that will grow our industry, which means lives and property saved. We have innovative ideas, a committed team of personnel, and a board of directors who supports our vision for the future. Lives will be saved as a result of our efforts, adversaries will become allies, advocates will be supported and strengthened.

The NFSA is an inclusive association for the fire sprinkler industry. We include, union and non-union contractor members, suppliers, manufacturers, engineers, designers, layout technicians, fitters, installers, service inspection technicians, project

managers, public officials, fire officials, building officials, lawyers, insurance companies, and many friends of the industry. Working, serving, and learning together we can all receive mutual benefit and have a continuous long-term relationship that makes our industry and our world a better place.

Can we handle the pressure being applied to our industry? Can we manage the positives and the negativity that sometimes is directed at our industry? Of course we can! We will work to strengthen our supporters and advocates and we will make our adversaries our allies. We will continue to strive to make sure it doesn't take a tragedy to see our value. Together we are strong! We have grown into an organization that serves and represents an estimated \$4 billion industry, which translates into about 40,000 people involved. We believe that our members do at least half of that -It's exciting to think that we are beginning with over 20,000 people on our NFSA team. We are certainly in a positive position from which we can build and grow.

As we begin this journey together, I thank you all. For your support, your membership, and your energy as we move forward. I thank Russ Fleming for his assistance throughout the transition, and I specifically thank the entire board of directors, especially Chair Larry Thau, and everyone who has supported me. I pledge to work hard and stay focused on our mission. I pledge we will develop a vision and identify the values that support our mission. We will focus on our vision, mission, and values and we will do MORE! Our future is bright, our service is proven, and together we can make big differences! It's time for us to get to work and build a future that will provide benefit to many and life safety to all. 🙏

A Grateful,

Shane Ray, *President*



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Avoiding a Government Head Fake On Retirement Savings

Retirees Should Reconsider Strategies On IRA, 401K Withdrawals, Financial Advisor Says

by Dave Lopez

A government rule on retirement savings may be tricking retirees into looking at their financial situations all wrong, says a financial advisor who specializes in retirement planning.

The rule says retirees can't leave money in their IRA or 401k accounts forever. At age 70½ they must begin making minimum withdrawals, even if they prefer to leave the accounts untouched.

"You are forced to take money out whether you want to or not," says Dave Lopez, a mathematics and computer science major who applies his analytical mind to solving retirement challenges.

And in reality, Lopez says, you should want to take out as much as possible. That's why he likens the rule to a head fake because it causes retirees to look at the situation from the wrong perspective.

"They get fixated on that minimum amount they must withdraw, so that's

how much they end up withdrawing, leaving the bulk of their savings right there in the 401k or IRA," he says.

That's a mistake, he says, especially for people who hope to leave a healthy inheritance to heirs.

"If you keep taking out the minimum amount each year, it will just about guarantee you have a large amount in there at your death," Lopez says. "Under the current tax law, if you die and your IRA or 401k is left to your heirs, they are taxed on it at a high rate. With state taxes added in, it could be 40 to 45 percent."

The percentage could end up being even more, depending when you retire and whether tax laws change, he says.

If Congress and the president raise taxes, the government's share of your retirement savings would go up and the amount left to heirs would go down.

That's where it would be good for the middle class to take a lesson from wealthy retirees, who are less likely to fall for that head fake, Lopez says. They understand that they need to withdraw greater chunks from their IRA and 401k accounts, placing the money in tax-friendlier accounts.

"While people in the middle class take out the minimum-required amount, the rich do the exact opposite," he says.

Lopez says a few strategies exist that retirees can take advantage of to make sure taxes don't deplete their legacy to their children. "You have to put these strategies into place early, though," Lopez says. "The later you wait, the less effective they are and the less your savings will be."

Explore tax-free options.


Move the money into a tax-free vehicle, such as a Roth IRA or a specially designed life insurance plan that would allow the dollars to flow tax free to heirs. Lopez says one additional advantage with the life insurance option is that, historically, when

laws are changed related to life insurance the old policies are grandfathered in and not affected. "It's a top estate planning trick for the rich," he says. "The challenge is the middle class doesn't know it exists."

Stretch out inherited IRA withdrawals.

Under tax law, when your heirs inherit an IRA they don't have to take money as a lump sum. They can have it paid out over their lifetime, which could keep them in a lower tax bracket, Lopez says. They pay taxes only on what they take out, he says. "There is gamble involved with this plan," Lopez says. "You are gambling that the law that allows heirs to do this will still be in effect when you die. Many people think this law is one of the easiest ones to change because the government could just claim this is a tax loophole and they are closing the loophole."

Ultimately, he says, it will pay off to sit down ahead of time to review options with a financial advisor who understands the intricacies of retirement planning.

"You don't want to be taken in by that head fake," Lopez says. "You want to make sure you and your family get as much benefit as possible from all those years you were saving your hard-earned money." 

ABOUT DAVE LOPEZ

Dave Lopez is the founder of ILG Financial, LLC (www.ILGFinancial.com) and has been working with individuals and businesses in the Northern Virginia area since 1986. He specializes in strategies that enable his clients to potentially build a retirement nest egg that they can rely on and can never outlive. Lopez has his Bachelors of Science degree from James Madison University with a major in mathematics and computer science. He is an investment advisor representative of AlphaStar Capital Management, LLC, a registered investment advisor.



FUTURE NFSA ANNUAL SEMINAR SCHEDULE

May 4-7, 2016

NFSA Annual Seminar
Laguna Cliffs Resort & Spa
by Marriott, Dana Point, CA

MAY 3-6, 2017

NFSA Annual Seminar
and North American Fire
Sprinkler Expo®
Red Rock Resort
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Make a Difference with Your Money

Help Your Family or Community by Helping Yourself First

by Jeff Bucher

At some point during their lifetime, most people wonder whether they've done enough - if they've made a positive impact, says Jeff Bucher, a financial advisor who helps working-class Americans plan their golden years.

"For most people, I think that concern increases as they get closer to retirement - they wonder what their earning years have bought for themselves and the people they care about, which may extend to their greater community," says Bucher, who, through his firm, Citizen Advisory Group, (www.citizenadvisory.com), has contributed to the local Boys & Girls Club, the Make-A-Wish Foundation and to development of an Olympic training center for wrestling at Ohio State University, his alma mater, where he earned a wrestling scholarship.

"You don't have to be super-wealthy to make a significant contribution to others. The smarter you are with the wealth you do have, however, the more of an impact you'll be able to have."

If you want to make a difference with your money, you're better off having your financial affairs in order. Bucher offers a few suggestions.

■ Now is the time to design a lifetime income plan. Simply attaining a minimum figure in savings probably won't work; such figures do not account for family emergencies, inflation, etc. Social Security does not cover what it used to, and its future is uncertain at best. You need to establish a laddered, inflation-adjusted income using safe and dependable accounts that will provide a check every month. This should be informed by a plan that maps out your lifetime income needs to ensure that you do not outlive your money. For example, if you need \$3,000 a month now, at a 4 percent inflation rate you will need \$3,649.96 in five years. In 10 years you will need almost \$4,500 per month.

■ Consider holding off on retirement. Many people are understandably eager to retire as early as possible; others fear Social Security benefits will vanish, so they want to get what they can as quickly as possible - at age 62. But if you're counting on those benefits as part of your income, you should wait until you're eligible for the full amount. That's age 66 if you were born from 1943 to 1954, and age 67 if you were born in 1960 and later. If you're in the older group, retiring at 62 cuts your benefits by a quarter; for the younger group it's nearly a third. "Chances are, you'll be better off mentally and physically if you wait anyway," Bucher says. "Many studies show that people live longer and are more vital the longer they remain employed."

■ Know when to transfer investments out of tax-deferred plans. If you're working for a company that provides a match for 401k contributions, by all means, contribute up to the maximum match. "That's free money - you'd be crazy not to take advantage," Bucher says. But anything beyond that should be invested in something that's more tax efficient: Roth IRA, municipal bonds, life insurance or real estate. No one expects taxes will go down - they'll be going up. Uncle Sam already has a lien on your IRA or 401(k); don't let his lien, the taxes you'll owe, continue to grow. Go ahead and pay now. Your future retired self will be glad you did.

ABOUT JEFF BUCHER

Jeff Bucher is president of Citizen Advisory Group (www.citizenadvisory.com), and is an Investment Advisor Representative of AlphaStar Capital Management, an SEC Registered Investment Advisor. He has a life and health insurance license with the state of Ohio. His membership affiliations include the exclusive Ed Slott's Master Elite IRA Advisor Group™, National Association of Insurance and Financial Advisors (NAIFA), the National Association of Fixed Annuities (NAFA) and the Forum 400. He has earned Top of the Table honors through the Million Dollar Round Table (MDRT). Bucher is a former standout wrestler at The Ohio State University, where he earned an athletic scholarship and honed his leadership skills en route to earning four varsity letters. 🏆

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NFSA Becomes an ICC Preferred Provider of Training

By James D. Lake

In February NFSA became a Preferred Provider (PP) of Training in the International Code Council's (ICC) Preferred Provider Program (PPP). This program focuses on training opportunities offered by various categories of ICC members in the codes arena. The Program recognizes and promotes ICC-approved educational offerings by a variety of Providers as they relate to codes, standards and guidelines, as well as building construction materials, products and methods.

The purpose of the ICC Preferred Provider Program is to create an easily accessible network of extensive training opportunities from a variety of educational resources. The program is also intended to provide access to quality training on specialty topics and building products that are beyond the ICC core training programs.

A Preferred Provider becomes a part of the ICC Preferred Provider Network (PPN). NFSA will now be part of a network that includes trade associations such as NFSA, individuals, AHJs and others that provide educational opportunities through one or more methods in the areas of code administration and compliance, building design and construction, materials and methods of construction, or similar areas through on-site presentations or online programs.

NFSA benefits from becoming a Preferred Provider by increasing our connection capabilities to ICC members to create

a vast network of educational opportunities. The International Code Council has over 58,000 members who rely on educational and informational opportunities to stay current on varied aspects of building construction and use. The Program brings education Providers together with these members, as well as over 350 ICC chapters and 40,000 ICC-certified individuals, to greatly expand the amount and quality of available training needed to serve the significant needs. With a subscription base of more than 220,000 and database of over 450,000, significant access opportunities are available. ICC's periodic communication with its members and customer bases regarding the PPP and links to the PP website will facilitate the connection between ICC members and customers with Preferred Providers.

The Program exposes the services and products of education of NFSA to ICC's broad audience through a Provider directory, listing of NFSA educational offerings, and links to NFSA websites. In addition, NFSA can use the ICC Preferred Provider logo and brand for marketing purposes.

The ICC certification program certifies over 14,000 code officials, inspectors, plan reviewers, permit technicians, special inspectors, and students every year in over 40 national examination categories. Such certifications must be renewed every three years, with renewal based primarily on participation in educational programs. Every year more than 12,000 individuals

renew one or more of their certifications. To maintain a level of quality assurance for the credibility of the ICC certification renewal program, the use of ICC or Preferred Provider training is now required as a condition of all certification renewals.

Eligible ICC chapters are awarded chapter education benefits (CEB) that have historically been limited to ICC provided training. The benefit has now been expanded so that chapters can choose to obtain educational services from a Preferred Provider, such as NFSA, as the chapter benefit with a significant reimbursement from ICC.

Becoming a Preferred Provider demonstrates our interest in ensuring that code enforcers are provided with top quality training on fire sprinklers and related topics and ultimately strengthens NFSA's alliances with authorities having jurisdiction who have a strong influence over development of code requirements that are adopted in every state. ①



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ESFR "Shift" Rule

By Victoria B. Valentine, P.E.

Early suppression fast response (ESFR) sprinklers offer simpler protection schemes for challenging fire scenarios, often allowing in-rack sprinklers to be omitted. They are the only type of sprinkler currently on the market that is listed to actually suppress the expected fire instead of the traditional method of controlling a fire in a limited area. Yet, these useful devices are very sensitive to obstructions. Even small obstructions can impact the activation of the sprinkler or distribution of the water from the sprinkler. One challenge is to maintain a minimum distance of 1 ft (0.3 m) horizontally from the edge of the bottom chord of a bar joist as required by Section 8.12.5.3.2 in NFPA 13. However, there is an allowance to "shift" the pattern of ESFR sprinklers when working around structural members. For additional details on many of the spacing rules for ESFR sprinklers near obstructions see "Obstructions to ESFR Sprinklers" in the March/April 2007 issue of *SQ* Magazine.

Following the spacing criteria for ESFR sprinklers, they are limited to protecting 100 ft² (9.3 m²) per sprinkler in Section 8.12.2.2.2. The Committees have often provided guidance to allow for practical installation criteria in common situations. When structural members, such as trusses and bar joists, are planned for locations that do not permit the pattern of ESFR sprinklers to be installed without obstructing the sprinklers, there is an exception to the maximum sprinkler spac-

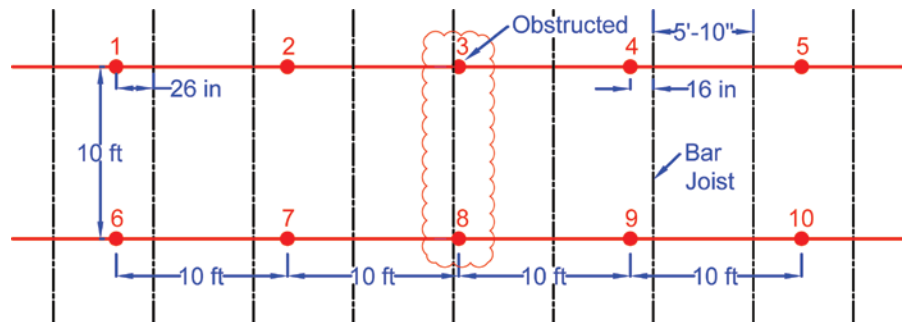


FIGURE 1

ing. Section 8.12.2.2.3 states, "Deviations from the maximum sprinkler spacing shall be permitted to eliminate obstructions created by structural elements...by moving a sprinkler along the branch line a maximum of 1 ft (0.3 m) from its allowable spacing, provided coverage for that sprinkler does not exceed 110 ft² (10.2 m²) per sprinkler..." There are three (3) conditions for using this exception. The first is that the average floor area protected by the moved sprinklers and the adjacent sprinklers cannot exceed 100 ft² (9.3 m²). The second is that adjacent branch lines have to maintain the same pattern of sprinklers. Lastly, the third is that the distance between sprinklers cannot be more than 12 ft (3.7 m).

Figure 1 shows ESFR sprinklers on a 10 ft (3.1 m) by 10 ft (3.1 m) spacing, which maximizes their base protection areas. It also indicates that there are bar joists spaced 5 ft 10 inches (1.8 m) apart. This creates an occasional row of ESFR sprinklers aligning with the bar joist location.

This would not be permitted as the row of sprinklers is obstructed.

However, if the line of ESFR sprinklers is shifted 1 ft (0.3 m) away from the bar joist, then the sprinklers would not be obstructed. Figure 2 indicates the obstructed line has been shifted to the right. This means there are 11 ft (3.6 m) between the center row of sprinklers and those on the left (sprinklers 2-3 and 7-8), while there are 9 ft (2.7 m) between the center row of sprinklers and those on the right (sprinklers 3-4 and 8-9).

>> CONTINUED ON PAGE 17



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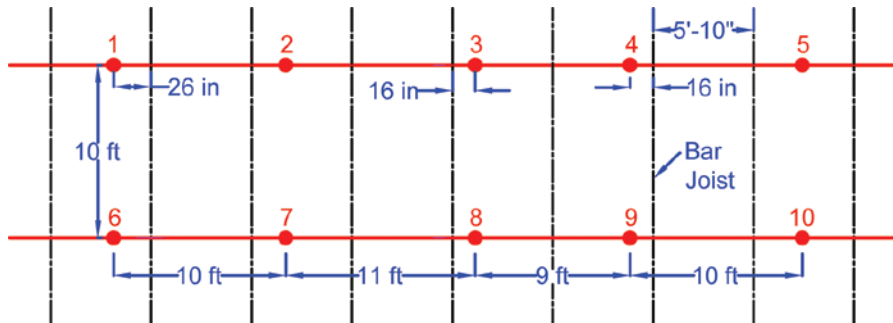


FIGURE 2

It is important that when shifting a row of sprinklers beyond the base spacing used in the initial layout that the distance is reduced the same amount on the other side of the sprinkler. This allows the floor area protected to maintain the appropriate average values. Examine the actual area of floor space covered by the sprinklers in Figure 2. While the “shifted” sprinklers are permitted to cover up to 110 ft² (10.2 m²), the average would still not permitted to be more than 100 ft² (9.3 m²). The values for those sprinklers in the example can be seen in Table 1. This shows that when the sprinklers are averaged, the coverage area still remains at or below the 100 ft² (9.3 m²) maximum allowed.

TABLE 1 - SPRINKLER PROTECTED FLOOR AREA FOR FIGURE 2	
SPRINKLER	FLOOR AREA
2	105 ft ² (9.8 m ²)
3	100 ft ² (9.3 m ²)
4	95 ft ² (8.8 m ²)
7	105 ft ² (9.8 m ²)
8	100 ft ² (9.3 m ²)
9	95 ft ² (8.8 m ²)
Average Coverage Area	100 ft² (9.3 m²)

One of the keys to applying this rule is that adjacent sprinklers have to maintain the same pattern. This means that a sprinkler on a single branch line would not be shifted while the other sprinklers remain on the original 10 ft (3.1 m) by 10 ft (3.1 m) spacing. The row of sprinklers would have to be shifted so that the pattern of protection is divided in traditional rectangular areas on the floor. Also, Section 8.12.2.2.4 allows for the same rule to be applied by moving a branch line up to 1 ft (0.3 m).

The spacing of the sprinklers would be the same as when a row of sprinklers along the branch lines are moved. However, one of the caveats is that it is not permitted to move a branch line where a row of sprinklers along the branch line have already been shifted.

Another key to shifting a line or row of ESFR sprinklers is to recognize the intent is not for this shift of sprinklers to occur in every line or every other line of sprinklers. However, it does not preclude being able to shift the sprinklers more than one time within a single sprinkler system. Yet this should be done with caution making sure all of the requirements are followed for each shift of a line or row.

Summary

ESFR sprinklers provide protection for many scenarios. Yet, close attention to obstructions is needed so that they are spaced appropriately and operate as intended. When structural members are in the way of a desired pattern of layout for the ESFR sprinklers, there is an allowance to move them. They can “shift” up to 1 ft (0.3 m) as long as the average protected floor area does not exceed 100 ft² (9.3 m²).^①

REFERENCES

- NFPA 13, *Standard for the Installation of Sprinkler Systems*, 2013 Edition. National Fire Protection Association, Quincy, MA. 2012.
- Valentine, P.E. Victoria B. “Obstructions to ESFR Sprinklers.” *SQ Magazine*, Issue 141, March/April 2007. NFSA, Patterson, NY 12563. 2007.

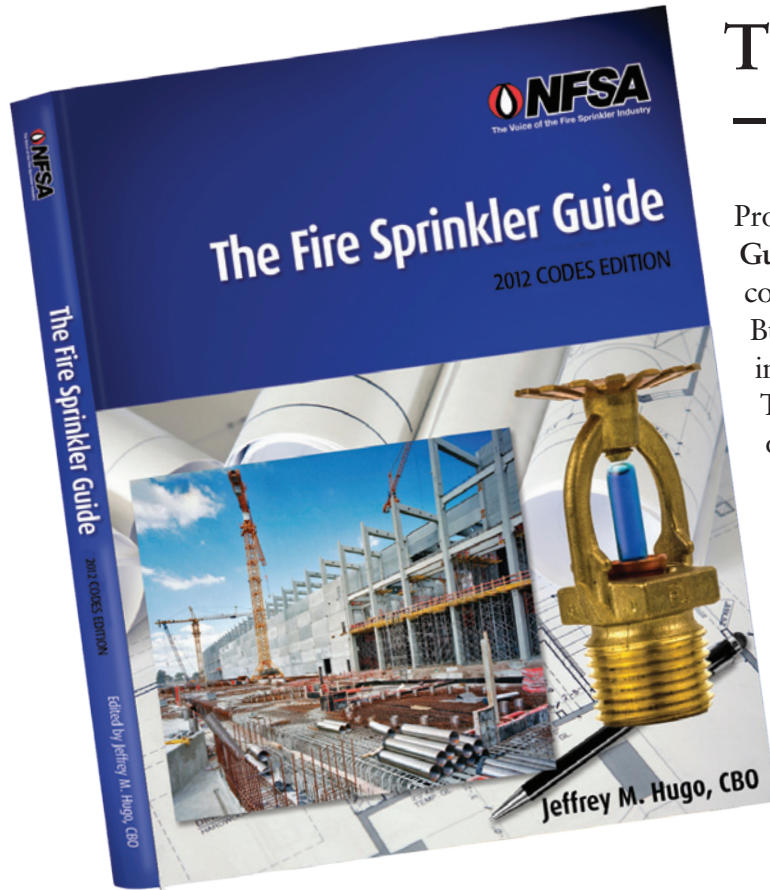
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The Fire Sprinkler Guide –2012 Codes Edition



Produced by NFSA, this second edition of **The Fire Sprinkler Guide** defines those sections of the three model building codes, the Life Safety Code (NFPA 101) and International Building Code where fire sprinkler systems are required, including partial requirements and construction incentives. The guide includes comparison tables to clarify many of the code requirements. The guide is a valuable tool for architects and engineers, plan reviewers, fire and building inspectors, as well as sprinkler contractors, and serves well as a workbook for students at the NFSA's Design Advantage Seminar. This book is a "must have" for anybody that performs hydraulic calculations of fire sprinkler systems or performs plan review and approval of hydraulic calculations.

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Using Rainwater for Fire Sprinkler Systems

By Jeff Hugo, CBO

Rainwater systems are regulated by the plumbing codes. The methods of collection, filtration, disinfection, classification, storage and distribution are covered extensively by the plumbing code. The connection of the fire sprinkler system to the rainwater system is really no different than a connection to a public utility or a pump and tank. However, the key concerns of this connection are the extent of each system, reliability, listed materials, and water quality.

Municipal rainwater systems are similar to the underground potable water supply as they are used to provide water for many community needs, such as green space or agricultural irrigation. There are many communities that connect their municipal rainwater system to the sprinkler system. When connecting the rainwater system to the fire sprinkler system there are many concerns. NFPA 13 requires any water supply, including a rainwater system supply, to be automatic and reliable with the capacity to provide the required flow and pressure demand for the fire sprinkler system. If the municipal rainwater supply is connected to the fire sprinkler system, the applicable hose stream allowances are required to be added.

Some municipalities with extensive municipal wide rainwater systems started with the intention of the rainwater system to become normal supply for fire protection. However, some are scaling back these systems and are disconnecting

the fire protection systems because of the reliability of the supply, or really the lack thereof. The demand on municipal rainwater system supplies are beyond the original intentions and designs of the system. The fire reserve or duration is not the burden of the municipal wide rainwater system, it cannot be guaranteed because of the many other uses tied into the system. The supply (rain) cannot meet the demand (irrigation) and because of this effect, the fluctuations in the system availability vary greatly, causing question of compliance of reliability within NFPA 13. This has caused some municipalities to disconnect fire protection (hydrants, fire sprinkler systems, standpipes, etc.) from the rainwater system and reconnect to the potable municipal water system.

On-Site Systems

On-site rainwater systems can have similar concerns of supply and demand. Rainwater systems are filled by precipitation. In dry times, there is a greater tendency and concern to use the storage to irrigate the green spaces of the property. Storage tanks shall be designed and distribute fire protection water first, or be arranged to where the fire protection water duration remains in the tank, permitting the irrigation water to only use a portion. The amount of water required by NFPA 13 and NFPA 13R to be stored for 30, 60, 90, or 120 minutes results in large quantities of stored water to be reserved for use by

the fire sprinkler system. The amount of water used by the irrigation system on a weekly basis can also drive the size of the tank when the tank is planned to serve both functions. A green space irrigation system of a LEED certified building can easily exceed the fire protection water capacity in one month!

Storage tanks that collect rainwater used for fire protection are often overlooked by rainwater system designers. Fire sprinkler systems, when connected to tanks are required by NFPA 13 and NFPA 13R to comply with NFPA 22, *the Standard for Water Tanks for Private Fire Protection*. NFPA 22 requires listed fire protection tanks to store fire protection water. A listed NFPA 22 tank can store fire protection water and irrigation water, but fire protection water cannot be stored in an unlisted tank. Oftentimes projects may have combined tanks and the listing requirements for the fire sprinkler system have to be carefully followed.

The rainwater system (collection, treatment, distribution, storage) is required to meet the plumbing codes and related

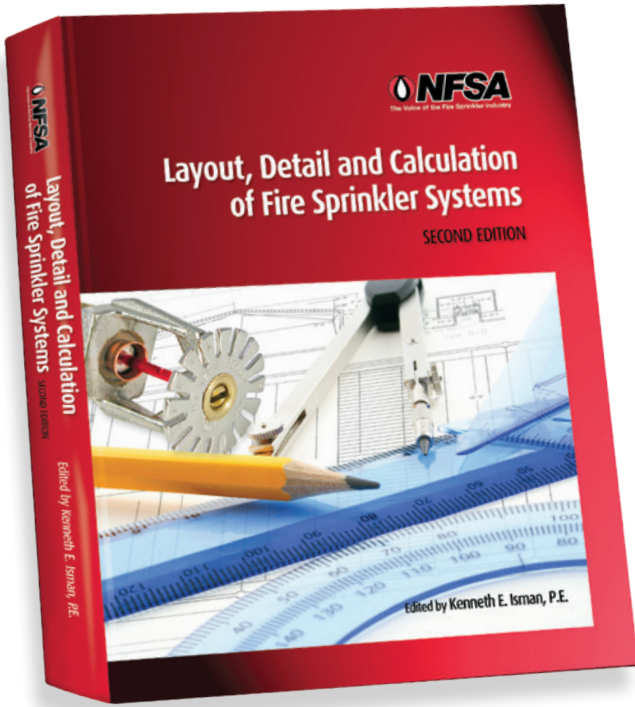
>> CONTINUED ON PAGE 21



NFSA's Manager
of Codes

Jeff Hugo, CBO

2nd Edition of Layout, Detail and Calculation of Fire Sprinkler Systems



The NFSA announces the publication of the 2nd Edition of its popular textbook, *Layout, Detail and Calculation of Fire Sprinkler Systems*. This newly revised hardcover textbook has been updated to reference the 2007 and 2010 editions of NFPA 13 with more examples and student exercises and new chapters on contract issues and stocklisting. This text remains the most complete book ever written for the fire sprinkler engineering technician and it's available now!

Written by the NFSA Engineering Department staff and edited by Kenneth E. Isman, P.E., Vice President of Engineering, this text covers every aspect of determining the necessary details for a fire sprinkler system including: hazard classifications, sprinkler spacing, hanger and brace requirements, hydraulic calculations, water supplies, pumps and tanks. The text also contains a review of basic math and physical science that is helpful in understanding the scientific principles behind the requirements that need to be followed.

This text makes an excellent self-study guide for the NICET Automatic Sprinkler Layout and Detail certification program and covers all of the work elements necessary to achieve Level 2 certification and many of the elements needed to achieve Level 3 and Level 4 certification. Even if you are not studying for a NICET exam, this text makes an excellent self-study guide for anyone wanting to know more about fire sprinkler systems.

The text retails for \$95 (plus S&H) to members of the NFSA and \$145 for non-members (plus S&H). To get your book, fill out the following form and return it with your payment.

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standards, such as AWWA standards for underground distribution piping. The fire protection connection to the municipal wide underground rainwater system is really no different than the fire protection connection to the municipal wide underground potable system. However, when a combined tank is used for on-site systems, the extent of the two systems can become confusing. The best way to describe this is to have the rainwater processing system (the supply) distributed to a NFPA 22 tank. The tank has two connections. The first connection continues the unlisted components of distributing the rainwater throughout the building according to the plumbing code. The second connection becomes the suction line of the listed fire pump of NFPA 20 which is connected to the NFPA 13 or NFPA 13R fire sprinkler system.

The rainwater system has a dedicated color, purple, for the pipe and any devices connected to the system. Many states require purple piping to be used for water-reuse systems, which includes rainwater. The plumbing code requires purple piping for rainwater systems inside of the building. The purple color is only a dye added to color the piping, or a purple stripe is added and doesn't affect the manufacturing or installation standards. Fire sprinkler systems connected to rainwater systems would not be required to have purple piping for several reasons. First, the plumbing code does not apply to fire sprinkler systems. Second, NFPA 13 has permitted rainwater and melted snow collected in lakes, ponds, rivers and reservoirs to be used in fire sprinkler systems for years, as one of the approved sources of water. Third, fire sprinkler systems require the piping to meet particular specifications or be listed. It is typical for these pipes to be painted red for corrosion resistance or by requirement of other standards, such as OSHA or business management standards like ISO.

The last concern of using rainwater for fire sprinkler systems is water quality. The 2013 edition of NFPA 13 has several specific sections that concern water quality. First, recycled or reclaimed water is specifically permitted by Section 24.2.1. This new section was added in 2013 to



Purple pipe.jpg "Courtesy Mike Cudahy"



Purple pipe 2.jpg "Courtesy ReUze® made with FlowGuard Gold® CPVC"

provide architects the ability to use processed (or unprocessed) water systems for buildings to meet green building codes and standards. When rainwater systems are used, the water quality is required to be investigated, treated and monitored by the building owner. This ensures that the rainwater is compatible with the fire sprinkler appurtenances and piping and also for unusual corrosive properties. The collection surfaces, such as parking lots and lawn runoff, are permitted in rainwater guidelines and standards to be used for fire protection. Section 24.1.5 of NFPA 13 is the safeguard in place to protect the system from having water that could

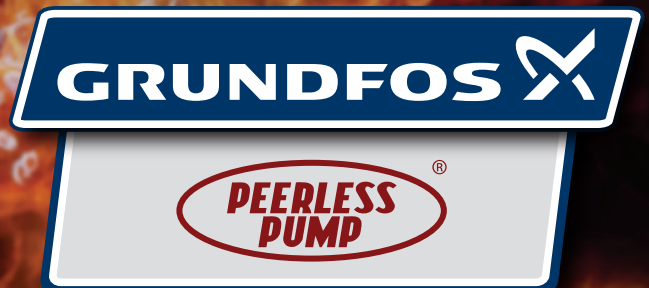
contain petrochemicals, combustible liquids or fertilizers. This section ties in with the Owner's Certificate in Section 4.3 to notify the fire sprinkler layout technician, or fire protection engineer, to provide the appropriate treatment for the installation.

In conclusion, rainwater used in fire sprinkler systems is not new. What is new, are the numerous standards and guidelines available that standardize the use of rainwater for other uses. These standards may have some overlap, but should not overrule the well established fire sprinkler standards. Fire sprinkler systems are extremely adaptable and can use water from several reliable sources. ①

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Phone: 708.339.2124
Website: www.alliedtube-sprinkler.com
Email: ekurasz@atkore.com

Founded:
1959

Primary Products/Services:
XL®BLT®, Dyna-Flow®, Dyna-Thread®, Schedule 10/Schedule 40

Market Area:
National

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

Management:
John P. Williamson – President and CEO
Ed Kurasz – Executive Vice President – Sales
Bob Pereira – President, AFC Cable
Steve Elsdon – President, Unistrut International

Sales Contact:
Mark Marcossou – Field Sales Manager–Sprinkler
Email: mmarcossou@atkore.com

Company Profile:
Allied Tube & Conduit, a part of Atkore International is a leading producer of steel sprinkler pipe in North America and offers a complete line of sprinkler pipe products. From Dyna-Flow, XL/BLT and Dyna-Thread to Schedules 10 and 40, Allied Tube & Conduit has the sprinkler pipe product for your next project. We are dedicated to producing innovative products that meet the changing needs of our industry. Our focus is on the fire protection project and the best fit for sprinkler pipe solutions.

American AVK Company

2155 Meridian Boulevard
Minden, Nevada 89423
Phone: 775.552.1400
FAX: 775.783.1031
Email: roe.dr@avkus.com
Website: 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
Michael Chambon, Director, Business Development

Sales Contact:
David Roe, Business Unit Mgr, Fire Protection
Tel: 775.552.1430

Email:
roe.dr@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 located 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.

Amtrol, Inc.

1400 Division Road
West Warwick, Rhode Island 02893
Phone: 401.884.6300
Fax: 401.884.5276

Management:
Wolfgang Neumann, Product Manager

Anvil International

2 Holland Way
Exeter, NH 03833
P: 603-418-2828
F: 603-418-2833
T: 800-301-2701
Website: www.anvilintl.com

Founded:
1850

Primary Products/Services:
Grooved couplings, fittings, valves, pipe hangers, supports, seamless pipe nipples malleable, cast iron and forged steel fittings

Market Area:
International

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

Management:

Mitch Bevill, Director of Sales-East
Brian Reef, Director of Sales, West
Phil Schechinger, V.P. International & Fire Products

Sales Contact:
Debi Skyberg, National Inside Sales Manager
Tel: 708.885.3000
Fax: 708.534.5441

Company Profile:

Anvil offers a complete line of grooved couplings, fittings and valves that deliver cost savings at installation and long-lasting performance. Anvil is also the market leader with a complete selection of pipe hangers, supports and seamless pipe nipples, as well as malleable, cast iron and forged steel fittings. As innovators of pipe fabrication our NAP brand manufactures fabrication equipment to include automatic welders, plasma cut-off and hole cutting equipment, make-on machines and pipe threaders. Anvil International: Building Connections That Last.

APEX Pumping Equipment, Inc.

720 Heartland Drive, Unit P
Sugar Grove, Illinois 60554
Toll Free: 866.563.2739
FAX: 630.466.4499
Website: www.262apex.com

Founded:
1996

Primary Products/Services:
Fire Pumps and related equipment and repairs

Market Area:
Upper Midwest

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

Management:
Brad Clemmons, President
Vince Rodriguez, Vice President & Service Manager
Steve Holzkopf, Office Manager

Sales Contact:
Steve Holzkopf
email: steve@262apex.com

Company Profile:
Established in 1996, we have grown to represent many of the products found in the fire pump room, like backflow devices to air release valves to fire water storage towers and tanks above and below, not to mention our original focus of fire pumps and repairs. We have grown to include Illinois, Iowa, Minnesota, Wisconsin and Indiana for many of our products. "We Supply Solutions" for your simple fix to complex, difficult issues. With over 200 years of experience, we have seen it all! Perhaps you have a new challenge for us!

Apollo Valves/Conbraco Industries

PO Box 247
 Matthews, North Carolina 28106
 Phone: 704.841.6000
 FAX: 704.841.6021

Primary Products/Services:

Flow Controls-Ball Valves, Backflow Preventers

Market Area:

Worldwide

Hours of Operation:

7:30 a.m.-5:30 p.m. EST, Mon.-Fri.

Management:

Pete Chapman, General Manager,
 Backflow Prevention

Cal Mosack, Executive Vice President,
 Sales & Marketing

John Wells, Director, Sales Administration

Sean Perry, Technical Sales Manager

Sales Contact:

Pete Chapman, General Manager,
 Backflow Prevention
 Phone: 704.841.6066

Company Profile:

Apollo Valves/Conbraco Industries – Employing 1,200 people to manufacture and market MADE IN AMERICA valve products. Featuring UL/FM Backflow Preventers, UL Ball Valves, UL 300# pressure and relief controls. Introducing the new Stainless Steel 4A / 4An DC, DCDA, RPZ, and RPDA assemblies in 2 ½”-8” sizes, featuring light weight SS, short lay lengths, vertical & horizontal approvals, low flat pressure loss performance with mix/match grooved butterfly, or OS&Y, or Post Indicator shutoffs for ease of installation in any fire protection application, and the new UL/FM approved carbon and stainless steel Apollo XPress for Fire Protection Systems.

ARGCO

5816 Dryden Place, Suite 101
 Carlsbad, CA 92008
 Phone: 760.727.1644
 Toll-Free: 800.854.1015
 FAX: 760.727.3270
 Website: www.argco.com

Founded:

1981

Primary Products/Services:

Fire Sprinkler Specialties, Fire Equipment, Piping Tools, Thread Sealants, Hangers & Fasteners, Pipe Joining

Market Area:

International

Hours of Operation:

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

Management:

Tom Tallman, General Manager
 Frank Bishop, Sales Manager
 Lawrence Kent, Sales
 Buck Eilers, Sales
 Woody Witwer, Sales

Sales Contact:

Tom Tallman, Gen. Mgr.
 Phone: 800.854.1015
 FAX: 760.727.3270

Company Profile:

ARGCO has been supplying the fire sprinkler industry since 1981. Starting with hard-to-find escutcheons and wall plates, ARGCO continues to expand its line. Top selling pipe thread sealants, a full line of hangers and fasteners, ARGCO's own piping tools and replacement parts, fire protection valves, grooved couplings and fittings as well as Ductile and Cast Iron fittings.

Atlantic American

Fire Equipment Company
 121 Titus Avenue
 Warrington, Pennsylvania 18976
 Toll-Free: 800.247.1128
 FAX: 215.491.7395
 Website: www.atlanticamerican.com

Founded:

1985

Primary Products/Services:

Fire Protection Products

Market Area:

Maine to North Carolina

Hours of Operation:

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

Management:

Paul DeCamara, Sr. President
 Patrick Roche, Vice President
 Robert MacGeorge, V.P., Operations
 John Beck, Steel Pipe Division Manager

Sales Contact:

Bill Devlin, Sales Manager

Company Profile:

Atlantic American Fire Equipment Company is a leading wholesale material supplier to the fire protection industry. We provide top quality products at very competitive prices to commercial and residential fire sprinkler contractors throughout the Mid-Atlantic and Northeast regions of the U.S. The company was founded by Paul DeCamera and Patrick Roche in 1985, based on a vision of providing quality products and service to our customers. Since then, we have grown by adding five warehouses strategically located throughout a 13-state region, allowing us

to take our service to an even higher level. Our plans include adding more warehouses to support the demand for our products and services. We insist upon well-stocked inventories resulting in excellent fill rates, making us your one stop shop for the best sprinkler system components available on the market today.

AutoSPRINK (Div. of M.E.P. CAD, Inc.)

431 Eastgate Road
 3rd Floor
 Henderson, Nevada 89011
 Phone: 877.418.8526
 FAX: 702.566.0598
 Website: www.autosprink.com

Founded:

1997

Primary Products/Services:

3D Sprinkler Design Software

Market Area:

National and International

Hours of Operation:

6:00 a.m.-5 p.m. PST, Mon.-Fri.

Management:

Kevin Maddux, President
 Adam Bonaldi, V.P., Business Development
 Paul Basherian, V.P.

Sales Contact:

Danielle Pena-Spencer,
 Sales Administrative Assistant
 Tel: 877.418.8526 x301
 FAX: 702.566.0598
 Email: danielle@mepcad.com

Company Profile:

AutroSPRINK is the most user-friendly, true 3D and BIM compliant fire sprinkler design program available today. It does not require Revit or AutoCAD training. Its simple windows-based format is so intuitive, new users can design, do hydraulic calculations and stock list a complete project after only one week of training.



Backflow Direct

3290 Monier Circle, Ste 300
 Rancho Cordova, CA 95742
 Tel: 916.760.4524

Email: sales@backflowdirect.com
 Website: www.backflowdirect.com

Founded:
 2012

Primary Products/Services:
 Stainless Steel Backflow Preventers
 & Butterfly Valves

Market Area:
 U.S.A.

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

Management:
 Doug Powell, CEO
 Kent Powell, CFO

Sales Contact:
 Brad Scott, Dir. of Sales & Mktg
 Tel: 916.760.4524
 Email: brad@backflowdirect.com

Company Profile:
 Backflow Direct was established in 2012 to design and manufacture a revolutionary backflow prevention product line it would later call the Deringer. The Deringer product line is now the smallest, lightest, most economical, best-performing and only all-stainless steel backflow prevention valve...and yes it is built in the USA. Backflow Direct was founded by the Powell family, previous owners of Ames Company and Hunter Innovations, creators of the Silver Bullet, Colt and Maxim backflow prevention product line. This ownership, for more than 35 years, has been responsible for the introduction of every major design and marketing advancement in the backflow industry. Such advancements include single-body housing, fabricated valve housing, stainless steel construction, large diameter single-access port, differentially loaded check, independent check module, butterfly shut off valve, always resulting in shorter, lighter and better performing products. Backflow Direct is introducing the Deringer line with a radical and game-changing marketing strategy; selling our products directly to contractors, installers and testers... our customers.

**BlazeMaster® Fire Sprinkler Systems
 — Lubrizol**

9911 Brecksville Road
 Cleveland, Ohio 44141
 Phone: 216.447.5000
 Toll-Free: 888.234.2436
 FAX: 216.447.5750
 Website: www.blazemaster.com

Founded:
 1984/Lubrizol founded 1928

Primary Products/Services:
 BlazeMaster® Fire Sprinkler Systems

Management:
 Mark Knurek, Regional Market Manager
 Amanda Rae, Marketing Specialist
 Connect with us @LZ_CPVC
www.blazemaster.com

Company Profile:
 BlazeMaster® Fire Sprinkler Systems have a proven history of performance as a cost effective alternative to metal piping systems featuring fast, easy installations, superior corrosion resistance and low flame and smoke characteristics. Since the product was introduced in 1984, more than one billion feet of BlazeMaster® pipe have been installed in more than 60 countries, making it the most specified non-metallic fire sprinkler system in the world. BlazeMaster® pipe and fittings are accepted for use in all three major model codes and meet National Fire Protection Association NFPA 13, 13D and 13R sprinkler standards.



BuildingReports
 1325 Satellite Blvd. Ste 1607
 Suwanee, Georgia 30024
 Tel: 770.495.1993
 FAX: 770.495.9331
 Website: www.buildingreports.com

Founded:
 1999

Primary Products/Services:
 Inspection and compliance reporting software

Market Area:
 Worldwide

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

Management:
 Brett Brewster, CEO & Co-Founder
 Jason Kronz, CTO & Co-Founder
 Dwight Wills, V.P., Sales & Marketing
 Chris Dispain, V.P. Member Services

Sales Contact:
 Dwight Wills, V.P., Sales & Marketing
 Tel: 770.495.1993 x304
 FAX: 770.495.9331
 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' mobile and online

inspection reporting tools enable inspectors to quickly gather data on fire and life safety devices to ensure they are working properly and meet code requirements or identify actions needed to meet compliance through easily verifiable inspection reports. With more than 120 million inspected devices to date, over 400,000 buildings represented and over 650 inspection companies in its network, BuildingReports has earned its reputation as the trusted name in compliance reporting.

Chemguard, Inc.

204 South 6th Avenue
 Mansfield, Texas 76063
 Telephone: 817.473.9964
 Toll Free: 800.222.3710
 FAX: 817.473.6590

Founded:
 1987

Primary Products/Services:
 Manufacturer of fire suppression foam concentrates and fire suppression systems.

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

Management:
 Roger Bower, President
 Twana Connors, Senior Vice President
 John Vieweger, VP, Sales and Marketing

Sales Contact:
 John Vieweger, VP Sales & Marketing
 Telephone: 817.473.9964
 FAX: 817.473.6590

Company Profile:
 ISO 9001:2000 certified, Chemguard manufactures UL and FM approved fire — suppression foam concentrates, fire-fighting hardware and engineered foam systems for industrial, military, municipal, offshore, petrochemical/energy, transportation/freight and aircraft hangar applications around the world. Our extensive line of high-quality, durable and field-proven fire-fighting hardware includes fixed systems, self-contained foam units and large dry chemical skid units. We custom engineered trailer- and skid-mounted foam systems, self-contained foam units and large dry chemical skid units. We utilize global blending facilities to ship orders quickly-including emergency foam concentrate requests. Customer support includes laboratory analysis, live fire testing, technical application and design assistance and custom training on or off site

DEFINING INNOVATION *since* 1919



**FIRELOCK™ FIRE-PAC
SERIES 745**
Dry, Deluge, Preaction
Compact,
Simplified Solutions

victaulicfire.com



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Chicago Backflow, Inc. aka CB Marketing

12607 S. Laramie Avenue
Alsip, Illinois 60803
Phone: 708.389.5600
Email: dsmith@backflow.com
FAX: 708.389.5632
Website: 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:
Donald J. Smith, President
Michael D. Eisenhauer, Vice President
Sales Contact: Katie Rager, 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.



CB Marketing, Inc. (A CBI Company)

12559 South Laramie Avenue
Alsip, Illinois 60803
Phone: 708.202.0033
FAX: 708.385.5415
Website: www.cbmarketing.com

Primary Products/Services:
Mfg of 13D pumps and Mfg Representatives of specialty products for fire protection

Market Area:
Nationally for 13D Pump Systems

Hours of Operation:
8:00 a.m.-4:30 p.m. Mon.-Fri.,
24/7 emergency service

Management:
Donald J. Smith, President,
Michael Eisenhauer, Vice President
Barb Jonas, Product Manager.
Nick Smith, Sales Representative

Sales Contact:
Sales/Quote Contact: Barb Jonas or Nick Smith
New Product Opportunities: Donald J. Smith
Phone: 708.202.0033
FAX: 708.385.5415

Company Profile:
CBM designs and manufactures Legend 13D pumps and serves as a manufacturers' rep and service organization for Patterson Fire Pumps, Fire Pump Controls (Master and Others), Steel Water Storage Tanks, pressure vessels and polypropylene 13D tanks, The CBM group also handles fire pump control replacements and repairs. CBM specializes in new product launches and market recaptures for the principals we represent.

Clarke Fire Protection Products, Inc.

3133 East Kemper Road
Cincinnati, Ohio 45241
Phone: 513.719.2307
Website: www.clarkefire.com
Email: jstrousse@clarkefire.com

Founded:
1964

Primary Products/Services:
Diesel Engine Fire Pump Drivers

Market Area:
Global

Hours of Operation: 24/7

Management:
Dane Petrie - President and CEO
John Whitney - Senior Vice President
Justin Strousse - Director of Global Sales
Ken Wauligman - Engineering Manager
Dave Scholten - Customer Support Manager
Brandon Cushman - Production Mgr.

Sales Contact:
Mike Mathes , Market Development and US Dealer Support
Email: mmathes@clarkefire.com

Company Profile:
Clarke Fire Protection Products is the global leader in the manufacture of UL/FM diesel fire pump drivers, meeting NFPA20 and country-specific requirements. Products include the pressure-limiting driver (PLD) and Tier 3 EPA-certified engines. Manufacturing locations are Cincinnati, Ohio and Coatbridge, Scotland.

Thank you for considering us for your fire protection needs and if you would like any additional information, please visit our website at www.clarkefire.com. Thank you!

Complete Pump Service Co., Inc.

461 South Irmen Drive
Addison, Illinois 60101
Phone: 630.628.1600
FAX: 630.628.1709
Website: www.completepump.com

Founded:
1964

Primary Products/Services:
Fire Pump Testing/Service on all Water Application Pumps

Hours of Operation:
7:00 a.m.-4:30 p.m. w/ 24 hr. emergency service
Management:

Richard D. Ficarra, Jr., President
Laura Ficarra Allen, Treasurer

Sales Contact:
Rich Ficarra, President
Phone: 630.628.1600 ext. 107
FAX: 630.628.1709

Company Profile:
Complete Pump Service Company offers 24 hour emergency service and experienced repair of all makes of water application pumps. Complete Pump performs annual fire pump testing. They are authorized representatives for Talco Residential Fire Pumps and also sell fire pump accessories. Complete Pump Service Company's success is based on good, honest service.

Croker Division

Fire-End and Croker Corporation
7 Westchester Plaza
Elmsford, New York 10523
Phone: 914.592.3640
Toll Free: 800.729.3473
FAX: 914.592.3892
Website: www.croker.com
Email: info@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:
Paul Sposato, President

Douglas Loew, VP Export Sales
Peter Levine, Sales Coordinator

Sales Contact:

Peter E. Levine, Sales Coordinator

Company Profile:

For over 100 years, Croker has manufactured and supplied the highest quality Fire Hose 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 comprehensive specification and purchasing reference guide second to none. Our main warehouse is located in Elmsford, New York. We maintain inventory in Dallas, Texas; Detroit, Michigan; Miami, Florida; Cleveland and Cincinnati, Ohio; Fountain Valley, California; Louisville, Kentucky; Ashland, Virginia and Wilmington, Delaware.

The Croker product line includes Hose Valves, Pressure Regulating Valves (Pilot, Field Adjustable and Factory Set), Fire Department Connections (Flush, Exposed, Freestanding and Storz), Fire Pump Test Connections, Roof Manifolds, Rack & Reel Assemblies, Cabinets, Extinguishers, Nozzles, Adapters, Inspection & Testing Equipment and much more. New Products include a complete Grooved Coupling Line, High Pressure FDCs & UL Listed Storz Connections. Because our equipment is critical for the protection of lives and property, we are continually striving to maintain and improve product quality year after year. This has been our mission since 1911. Choose Croker for the finest quality products, competitive pricing and exceptional service.

BRANCH OFFICE AND REGIONAL WAREHOUSES:

Croker Texas

1110 South Airport Circle-Suite 110
Euless, Texas 76040
Phone: 817.354.9900
Toll Free: 877.354.9905
FAX: 817.545.0055
Max Lombard, Regional Sales Manager
Jake Lombard, Warehouse Manager

Croker Ohio

4690P Interstate Drive
Cincinnati, Ohio 45246
Phone: 513.870.0517
FAX: 513.870.0363
Bob Orth, Regional Sales Manager
Jerry Hutchinson, Warehouse Manager

Croker Florida

13605 SW 149th Ave, Suite 6
Miami, Florida 33196
Phone: 954.423.8820
Leon Benlolo, Regional Sales Manager

Croker California

18436 Bandilier Circle
Fountain Valley, California 92708
Toll Free: 888.773.3473
FAX: 888.713.3473
Gary Moe, Regional Sales Manager



CST Storage

903 E 104th Street
Suite 900
Kansas City, Missouri 64131
Phone: 913.621.3700
FAX: 913.621.2145
Website: www.cst-storage.com

Founded:

1893

Primary Products/Services:

Fire Protection Storage Tanks

Market Area:

Global

Hours of Operation:

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

Management:

Rick Wiedemann, V.P. Sales & Mktg.
Weston Opat, Central Reg. Sales Mgr.
Sales Contact: Weston Opat
Telephone: 913.535.4168
email: wopat@cst-storage.com

Company Profile:

CST is the leading provider of factory-coated fire protection water tanks. With over 250,000 liquid storage tanks in over 120 countries since 1893, we have the experience, products and engineering to meet our customer's needs. CST's factory applied proprietary coating technologies are the best in the business and have been field proven for more than 50 years. CST is the leading provider of factory-coated fire protection water tanks. CST's factory applied proprietary coating technologies are the best in the business and have been field proven for more than 50 years. CST leading brands; Aquastore, HydroTec and Columbian TecTank, meet or exceed NFPA 22, FM, LPS, AWWA, USACOE and other industry standards and are manufactured in ISO 9001:2008 certified facilities.

Decoshield Systems, Inc.

272 SW 12th Ave.
Deerfield Beach, Florida 33442
Phone: 800.873.0894
Fax: 800.585.3894
Email: info@decoshield.com
Website: www.decoshield.com

Management:

Linda Camm, President

Company Profile:

The DecoShield® Systems can be used in new construction or in existing buildings to cover unsightly piping, cables, conduits, etc.

Our experience and total dedication to the fire sprinkler retrofit industry has equipped us to help you in many ways... Not only by providing you with a UL - Listed premier, modular cover/support system, but also by helping you with design, installation and anchoring problems.

Our reputation for quality and service has been instrumental in making us the number one supplier to the sprinkler retrofit industry, and we are well on our way to becoming the system of choice for covering plumbing piping, mechanical lines, wire, cable, and medical tubing.

Take a look at our product line and you will see why DecoShield® is, indeed, "The Creative Cover".

To receive our full product catalogue and samples, fill out our "Request Information" page or give us a call at (800) 873-0894.

W.S. Darley & Company

325 Spring Lake Drive
Itasca, Illinois 60143
Phone: 630.735.3538
Website: www.darley.com

Founded:

1908

Primary Products/Services:

Fire and Emergency Services

Market Area:

International

Hours of Operation:

8:00 a.m.—4:30 p.m.

Management:

Paul Darley, CEO
Jeremy Taylor, Chief Engineer
Kevin Sofen, Business Development
Sales Contact: Kevin Sofen
Email: kevinsofen@darley.com

Company Profile:

A family owned company involved with the fire industry since 1908. Our entire company is committed to customer satisfaction. We are

dedicated to excellence and offer a diverse line of quality products and services through progressive design, manufacturing and distribution. Darley is expanding into the residential fire sprinkler market and our new Self Testing Fire Sprinkler System will create the new standard for residential fire pumps.

Eaton's B-Line Business

509 W. Monroe St.
Highland, Illinois 62249
Phone: 800.851.7415

Engineered Corrosion Solutions

2043 Woodland Pkwy Suite 301
St. Louis, Missouri 63146
Phone: 314.432.1377
Website: <http://ecscorrosion.com>
Contact: Lucas Kirm

ERICO

34600 Solon Road
Solon, Ohio 44139
Phone: 440.542.3864
Toll Free: 800.813.3378
FAX: 440.542.6948

Company Profile:

ERICO is a leading global designer, manufacturer and marketer of precision-engineered specialty metal products serving niche markets in a diverse range of electrical, construction, utility and rail applications. The company is headquartered in Solon, Ohio with a network of sales locations serving more than 25 countries and with manufacturing and distribution facilities worldwide. ERICO manufactures a complete range of hangers, seismic braces and restraints for fire sprinkler installation.

Ferguson Fire & Fabrication

Corporate Headquarters
800 South 4th Avenue
Mansfield, Texas 76063
Phone: (817) 276-7060
Fax: (817) 473-3059
Website: www.fergusonfire.com

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
District Manager – Fire Protection

Company Profile:

Ferguson Fire and Fabrication supplies the highest quality fire protection products in 27 states from 56 warehouse facilities dedicated to the fire sprinkler contractor. 27 of these facilities also have fabrication capabilities. Of these 27 fabrication facilities, 9 are ISO 9001:2008 CERTIFIED. These ISO 9001:2008 CERTIFIED locations are in Alabama, Arizona, Colorado, Maryland, Missouri, Pennsylvania, Texas and Washington. Ferguson Fire and Fabrication has and is continuing to grow their business and reputation on performing.

"Total Performance" is assured in the areas of product selection, fast and efficient shop and / or jobsite deliveries, job based or shop accounting and the most comprehensive inventory in the industry. We also do Special Hazards and fabrication. People make the difference at Ferguson Fire and Fabrication. This team of associates enthusiastically uses its experience to make sure each warehouse location operates in the best interest of the customer and the needs of that local market. This network of industry seasoned professionals makes total use of their combined talents to ensure the contractor the best possible results. Contractors can use the warehouse most convenient to the job with confidence that the people and products are the same high quality, all with centralized accounting. "Total Performance" in people, products, systems, market knowledge, delivery, accounting and comprehensive inventories is how our business was built.

Fire Protection Products, Inc.

3198 Lionshead Avenue
Carlsbad, California 92010
Phone: 760.599.1168
Toll-Free: 800.344.1822
FAX: 800.344.3775
Website: www.fppi.com

Founded:

1989

Primary Products/Services:

Fire Sprinkler Accessories

Market Area:

Worldwide

Hours of Operation:

6:00 a.m. – 4:00 p.m. PST Mon.-Fri.

Management:

Randy Greenslate, President

Sales Contact:

Customer Service
Phone: 800.344.1822
FAX: 760.931.8080

Company Profile:

Fire Protection Products, Inc. (FPPI) supplies fire sprinkler accessories to manufacturers, distributors and fabricators. The company's focus is on being the premier provider of fire sprinkler accessory products with the highest levels of product quality and customer service. FPPI offers escutcheons, signs and sprinkler accessories, sealants and lubricants, gaskets and gasket kits, hangers & fasteners, valves, rack hose, hose valves and accessories, miscellaneous brass, fire department connections and accessories and pressure gauges and accessories. Insist on FPPI.

Fire Technologies Corp.

7442 NW 55th St
Miami, Florida 33166
Phone: 305.592.1914
Contact: Juan Carlos Guilbe



FlexHead Industries, Inc.

56 Lowland Street
Holliston, Massachusetts 01746
Phone: 508.893.9596
Toll-Free: 800.829.6975
FAX: 508.893.6020
Website: www.flexhead.com

Founded:

1991

Primary Products/Services:

Flexible Sprinkler Connections

Hours of Operation:

8:30 a.m. - 5:00 p.m. Mon.-Fri.

Management:

Stephen Mitchell, General Manager
Mike Dooley, Vice President of Sales
Jennifer Costello, Customer Service Manager

Company Profile:

FlexHead Industries manufactures a complete line of one piece flexible sprinkler connections for suspended ceilings in commercial buildings, clean room environments, institutional applications and industrial exhaust ductwork. These systems are FM approved, UL2443 listed and have been used in industry for over 35 years. These products dramatically reduce installation time and

maintenance costs and promote overall facility safety by allowing rapid inspection, maintenance and relocation of sprinklers.

FormLink Systems

Fishers, Indiana 46040-9401
 Phone: 317.735.3345
 FAX: 317-735-3342
 Website: www.formlinksystems.com
 Email: sales@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 today. Our NFPA and NFSA form licensing means you can continue to use the forms you know and trust. We can even create custom forms for your company. Get better software and exceptional customer service, all with less hassle. Partner with FormLink Systems today.

Fox Sprinkler Supply Corporation

951 Estes Court
 Schaumburg, Illinois 60193
 Phone: 847.524.8250
 FAX: 847.524.8262
 Website: www.foxsprinkler.com

Founded:
 2000

Primary Products/Services:

Distribution/Fabrication
 Market Area: Illinois, Indiana, Iowa, Wisconsin, Minnesota, North & South Dakota

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.
 Sat 8:00 a.m.-12:00 p.m.

Management:

Scott Sandfox, President
 Daniel Sandfox, Secretary of Corporation
 Dan Rossol, Operations Mgr.

Sales Contact:

Danielle Sandfox, Sales Mgr.

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 experience in the fire sprinkler industry.

GECCO, Inc.

23 Baker Drive
 Factoryville, Pennsylvania 18419
 Phone: 570.945.3568
 Fax: 570.945.9542
 Website: www.dropmaster.co
 Email: geccoinc@epix.net

Founded:
 2002

Primary Products/Services:

Dropmaster DM12 and the GDM-300 Power Drive Cart

Market Area:

Worldwide

Hours of Operation:

7:00 a.m. - 3:30 p.m. EST

Management:

Oma Clum, Owner
 Gerald Clum, President

Sales Contact:

Chris Von Ahnen, Director of Sales and Marketing
 email: chris@dropmaster.com

Gem Sprinkler Company

1524 Astoria Dr.
 Allen, Texas 75013
 Phone: 813.672.2017

General Air Products, Inc.

118 Summit Drive
 Exton, Pennsylvania 19341
 Phone: 610.524.8950
 Toll Free: 800.345.8207
 FAX: 610.524.8965
 Website: www.generalairproducts.com

Founded:
 1936

Primary Products/Services:

Air compressors /13D Pump 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, President
 Raymond R. DeCecco, Mgr., Customer Service
 Raymond M. Fremont Jr., Marketing Manager

Sales Contact:

Raymond R. DeCecco, Manager -
 Customer Service

Profile:

General Air Products, Inc. manufactures equipment for both residential and commercial fire protection. From our innovative residential fire protection pump and tank systems for NFPA 13D applications to our complete line of air compressors designed specifically for fire protection applications quality and reliability are as integral as the pumps and switches. We also provide unparalleled customer service before and more importantly, after the sale. Visit our website or give us a call for details, drawings and more!

Global Vision, Inc.

8730 Jefferson Hwy
 Osseo, Minnesota 55369
 Phone: 763.391.0990
 FAX: 763.391.7668
 Website: www.gviflow.com

Products/Services:

Global Vision provides only the highest quality Fire Pump Test Meters and accessories around the world. For all your FM Approved test meter needs, Global Vision is the right choice.

Management:

Charles Sutton, Pres/Owner

Globe Fire Sprinkler Corporation

4077 Air Park Drive
 Standish, Michigan 48658
 Phone: 989.846.4583
 Toll Free: 800.248.0278
 FAX: 989.846.9231
 Website: www.globesprinkler.com

Founded:
 1987

Primary Products/Services:

Manufacturers of sprinklers, valves, etc.

Market Area:

Worldwide

Hours of Operation:

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

Management:

Robert C. Worthington, Chairman & CEO
 Steven R. Worthington, President

Sales Contact:

Steven R. Worthington, President
 Phone: 989.846.4583
 FAX: 989.846.9231

Company Profile:

Globe Fire Sprinkler Corp. is an independent, privately owned company that strives to exceed customer expectations, offering top quality, competitive products and a high level of customer

service. Approximately 30% of Globe's net sales are to overseas customers. Globe continues to develop new products as the world market demands and is happy to state that its relationship with various approval authorities, such as Underwriters Laboratories, Inc., FM approvals and the Loss Prevention Certification Board UK is excellent. Globe has the LPCB UK certification for ISO 9000 series Quality Assurance, therefore exhibiting proof of the quality it continuously builds into each of its 100% factory-tested products.

Guardian Fire Equipment

3430 NW 38th Street
Miami, Florida 33142
Toll Free: 800.327.6584
FAX: 800.827.3869

Primary Products/Services:
Fire Standpipe Equipment

Market Area:
Worldwide

Management:
Richard H. Childress, President
Lisa C. Peterson, Vice President

Harvel Plastics, Inc.

PO Box 757
300 Keubler Rd.
Easton, Pennsylvania 18044-0757
Phone: 610.252.7355
FAX: 610.253.4436
Website: www.harvel.com
www.harvelfiresprinklerpipe.com

Founded:
1964

Primary Products/Services:
Manufacturers of PVC & CPVC Piping Products

Market Area:
National & International

Hours of Operation:
7 days/24 hrs.

Management:
Earl E. Wismer, Chairman, CEO
Patrick M. Foose, President/G.M.
Roy Burpee, National Sales Mgr., Fire Protection
William P. Weaver, Director, Technical Services

Sales Contact:
Roy Burpee, National Sales Manager,
Fire Protection
Phone: 610.252.7355
FAX: 610.253.4436

Company Profile:
Harvel Plastics, Inc., a high quality manufacturer

of thermoplastic piping products since 1964, is a pioneer producer of CPVC Fire Sprinkler Pipe. Many of the first UL tests performed to evaluate CBVC for fire sprinkler service were conducted on pipe manufactured by Harvel. Harvel CPVC piping products consistently meet the tough performance requirements for fire service as verified through on-going UL, FM and LCPR testing. Harvel's steadfast dedication to quality and unmatched manufacturing experience has earned the company the reputation of "The Quality Line"

HD Supply – Fire Protection

1830 Craig Park Court
St. Louis, Missouri 63146
Phone: 828.287.0416
FAX: 855.466.9320
Email: hank.evans@hdsupply.com
Website: www.hdsfireprotection.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:
Don Taylor, Regional V.P.
Hank Evans, Regional Dir. of Ops
Derek Allen, Pacific District Mgr.
Chris Eldredge, S.W. District Mgr.
Joe Horvath, No. Central District Mgr.
Will Leonhardt, S.E. District Mgr.
Joe Solomon, N.E. District Mgr.

Sales Contact:
Hank Evans, Regional Director of Operations
Email: hank.evans@hdsupply.com

Company Profile:
HD Supply – Fire Protection offers the 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.

HD Supply – Fire Protection

Phoenix, Arizona
1650 E Riverview Dr. #110
Phoenix, Arizona 85034
Phone: 602.256.0050
FAX: 602.256.7117

BRANCH LOCATIONS:

Hayward, California
2407 Industrial Parkway West Hayward,
California 94545
Phone: 510.441.1650
FAX: 510.785.5074

San Francisco, California
155 De Haro St.
San Francisco, California 94103
Phone: 415.431.8722/FAX: 415.431.8567

Sacramento, California
1120 Blumenfeld Drive
Sacramento, California 95815
Phone: 916.565.0466
FAX: 916.565.1852

Fresno, California
4710 E. Commerce Ave.
Fresno, California 93725
Phone: 559.441.7171
FAX: 559.441.7175

La Habra, California
751 E. Lambert Rd.
La Habra, California 90631
Phone: 562.690.8800
FAX: 562.690.1419

Lodi, California
1625 S. Stockton St.
Lodi, California 95240
Phone: 209.334.9768
FAX: 209.334.9773

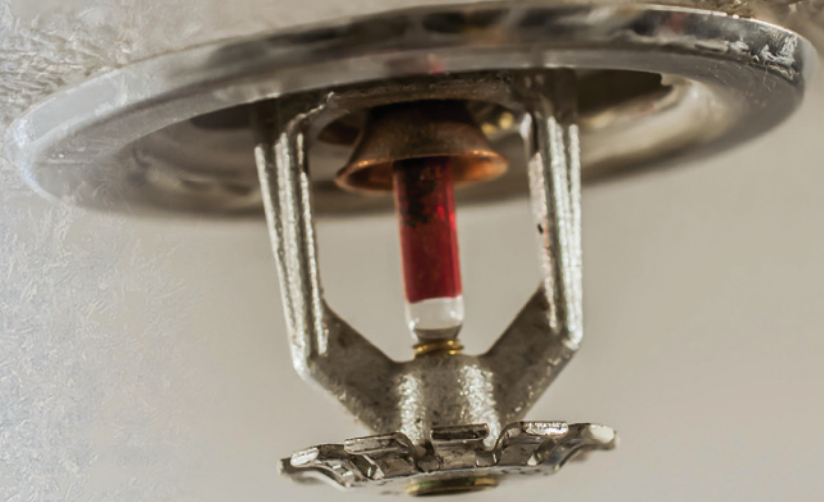
Fontana, California
15535 Arrow Route
Fontana, California 92335
Phone: 909.320.8599
FAX: 909.356.8599

Denver, Colorado
4735 Leyden St.
Denver, CO 80216
Phone: 303.305.4507
FAX: 720.941.4347

Tampa, Florida
1430 Massaro Blvd.
Tampa, Florida 33619
Phone: 813.620.9058
FAX: 813.626.691

Orlando, Florida
3655 Old Winter Garden Rd.
Orlando, Florida 32805
Phone: 407.299.2275
FAX: 407.298.5038

Palm Beach, Florida
1751 L Avenue
Riviera Beach, Florida 33404
Phone: 561.863.5600
FAX: 561.845.6120



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Miami, Florida
10810 NW 92nd Terrace Ste. 108
Miami, Florida 33178
Phone: 305.477.2383
FAX: 305.805.4923

Jacksonville, Florida
11310 Distribution Ave.
West Jacksonville, Florida 32256
Phone: 904.260.4705
FAX: 904.260.4644

Atlanta, Georgia
2157 Tucker Industrial Road
Tucker, Georgia 30084
Phone: 770.414.1212
FAX: 770.414.1883

Chicago, Illinois
5144 West 73rd St.
Bedford Park, Illinois 60638
Phone: 708.728.9793
FAX: 708.728.9826

Indianapolis, Indiana
8615 East 33rd St.
Indianapolis, Indiana 46226
Phone: 317.898.4879
FAX: 317.898.4868

Columbia, Maryland
9325 Snowden River Pkwy #C
Columbia, Maryland 21046
Phone: 410.290.8020
FAX: 410.290.8019

Charlotte, North Carolina
75 Odell School Rd. S
Concord, North Carolina 28027
Phone: 704.784.4700
FAX: 704.789.9288

Las Vegas, Nevada
4035 W. Oquendo Rd
Las Vegas, Nevada 89118
Phone: 702.382.0331
FAX: 702.382.0671

Boston, Massachusetts
1123 Pearl St.
Brockton, MA 02301
Phone: 508.894.0130
FAX: 508.894.0139

Cincinnati, Ohio
4325 Mulhauser Rd., Ste. 6
Fairfield, OH 45014
Phone: 513.642.7005
FAX: 513.860.1245

Portland, Oregon
12670 SW Levetan Dr.
Tualatin, OR 97062
Phone: 503.404.2650
FAX: 503.691.6001

Memphis, Tennessee
3634 Cherry Rd.
Memphis, TN 38118
Phone: 901.745.3106
FAX: 901.370.6920

Dallas, Texas
1975 California Crossing Rd.
Dallas, TX 75220
Phone: 972.830.9370
FAX: 972.830.9385
Houston, Texas

5823 Thomas Rd.
Houston, TX 77041
Phone: 713.937.4568
FAX: 713.937.0493
San Antonio, Texas

12050 Crownpoint Dr., Ste. 100
San Antonio, TX 78233
Phone: 713.937.4568
FAX: 210.637.6682
Richmond, Virginia

738 Goodes St.
Richmond, VA 23224
Phone: 804.232.2003
FAX: 804.232.1255
Salt Lake City, Utah

275 West 2855 South
Salt Lake City, UT 84115
Phone: 385.419.3950
Seattle, Washington

10013 MLK Jr. Way So.
Seattle, WA 98178
Phone: 206.722.9475
FAX: 206.722.9477

The Heller Strainer Company

3249 E. 80th St.
Cleveland, Ohio 44104
Phone: 216.206.4200
FAX: 216.206.4242
Website: www.hellarstrainer.com
Contact: Clarkson C. Wormer

Hilti, Inc.

5400 S 122nd East Avenue
Tulsa, Oklahoma 74146-6007
Phone: 800.879.6000

HRS Systems, Inc.

208 Southside Square
Petersburg, Tennessee 37144
Phone: 931.659.9760
FAX: 931.659.9763
Website: www.hrssystem.com

Primary Products/Services:
Fire Protection Engineering Software

Management:
Hal R. Sanders, P.E., President
H. Asa Tuten, Jr., General Manager

Marketing Area:
Worldwide

Company Profile:
HRS Systems, Inc. is a dynamic fire protection engineering software development and marketing entity. Our goal is to provide fire protection engineering software – second to none – worldwide. Accuracy of calculations and results are paramount, with ease of data entry and attention to user comments and suggestions ranking a close second. Annual updates, at no extra charge, often introduce new features; the JOB COST ESTIMATOR is now included in both HASS® and COOSA® (below) as utilities.

- HRS Systems, Inc. presents:
- HASS® for hydraulic analysis of sprinkler systems
 - JOB COST ESTIMATOR for cost estimating
 - HASS HOUSE® for residential sprinkler analysis
 - COOSA® for CO2 system analysis.

All are Windows-Based (32 & 64 bit) and available in both English and metric Units plus metric units/Spanish text.
For further information, please e-mail hass@hrssystem.com.



Huguenot Laboratories, Inc

101 Riverdale Road
Port Jervis, New York 12771
Toll Free: 800.228.3793
FAX: 845.858.8821

Founded:
1998

Primary Products/Services:
Fire Protection Corrosion Solutions

Market Area:

North America, South America, New Zealand, Australia

Hours of Operation:

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

Management:

Tim O'Leary, President

Sales Contact:

Tim O'Leary, President

Company Profile:

Huguenot Laboratories, Inc. is the leader in providing Microbiological Influenced Corrosion analysis testing to identify and provide mitigation options to address corrosion problems in wet and dry fire sprinkler systems. Huguenot Laboratories has a full suite of portable and permanent Chemical Injection Systems, Wet System Air Release Systems, Corrosion Monitoring Stations, test kits and nitrogen generation equipment to address all of your fire sprinkler corrosion management requirements. Huguenot Laboratories patent pending dry gas inhibitor technology is the industry's first new technology for dry and preaction systems that allows for a complete corrosion management solution for the treatment of the air source. This new technology out-performs nitrogen and is a fraction of the cost of nitrogen equipment. Please call us at 800.228.3793.

Hydratec, Inc.

64 Haverhill Road Windham
New Hampshire 03087
Phone: 603.434.0502
FAX: 603.434.1348
Website: www.hydracad.com

Founded:

1972

Primary Products/Services:

Fire Protection Design Software & Service

Market Area:

Worldwide

Hours of Operation:

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

Management:

Alan Johnston, President
Stephen Downing, General Manager
Paul McKenna, Customer Support Manager
Bill McKenna, Design Manager

Sales Contact:

Art Dove, CAD Development Manager

Company Profile:

Hydratec has been providing quality software and design services for 40 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 v51/52 for system design, HydraLIST for fabrication reports, HydraCALC for pipe sizing, HydraCALC-Sizer for pipe size estimating, HydraBID for price estimating and HydraCAD-R for NFPA 13-D Systems. These packages can be used separately, or as an integrated set to provide the best possible AutoCAD-based solution for 2D and 3D design, BIM, Navisworks coordination and true REVIT content integration.

Hydro Flow Products, Inc.

1330 Ensell Rd
Lake Zurich, IL 60047
Phone: 847.434.0101
Toll Free: 888.202.9987
FAX: 847.434.0073
Website: www.hosemonster.com

Founded:

1996

Primary Products/Services:

Fire pump and fire flow test equipment

Market Area:

Global

Hours of Operation:

Mon.-Fri. 7:30 a.m.-5:00 p.m. CST

Management:

Fred Grenning, President

Sales Contact:

Michael, Lori

Company Profile:

We at Hydro Flow Products are dedicated to providing equipment that makes the tasks of fire pump testing and fire flow testing safe, accurate and simple.

ITW Commercial Construction/Buildex – SAMMY

1349 W Bryn Mawr Avenue
Itasca, Illinois 60143
Tel: 630.787.3211
Website: www.itwccna.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
Phone: 608.314.8710
Toll Free: 888.933.2248
FAX: 608.314.8712
Website: 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

Management:

Jack Grice, P.E., CEO
Allen Stowers, President
Nancy Knilans, Marketing Manager

Sales Contact:

Allen Stowers
Phone: 608-314-8710
E-mail: sales@jgius.com

Company Profile:

JG Innovations, Inc. is the #1 source for pipe concealment systems. Our Soffi-Steel® and Interlock™ Concealment Systems are made in the

USA, produced from A60/G90 galvanized steel and carry industry approvals and certifications in the US and Canada. Our full-line of products are custom fabricated in a variety of shapes and sizes to accommodate your individual enclosure requirements. Our unmatched customer service coupled with our staff of professional installers put our products above any competitive product being considered. We take pride in the system design and integrity and back our products with a 10-year limited warranty. We are confident that both you and your client will be fully satisfied.

KENNEDY VALVE/Division of McWane, Inc.

1021 E. Water Street
PO Box 931
Elmira, NY 14902
Phone: 607.734.2211
FAX: 607.734.3288

Founded:
1877

Primary Products/Services:
A variety of valve products that meet AWWA specifications.

Management:
John Chalk, Customer Service Manager

Knox Company

1601 West Deer Valley Road
Phoenix, Arizona 85027
Phone: 623.687.2300
Toll-Free: 800.552.5669
FAX: 623.687.2299
Website: www.knoxbox.com

Founded:
1975

Primary Products/Services:
Locking FDC Plugs and Caps

Market Area:
U.S. & Canada

Company Profile:
The Knox FDC Protection Program is a complete system that provides protection for both the intake and discharge sides of water based fire protection systems. Knox locking FDC products provide protection against thread damage and prevent debris from being lodged into uncovered connections. Locking products are available in a 1 1/2" and 2 1/2" male FDC plug, a 2 1/2" female SecureCap® and 4" and 5" StorzGuard®. Plugs and caps come standard with NH threads. Other thread sizes are available upon request. The Knox Key Wrench, controlled by the fire department, secures and operates all locking Knox FDC

products. For more information, visit www.knoxbox.com.

Long Island Pipe Supply, Inc.

586 Commercial Ave.
Garden City, New York 11530
Phone: 516.222.8008
FAX: 516.222.9234
Website: www.lipipe.com

Management:
Robert Moss, Owner

Company Profile:
Since 1975 Long Island Pipe Supply, Inc., owner Robert Moss has been driven to be the premier supplier of fire sprinkler pipes, valves, fittings, devices and accessories. Growth did not come easy.

"Building a fabrication and supply business takes years," Moss explains. "You develop accounts and prove yourself by providing top products and the highest level of service."

Long Island Pipe Supply carries the largest selection of nationally known brands at the most competitive prices. Our friendly, dedicated, knowledgeable staff provides outstanding service to every customer. They have the knowledge and ability to schedule a job, so your order is received on time.

Fast, reliable delivery.

An exclusive distributor of many product lines, we ship domestically and worldwide from our thirteen strategic locations. We stock every item needed to complete any fire sprinkler system job world-wide.

Loos and Company, Inc.

901 Industrial Boulevard
Naples, Florida 34104
Phone: 239.643.5667
Toll-Free: 800.321.5667
FAX: 239.643.4558
Website: www.earthquakebrace.com

Founded:
1958

Primary Products/Services:
Wire Rope, Cable & Fittings

Market Area:
Worldwide

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

Management:
Phillip Cox, Vice President/Sales & Marketing

Sales Contact:
Phillip Cox

Tel: 800.321.5667
Fax: 239.643.4558

Company Profile:

Loos & Company has been in business since 1958. We operate out of two manufacturing facilities one in Pomfrey, CT and one in Naples, FL. Our Naples facility manufactures our Loos seismic wire rope and cable bracing products. Our complete seismic bracing line is UL listed and included in NFPA 13 Standard for Installation of Fire Sprinkler Systems.

Loos & Company Inc.

Cable Ware Division
901 Industrial Blvd.
Naples, Florida 34104
Phone: 239.643.5667
Toll Free: 800.321.5667
FAX: 239.641.3539
Website: www.earthquakebrace.com

Founded:
1958

Market Area:
Worldwide

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

Management:
Anthony Naines, President
Phillip Cox, V.P. Sales/Mktg
Barry Grothouse, V.P. Operations

Sales Contact:
Nora Boylan, Sales Mgr. Customer Service
Tel: 800.321.5667
Fax: 239.643.4558

Company Profile:

Loos & Company is the manufacturer of Loos Seismic Wire/Cable Bracing. Complete earthquake bracing system for all types of fire sprinkler systems. Listed in NFPA 13; UL Listed; UBC, Boca, SBCCI Compliant; OSHPD Pre-Approved; EBC System Compatible.

Lubrizol Advanced Materials

17790 Eglantine Lane
Bayside Estates
Fort Myers Beach, Florida 33931
Phone: (216) 447-5142
Fax: (216) 447-5750

Management:
Gary Johnson

Master Control Systems, Inc.

910 North Shore Drive
 Lake Bluff, Illinois 60044
 Phone: 847.295.1010
 FAX: 847.295.0704
 Email: sales@mastercontrols.com
 Website: www.mastercontrols.com

Founded:
 1965

Primary Products/Services:
 Fire Pump Controllers

Management:
 William Stelter, President
 Lisa Villa, Sales
 Brian Urbanik, Technical Support

Company Profile:
 Master Control Systems, Inc. manufactures the world's first UL/FM Variable Speed Electric Fire Pump Controller. In addition, we manufacture all types of NFPA 20, UL/FM approved, fire pump controllers. We offer electric controllers from 5-400 hp at 200-600. We also offer diesel fire pump controllers and accessory items. Five year warranties are standard on EC-series controllers or DEC-series diesel controllers.



The Metraflex Company

2323 West Hubbard Street
 Chicago, Illinois 60612
 Phone: 312.738.3800
 FAX: 312.738.0415
 Website: www.metraflex.com
 Email: zekeb@metraflex.com

Founded:
 1958

Primary Products/Services:
 Expansion Joints

Market Area:
 Worldwide

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

Sales Contact:
 Janet Torres, Account Manager
 Email: janett@metraflex.com

Company Profile:
 The FM approved Metraflex® Fireloop® seismic expansion joint for fire sprinkler systems accommodates movement in all directions. Meets NFPA 13 guidelines. UL listed. The FireVoop seismic expansion joint is a great alternative to

the Fireloop. It has a different footprint with a shorter hangdown. UL Listed. Meets NFPA 13. Visit www.metrafire.com

Mueller Company

633 Chestnut St Ste 1200
 Chattanooga, Tennessee 37450-1202

Neill Supply Company, Inc.

700 Schuyler Ave
 Lyndhurst, New Jersey 07071
 Phone: 201.939.1100
 Contact: Jerry Cocuzza

Newburgh Windustrial

65 Jeanne Drive
 Newburgh, New York 12550
 Phone: 845.566.5300
 FAX: 845.566.5340
 Website: www.newburghwindustrial.com

Management:
 Dean Lucas, President

Company Profile:
 As part of a national wholesale distribution organization, known as WinWholesale Inc., Newburgh Windustrial specializes in wholesale distribution of pipes, valves, and fittings for industrial applications. These run the spectrum from pipe, valves, and fittings used every day in commercial and industrial building and maintenance to specialty plastics and stainless steel piping and tubing used in industrial application.

Focusing mainly on mechanical contractors, professional purchasing agents, plant maintenance personnel, piping and fire protection contractors, Newburgh Windustrial has the expertise to be knowledgeable about the products they sell as well as the technical requirements of their customers.

The Noble Company

PO Box 360
 Grand Haven, Michigan 49417
 Phone: 231.799.8000

Management:
 Debbie Kingma, Vice President

PAC Pump & Systems, Inc.

106 Hobart St.
 Hackensack, New Jersey 07601
 Phone: 201.621.0500
 FAX: 201.621.0506
 Website: www.pacpump.com

Founded:
 2003

Primary Products/Services:
 Fire pumps and controllers—sales and service.

Market Area:
 New Jersey

Hours of Operation:
 7:00 a.m. - 6:00 p.m. Mon.-Fri.

Management:
 William Casey, President
 Craig Pastore, Sales & Service
 Nick Badalato, Service Manager
 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.

Patterson Pump Company

2129 Ayersville Rd.
 Toccoa, GA 30577
 Phone: 706.886.2101
 Website: www.pattersonpumps.com

Company Profile:
 Rugged. Reliable. Efficient. and Self Contained. Timely delivery of rugged, reliable and responsive fire suppression pumps and prepackaged systems is critical. Whether we're meeting stringent customer standards, unheard-of deadlines or just going the extra mile to ensure customer satisfaction, more and more customers are choosing Patterson's Sentinel™ Series Fire Pump products and services to securely fulfill their fire protection needs.

Peerless Pump Company

2005 Dr. Martin L. King Jr. St.
Indianapolis, Indiana 56202
Phone: 317.925.9661
Email: tballengee@grundfos.com
Website: www.Peerlesspump.com

Founded:
1923

Primary Products/Services:
Fire pumps and accessories

Market Area:
Global

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

Management:
Mike Cates, General Manager
Tim Ballengee, VP Sales, Fire Market

Sales Contact:
Tim Ballengee, Business Director,
VP. Sales, Fire Market
Phone: 919.656.2243
FAX: 919.654.6791
Email: tballengee@grundfos.com

Company Profile:
Peerless Pump is the global leader in fire pump systems and accessories, covering the widest range of selections in the industry. Specialties include pumps and packages for the commercial, high-rise, industrial and power industries, inclusive of skidded and environmental (house type) enclosed packaged systems.

Pentair–Aurora Pump, Fairbanks Morse, Edwards

800 Airport Road
North Aurora, Illinois 60542
Phone: 630 859-7000
FAX: 630 859-7060
Website: www.aurorapump.com
www.fmpump.com
www.edwardsmfg.com

Founded:
1909

Primary Products/Services:
Fire Pumps/ Fire Systems/Foam Pumps

Market Area:
Nat'l & Int'l

Hours of Operation:
7:30 a.m.-4:00 p.m. CST M-F

Management:
Susan Kucera, Vertical Mkt. Mgr. –
Fire David Goddard, V.P. Commercial Sales
Steve Gordon, Director of Int'l Sales

Sales Contact:
Jim Considine – Southeast 239.464.9496

Roger Hahn – West 626.857.9490
David Botts – Midwest 816.272.5535
RJ Dausman – N.E. & National Sales Mgr.
Tel: 315.638.4688

Company Profile:
Pentair Water's family of brands includes well-known names in fire pumps, including Aurora Pump, Fairbanks Morse and Edwards. We are a leading fire pump, packaged fire system and foam pump supplier devoted to designing and manufacturing pumps and systems used in a variety of markets and applications throughout the world. Our talented team of engineers and customer service representatives will provide you with solutions to meet your pumping needs. You can rely on Pentair and our qualified distribution network for quality fire protection solutions. Find us on the web at www.aurorapump.com, www.fmpump.com, and www.edwardsmfg.com or call 888.987.8680 for more information

OFFICE LOCATIONS:
800 Airport Rd. No. Aurora, IL 60542
Tel: 888.987.8680
3601 Fairbanks Ave. Kansas City, KS 66106
Tel: 888.416.9510
1101 Myers Pkwy. Ashland, OH 44805
Tel: 888.416.9510

PHD Manufacturing, Inc.

44018 Columbiana-Waterford Rd.
Columbiana, Ohio 44408
Phone: 330.482.9256
Toll Free: 800.321.2736
FAX: 330.482.2763
Website: www.phd-mfg.com

Founded:
1972

Primary Products/Services:
Pipe hangers, beam supports, struts
& accessories

Market Area:
U.S., Europe, Asia

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

Management:
Joe Corvino, President
Dave Neal, National Sales Manager
Rick Persing, Nat'l Sales Manager-Sprinkler
Division

Sales Contact:
Rick Persing, Nat'l Sales Manager, Sprinkler
Division
Phone & FAX: 514.536.3857

Company Profile:
An industry leader in the pipe hanger supports and strut markets. PHD has successfully built

a reputation of quality, customer service and dependable deliveries. Our expansive product lines, including seismic and CPVC, is well-suited to meet the needs of the Fire Protection Industry. We are excited to meet the challenges and build the same success in this expanding market place.

Pipe Fabricators

8580 Valley Forge Lane N
Maple Grove, Minnesota 55369
Phone: 763.488.8100
Toll-Free: 866. 747.7473
FAX: 763.488.8140
Website: www.pipefabricatorsps.com

Founded:
1984

Primary Products/Services:
Sprinkler supplier with fabrication

Market Area:
Minnesota, North Dakota, South Dakota,
Nebraska, Illinois, Wisconsin, Iowa

Hours of Operation:
6:00 am – 5:00 pm Mon-Fri

Sales Contact:
Mark Augustson, General Manager
Phone: 763.488.8100
FAX: 763.488.8140

Company Profile:
Pipe Fabricators is a supplier of fire protection products and fabrication. Since its establishment, Pipe Fabricators has evolved from a fabricator to a sprinkler supplier with fabrication. Our company has emerged over the years and will continue to grow as we enter new markets and expand our product line.

Plumbers Supply Company

1000 E. Main St.
Louisville, Kentucky 40206
Phone: 502-582-2261
Toll Free: 800.626.5133
FAX: 502.540.0330
Website: www.plumbers-supply-co.com

Founded:
1921

Primary Products/Services:
Plumbing, Hydronics, HVAC, Fire Protection

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

The Florida Fire Sprinkler Association Chapter of the NFSA is proud of Golden Sprinkler Award Winner Buddy Dewar.



Buddy Dewar



Florida Fire Sprinkler Association, Inc.

A Chapter of NFSA

area, Fire Protection Sales Manager,
All locations: Phone: 317-783-2981
Cell: 317-557-1559
Email: Brian.Roberts@plumbers-supply-co.com

INSIDE SALES:

INDIANAPOLIS, INDIANA

Inside Sales Manager:
Jason Davis
Phone: 317-472-8921
Cell: 317-450-6764
Email: Jason.Davis@plumbers-supply-co.com
Dale Sigler
Phone: 317-472-8903
Email: Dale.Sigler@plumbers-supply-co.com

INSIDE SALES:

LOUISVILLE, KENTUCKY

Inside Sales Manager:
Mike Newton
Phone: 502-540-0332
Cell: 502-817-2079
Email: Mike.Newton@plumbers-supply-co.com
Sam Alvey
Phone: 502-540-0223
Cell: 502-550-2053
Email: Sam.Alvey@plumbers-supply-co.com
Beau Jones
Phone: 502-540-0332
Email: Beau.Jones@plumbers-supply-co.com

INSIDE SALES:

LEXINGTON, KENTUCKY

Ronnie Wilson
Phone: 859-255-0700
Cell: 859-621-5278
Email: Ron.Wilson@plumbers-supply-co.com

INSIDE SALES:

EVANSVILLE, INDIANA

Brent Mabrey
Phone: 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
Phone: 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 has opened branches and mini-branches in over ten locations in our area. Plumbers Supply has been a fire protection supply house of steel pipe and fittings since its inception, but has had a dedicated fire sprinkler sales division since late 1980's.

Polymer Molding, Inc.

1655 West 20th Street
Erie, Pennsylvania 16502
Toll-Free: 800.344.7584
FAX: 814.455.0289
Website: 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:
Chris Vinson, Vice President, Sales



Potter Electric Signal Company

5757 Phantom Drive
St. Louis, Missouri 63042
Toll-Free: 314.595.6900
FAX: 314.595.6999
email: sales@pottersignal.com
Website: www.pottersignal.com

Founded:
1898

Primary Products/Services:
Flow, Pressure, Tamper switches along with corrosion monitoring and 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, corrosion monitoring, MIC testing, and corrosion mitigation. At Potter, we supply our customers with products that provide real world solutions and unequalled service and technical support. Our employees are committed to providing the very best product and service available for the protection of life and property.

Potter Roemer

17451 Hurley Street
Industry, California 91744
Toll-Free: 800.366.3473
FAX: 714.545.3552
Website: www.potterroemer.com

Founded:
1937

Primary Products/Services:
Fire Extinguishers, Hoses, Valve Cabinets

Market Area:
U.S.A.

Management:
George Brown, Vice President Sales

Company Profile:
Potter Roemer has been the leading supplier of interior hose and standpipe equipment to the fire protection industry. From four regional shipping facilities, PotterRoemer has the largest uncommitted inventory in stock and available for your project.



Powers Fasteners

2 Powers Lane
Brewster, New York 10509
Phone: 800.524.3244
FAX: 877.871.1965
email: engineering@powers.com

Primary Products/Services:
Construction Anchors

Market Area:
Global

Hours of Operation:
8:00 a.m.-6:00 p.m. EST, Mon.-Fri.

Management:
Kirk Reimer, V.P., Commercial
Lenny Colasounno, V.P., Marketing

Sales Contact:
Tim Cleary, Customer Service
Phone: 800.524.3244
FAX: 877.871.1965

Company Profile:
Powers Fasteners has been a worldwide pioneer in the fastening industry since 1921 and today is the leading supplier of concrete and masonry anchors and fastening systems in North America. Powers has extensive engineering and manufacturing expertise in several product groups, including mechanical anchors, adhesive anchoring systems and powered forced-entry systems such as powder-actuated and gas fastening systems.

Quimby Equipment Company, Inc.

159 Express Street
Plainview, NY 11803
Phone: 516.349.5959
Website: www.quimbyinc.com
Email: info@quimbyinc.com

Primary Products/Services:
Pump Sales

Management:
Greg Ross, Sales Representative



Reliable Automatic Sprinkler Co. Inc.

103 Fairview Park Drive
Elmsford, New York 10523
Phone: 914.829.2042
Toll-Free: 800.431.1588
Fax: 800.848.6051
Website: www.reliablesprinkler.com
Email: info@reliablesprinkler.com

Founded:
1918

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

Market Area:
Worldwide

Hours of Operation:
7:30 a.m. - 5:30 p.m. EST Mon.-Fri.

Management:
Frank J. Fee, III – President
Kevin T. Fee – Executive V.P.
Michael R. Fee – V.P.
John McNamara – V.P., Sales
Rex Schwendiman – V.P., System Components
Tom Multer – V.P., Product Technology
Graeme Leonard – V.P., International Sales
Kevin T. Fee, Jr. – Director, National Account Sales

Company Profile:
As a major manufacturer of automatic fire sprinklers, valves, and special hazards/system products and a distributor of sprinkler system components, Reliable Automatic Sprinkler Co., Inc., is your one source for all your fire protection needs. Reliable offers fabrication in local areas. Headquartered in Elmsford, New York, the company has a state-of-the-art manufacturing facility in Liberty, South Carolina and has offices strategically located throughout the U.S. and internationally. Reliable is dedicated to developing

new innovative products and providing superior customer service.

Go to www.reliablesprinkler.com to learn more.

CORPORATE OFFICE:
103 Fairview Park Drive
Elmsford, NY 10523
Tel.: 800.821.2138
www.reliablesprinkler.com

CORPORATE MANUFACTURING FACILITY:
1470 Smith Grove Road
Liberty, SC 29657
Tel.: 864.843.1700

**Worldwide Distribution Centers
& Sales Offices:**

NORTHEAST REGION:
New York, NY (Elmsford)
Tel.: 800.431.1588
Fax: 800.848.6051

MID-ATLANTIC REGION:
Washington, DC (Lorton, VA)
Tel.: 877.883.8831
Fax: 877.851.1553

SOUTHEAST REGION:
Atlanta, GA (Norcross)
Tel.: 800.652.1819
Fax: 800.848.6052

Orlando, FL (Longwood)
Tel.: 800.801.3097
Fax: 800.862.0934

MIDWEST REGION:
Chicago, IL (Hanover Park)
Tel.: 800.228.6274
Fax: 800.848.6053

Minneapolis, MN (Roseville)
Tel.: 877.827.2816
Fax: 877.827.3043

SOUTHWEST REGION:
Dallas, TX
Tel.: 800.442.6742
Fax: 800.848.6054

Houston, TX
Tel: 866.978.9965
Fax: 866.978.9979

Denver, CO
Tel.: 877.440.2598
Fax: 877.205.7230

WEST COAST REGION:
Los Angeles, CA (Brea)
Tel.: 800.352.4365
Fax: 800.848.6055

San Francisco, CA (San Leandro)
Tel.: 800.352.4365
Fax: 800.848.6055

Seattle, WA (Kent)
Tel.: 877.327.2563
Fax: 877.327.2574

FABRICATION:
Grand Prairie, TX:
Tel: 972.352.6400
Fax: 972.352.6402

Portland, OR
Tel: 503.282.5506
Fax: 503.282.0092

Denver, CO
Tel.: 877.440.2598
Fax: 877.205.7230

INTERNATIONAL:
Toronto Canada
Tel.: 800.790.6443
Fax: 800.790.6486

Western Canada
Tel.: 604.542.1864
Fax: 604.542.1894

Mexico & Latin America
Tel.: 800.442.6742
Fax: 800.848.6054

London, United Kingdom
Reliable Fire Sprinkler (UK) Ltd
Tel.: +44.1342.316800
Fax: +44.1342.314679

Hamburg, Germany
Tel: +49.40.5589818.71
Fax: +49.40.5589818.73

Shanghai, China
Tel: +86.21.54037021
Fax: +86.21.54037022

Adelaide, Australia
Tel: +61.8.81629555
Fax: +61.8.81629359

Dubai, United Arab Emirates
Tel: +971.4880.8830

Relmark Group

961 Pottstown Pike
 Chester Springs, PA 19425
 Phone: 610.321.1010
 Website: www.relmarkgroup.com

Primary Products/Services:

Fire Sprinkler Contractor
 General Liability Insurance

Sales Contact:

Ray Rittersbach
 email: rrittersbach@relmarkgroup.com

RJB Wholesale, Inc.

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

SigmaPiping Products

5000 Askins
 Houston, Texas 77093
 Tel: 800.999.0109



The Solberg Company

1520 Brookfield Avenue
 Green Bay, Wisconsin 54313
 Phone: 920.593.9445
 FAX: 930.593.9464
 email: info@solbergfoam.com
 website: www.solbergfoam.com

Founded:

1971

Primary Products/Services:

Foam agents and systems hardware

Market Area:

Global

Hours of Operation:

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

Management:

Steve Hansen, Gen. Mgr.
 Bill Smith, VP, Global Sales
 Dave Pelton, VP, Global Mktg.
 Mitch Hubert, VP, Global Prod. Dev.

Sales Contact:

Mark Pillow, Dir. of Sales, Americas
 Tel: 812.303.9028
 Cell: 812.568.9817
 email: mark.pillow@solbergfoam.com

Company Profile:

Solberg is your one-stop resource for Class A and B firefighting foam concentrates and custom-designed foam suppression systems hardware. An Amerex Corporation company, Solberg has the expertise, capabilities and resources to serve the fire protection and firefighting industry. At Solberg, we continually pioneer firefighting foam technologies to meet the latest demands in the Aerospace, Aviation, Chemical, Defense, Energy, Fire Service, Marine, Mining, Oil & Gas, Petrochemical, Pharmaceutical, Pipeline, Solvents & Coatings and Utilities Industries.

BRANCH OFFICES

The Solberg Company
 1714 Indiana Ave.
 La Porte, IN 46350
 Jim Scott, Midwest Reg. Sales Mgr.
 Tel: 219.380.5734
 email: jim.scott@solbergfoam.com

The Solberg Company
 6477 Deerfield Drive
 New Hope, PA 18938
 Jim Schwander, Eastern Reg.
 Sales Mgr.
 Tel: 267.293.0342
 email: jim.schwander@solbergfoam.com

The Solberg Company
 15211 Rio Plaza Drive
 Houston, TX 77083
 Mark Wise, Southern Reg. Sales Mgr.
 Tel: 281.561.0054
 email: mark.wise@solbergfoam.com

South-Tek Systems

2940 Orville Wright Way
 Wilmington, North Carolina 28405
 Phone: 910.332.4173

Spears Manufacturing Company

PO Box 9203
 Sylmar, California 91342
 Phone: 818.364.1611
 FAX: 818.367.3014
 Website: www.spearsmfg.com

Primary Products/Services:

Fittings and Valves

Management:

Wayne Spears, President

SPP Pumps

6720 Best Friend Rd.
 Norcross, Georgia 30071
 Phone: 770.409.3280
 FAX: 770.409.3290
 Email: sales@sppumps.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
 Jimmy Hunt, Director of Sales, Fire Division
 Jim Leach, National Sales Manager
 Patrice Fino, Marketing Manager

Sales Contact:

Jimmy Hunt
 Phone: 770.409.3280 ext. 2204

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.

Star Sprinkler Corporation

140 Peachstone Gln
 West Springfield, Massachusetts 01089
 Phone: 413.737.6371
 FAX: 413.734.3470



Starfire, Inc.

3550 S 54 Street
 Franklin Wisconsin 53132-8668
 Phone: 414.483.5959
 Fax: 414.483.1566
 Website: www.starfireusa.com
 Email: info@starfireusa.com

Founded:
 1987

Primary Products/Services:
 Fire Sprinkler Material and Fire Pumps

Market Area:
 Midwest & Southwestern U.S./International

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

Management:
 Darrel R. Malek, Chairman
 Scott Mathwig, President

Sales Contact:
 Gil Brzezinski, Vice President
 Tel: 414.483.5959
 FAX: 414.483.1566
 Email: info@starfireusa.com

Company Profile:
 Starfire, Inc. is an independent fire protection supplier with an extensive product line and a knowledgeable service team. We stock fire sprinklers, control valves, fittings of all types, monitoring devices, bladder expansion and surge suppression tanks and system accessories. We also sell and service fire pumps, controllers and water storage tanks. In addition, Starfire Systems and Starfire Extinguisher offer special hazard fire protection solutions including design, supply and installation. Please see our website for additional information and we encourage you to contact either our Wisconsin or California location with any questions.

System Sensor

3825 Ohio Avenue
 St. Charles, IL 60174
 Phone: 630.377.6580
 Toll-Free: 800.736.7672
 FAX: 630.377.6495
 Website: www.systemsensor.com

Founded:
 1984

Primary Products/Services:
 Fire Sprinkler System Monitoring Products, Fire

Detection and A/V Notification Devices

Market Area:
 Worldwide

Hours of Operation:
 7:30 a.m. - 5:00 p.m. CST Mon.-Fri.

Management:
 Jeff Klein – Vice President & General Manager
 Dave Lyons – VP of Sales
 Chuck Kitts – Director of Fire Sprinkler Sales
 Jackie Lorenty – Director of Marketing
 Dennis Sekermestrovich – Western Regional Manager

Sales Contact:
 Chuck Kitts, Director of Fire Sprinkler Sales

Company Profile:
 System Sensor is a global manufacturer of sprinkler monitoring products, including water flow detectors, supervisory switches, pressure switches, deluge releasing panel, alarm bells and explosion-proof products. With sales, service and manufacturing facilities extending throughout the Americas, Europe and Asia, System Sensor promises to continue developing advanced ideas that deliver advanced solutions. Our high production standards and constant communication with our customers gives you a quality product with the information and support you need to install and maintain our products. Because we place a premium on research and development, System Sensor sprinkler monitoring products are quick and easy to install and maintain.

Talco Industries

6040 NE 117th Ave.
 Portland, Oregon 97220
 Phone: 503.668.1231
 Toll Free: 800.878.8055
 FAX: 503.688.1234
 Website: www.talcofire.com
 Email: gi@talcofire.com

Founded:
 1981

Primary Products/Services:
 Packaged fire pump systems for commercial and Home fire protection

Market Area:
 U.S. & Canada

Hours of Operations:
 Monday – Friday

Sales Contact:
 Scott Shaffer ,
 Email: ss@talcofire.com

Company Profile:
 Talco manufacturers all sorts for packaged pump systems for Commercial and Residential applications. We have released our HOME

HYDRANT models with a water storage tank with integral pump system installed through a molded hole in the tank with all package piping and connections included. Just water and drain connections and power to the pressure switch and the system is ready to go. Many other models are available to meet your system requirements.

Tank Connection

3609 N. 16th
 Parsons, Kansas 67357
 Phone: 620.423.3010
 FAX: 620.423.3999
 Website: www.tankconnection.com

Founded:
 2004

Primary Products/Services:
 Fire Protection Water Storage Tanks

Market Area:
 Worldwide

Management:
 Bill Neighbors, President & CEO

Sales Contact:
 Bransie Qualls, Sales Director, Liquid Division
 Email: bransie@tankconnection.com

Company Profile:
 Tank Connection designs, manufactures and installs the top rated bolted tank design available for fire protection applications... worldwide. Designed to meet Factory Mutual and NFPA 22 requirements, the Tank Connection performance package remains unmatched in the industry.

Our LIQ Fusion 7000 FBETM coating system and application technology is unmatched in water storage applications, and offered exclusively by Tank Connection. Our facilities are ISO 9001 Certified. TC field construction processes are superior in quality and field safety with an EMR of .59.

Tank Connection is #1 in Storage Applications... Over 2100 years of combined storage tank experience.

Telgian Corporation

2615 South Industrial Park Avenue
 Tempe, Arizona 85282
 Phone: 480.753.5444
 Toll Free: 866.364.1700
 FAX: 480.753.5450
 Website: www.telgian.com

Primary Products/Services:
 Engineering/Consulting/Design/Loss Control.

Market Area:
 U.S., Canada, Mexico, Latin America, Caribbean

Hours of Operation:

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

Management:

Russell Leavitt, Executive Chairman
Jim Tomes, President and CEO
Brian Ballard, CFO

Sales Contact:

Ryan Smith
Tel: 480.621.5024
FAX: 480.753.5450

Company Profile:

The Engineering Division of Telgian Corporation specializes in Engineering, Consulting, System Design and Loss Control Engineering services along with third party plan review, acceptance testing and system commission services for owners and authorities having jurisdiction. Telgian engineering has licensed engineers in all 50 states, U.S. territories and Canada. Telgian has a long history of working with owners, builders and contractors to solve complex fire protection challenges and has expertise in a number of verticals including storage, high rise, assembly, industrial, health care and residential. Telgian has worked with fire sprinkler contractors throughout the U.S., delivering quality working drawings that are prepared by NICET certified designers with oversight by professional engineers.

OFFICES:

900 Circle 75 Parkway SE, Ste 680
Atlanta, GA 30339
Tel: 770.432.3882
FAX: 770.656.3114
Contact: Ralph Bless P.E.

45550 Commerce Center Dr.
Plymouth, MI 48170
Tel: 734.738.1111
FAX: 734.738.1112
Contact: Ron Leszczynski

500 International Dr. Ste 170
Mount Olive, NJ 07828
Tel: 973.440.6650
FAX: 973.440.6651
Contact: Joseph Keltos

11230 Sorrento Valley Rd. Ste 225
San Diego, CA 92121
Tel: 858.795.1000
FAX: 858.795.1001
Contact: Sharyn Deleon

1101 Andover Park West, Ste 100
Seattle, WA 98188
Tel: 206.439.7080
FAX: 206.439.7089
Contact: Warren Burns

12250 Weber Hill Rd., Ste. 130
St. Louis, MO 63127
Tel: 314.849.3001
FAX: 314.849.3011
Contact: John Campbell P.E.

5500 Democracy Dr. Ste 160
Plano, TX 75024
Tel: 972.608.8855
FAX: 972.781.2499
Contact: Russ Mower

Thermafit Industries, Inc.

723 Sonora Avenue
Glendale, California 91201
Phone: 877.827.2782

Management:

Armond Sarkisian, CEO

TOLCO®, a Brand of Cooper B-Line

509 West Monroe
Highland, Illinois 62249
Phone: 800.851.7415
FAX: 800.257.4312
Website: www.cooperbline.com/tolco
Email: margie.doll@cooperindustries.com

Founded:

1967

Primary Products/Services:

Seismic Bracing; Custom Supports, Pipe Hangers & Supports, Strut Fittings & Accessories & Engineering Support, TOLBrace® Software

Market Area:

Worldwide

Total Equipment

400 5th
Coraopolis, Pennsylvania 15108
Phone: 412.269.0999
website: www.totalequipment.com

Trademaster, Inc.

1150 Stephen Hwy
Troy, Michigan 48083
Tel: 586.899.8651

Tyco Fire Protection Products

1400 Pennbrook Pkwy
Lansdale, Pennsylvania 19446
Phone: 215.362.0700
Toll Free: 800.558.5236
FAX: 800.877.1295
Websites:

- www.TycoFire.com
- www.TycoRapidResponse.com
- www.SprinkCAD.com
- www.Ansul.com
- www.Pyrochem.com
- www.Grinnell.com
- www.OnlineTechXchange.com

Founded:

1850

Primary Products/Services:

Water & Chemical based Fire Protection Products, 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:

Colleen Repplier – President
Rekha Agrawal, G.M. – Water and Mechanical
Suzanne Rowland, G.M. – Special Hazards
James Golinveaux – Senior Fellow, Water Fire Suppression

Sales Contact:

Michael Mottice – Director of Sales, Americas
Tel: 800.558.5236
Fax: 800.877.1295

Company Profile:

Tyco Fire Protection Products traces its roots to the companies that pioneered the Fire Sprinkler Industry at the turn of the last century: Grinnell sprinkler, Star Sprinkler and Central Sprinkler. Through the years, our innovative solutions have continually reinvented, improved and expanded the fire protection market. Industry firsts include concealed sprinklers, quick response sprinklers, residential sprinklers, and advances in storage protection that have evolved to protect changes in sorted commodities and storage technology. This innovation continues today with our continuous investment in education, research and development, software solutions and an unwavering commitment to saving lives and property.

JUST BECAUSE
THEY'RE BOTH
ORANGE

DOESN'T MEAN
THEY'RE BOTH
THE SAME.

BlazeMaster

Non BlazeMaster

ONLY BLAZEMASTER[®] FIRE SPRINKLER SYSTEMS...

- + Are backed by 30 years of proven success
- + Are the most specified non-metallic fire sprinkler systems in the world
- + Are created from superior Lubrizol CPVC compounds
- + Are the first and only fire sprinkler pipe to meet higher ASTM material designation of 4120-06, resulting in a 25% higher pressure rating at 180°F (when compared to pipe made from standard grades of CPVC)
- + Are part of the FBC™ System Compatible Program, ensuring chemical compatibility and piping system success
- + Are listed and approved for more applications than any other non-metallic fire sprinkler system
- + Are the first and only UL-Listed CPVC system for use in exposed composite wood joist basement applications



Others may try to be like, or even look like, BlazeMaster Fire Sprinkler Systems. There is no substitute for BlazeMaster. Look a little closer and see the big difference.

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Lubrizol

United Brass Works, Inc.

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

Founded:
1910

Primary Products/Services:
Bronze valves / custom cast and machined products

Market Area:
Worldwide

Hours of Operation:
8:30 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 valves for fire protection applications including globe, angle and check valves along with bronze UL/FM OS&Y gate valves. United also manufactures ductile iron products such as wafer checks, groove checks and M X F check valves all of which are UL and F.M. approved.

Uponor Inc.

5925 148th Street West
Apple Valley, Minnesota 55124
Phone: 952.997.4241
FAX: 952.891.2008
Website: www.uponor-usa.com
Email: eric.skare@uponor.com

Founded:
1620 yes, 1620

Primary Products/Services:
Residential Fire Sprinkler Systems

Market Area:
North America

Management:
Eric Skare, Product Manager

Company Profile:
Uponor's PEX-a based AquaSAFE residential fire sprinkler systems are listed to UL 1821 and provide a flexible solution meeting NFPA 13D requirements. Uponor provides exceptional support, training, products and materials to ensure peace of mind for homeowners, installers and AHJ's.

USA Tank Storage Systems

14174 Highway 43
Seneca, Missouri 64865
Phone: 417.776.2500
FAX: 417.776.2524
Website: www.usatanksales.com

Founded:
1978

Primary Products/Services:
Fire Protection/Water Storage Tanks

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

Management:
Brian Bell – President & CEO
Chris Slinkard – General Manager
Steve Currence – Director of Sales

Sales Contact:
Steve Currence

Company Profile:
USA Tank has been engineering and constructing customized storage systems for over 30 years. We are an industry leader in the supply and erection of storage tanks in coated carbon steel, stainless steel and fiberglass construction. We provide storage tanks for potable water, fire protection, wastewater and petroleum industries. USA Tank also offers maintenance, inspection, repair and tank insulation systems for heated and cold storage applications. We can provide turnkey solutions for all your tank storage needs.

**Victaulic Company**

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

Founded:
1925

Market Area:
Global

Management:
Bob Freidl, V.P., Market Dev.

Company Profile:
As the world's leading producer of grooved mechanical pipe-joining systems, Victaulic works collaboratively with its 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.

**Viking**

210 N. Industrial Park Drive
Hastings, Michigan 49058
Telephone: 269-945-9501
Toll Free: 800-968-9501
FAX: 269-945-9599
Internet: www.vikinggroupinc.com

Founded:
1897

Primary Products/Services:
Fire Sprinklers / Systems
Fire Protection Valves
CPVC Pipe and Fittings
Fabrication Services
VGS™ 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:
Kevin Ortyl – Chairman and CEO
Joe Bardowski – Vice President, Operations
Tom O'Connor – President, Viking Manufacturing
Mike Bosma – Executive Vice President, Sales, Viking SupplyNet
Cary Nicol – Vice President, Sales

Sales Contact:
Jeff Norton – Vice President, Marketing,
Viking Group
Tel: 269.945.8312

Company Profile:
Together, the companies of Viking (Viking Corporation, Viking SupplyNet, Viking Fabrication Services, Viking Plastics, and VGS™ Grooved Piping Systems) 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 Corporation

210 N. Industrial Park Drive
Hastings Michigan 49058
Telephone: 800-968-9501
Fax: 269-945-9599
products@vikingcorp.com

Viking SupplyNet – South Region

Viking SupplyNet (Atlanta)

Regional Headquarters
100 Piedmont Court, Suite A
Doraville, GA 30340
Telephone: 770-446-3068
Fax: 770-446-3713
south@supplynet.com

Sales Contact:

Terry Pickvet, Adam Owens

Viking SupplyNet (Orlando)

503 Ocoee Business Parkway
Ocoee, FL 34761
Telephone: 407-656-7600
Fax: 407-656-7675
south@supplynet.com

Sales Contact:

Jeff Trew, Adam Owens

Viking SupplyNet (Miami)

2840 SW 42nd Street, Port 95 Ind Ctr Build IV
Fort Lauderdale, FL 33312
Telephone: 954-791-1756
Fax: 954-791-1614
south@supplynet.com

Sales Contact:

Will Allgood, Adam Owens

Viking SupplyNet (Houston)

6911 Fairbanks North Houston Road, Suite 100
Houston, TX 77040
Phone: 713-896-8464
Fax: 713-896-8429
south@supplynet.com

Sales Contact:

Paul Swan, Jeff Graham

Viking SupplyNet (Dallas)

1536 Hutton Drive, Suite 120
Carrollton, TX 75006
Telephone: 972-466-0933
Fax: 972-466-0853
south@supplynet.com

Sales Contact:

Perry Adams, Jeff Graham

Viking SupplyNet (Memphis)

Airport Distribution Center #8
4299 Air Trans Road
Memphis, TN 38118
Telephone: 901-360-9401
Fax: 901-360-9428
south@supplynet.com

Sales Contact:

Tommy Haberman, Eric Collins, Adam Owens

Viking SupplyNet (Charlotte)

11517 Cordage Street, Suite P
Charlotte, NC 28273
Phone: 704-588-8880
Fax: 704-588-8650
south@supplynet.com

Sales Contact:

Seth Pendleton, Adam Owens

Viking SupplyNet – West Region

Viking SupplyNet (Los Angeles)

Regional Headquarters
9101 Sorensen Ave.
Santa Fe Springs, CA 90670
Telephone: 562-903-7274
Fax: 562-944-1058
west@supplynet.com

Sales Contact:

Dave Swanson, Jim Gudger, Jeff Hill

Viking SupplyNet (Phoenix)

625 E. Watkins Street
Phoenix, AZ 85004
Telephone: 602-252-0400
Fax: 602-252-2028
west@supplynet.com

Sales Contact:

Kevin Kane, Jeff Hill

Viking SupplyNet (San Francisco)

1164 San Luis Obispo
Hayward, CA 94544
Telephone: 510-429-7295
Fax: 510-429-7297
west@supplynet.com

Sales Contact:

Grady Smith, Augustine Raya, Jeff Hill

Viking SupplyNet (Las Vegas)

Cameron Business Center #1,
4701 Cameron Street, Suite D
Las Vegas, Nevada 89103
Telephone: 702-795-8002
Fax: 702-795-0105
west@supplynet.com

Sales Contact:

Paul Cress, Jeff Hill

Viking SupplyNet (Seattle)

8001 S. 224th Street
Kent, WA 98032
Telephone: 253-872-8444
Fax: 253-872-8455
west@supplynet.com

Sales Contact:

Dave Luckenbach,
Jeff Hill

Viking SupplyNet (Denver)

12360 E. 46th Avenue #400
Denver, CO 80239
Telephone: 303-576-0665
Fax: 303-576-0611
west@supplynet.com

Sales Contact:

Scott Franklin, Jeff Hill

Viking SupplyNet (Riverside)

6480 Box Springs Blvd.
Riverside, California 92507
Telephone: 951-656-3111
Fax: 951-656-2606
west@supplynet.com

Sales Contact:

Jim Gudger, Dave Swanson, Jeff Hill

Viking SupplyNet – Midwest Region

Viking SupplyNet (Columbus)

Regional Headquarters
2353 International Street
Columbus, OH 43228
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Fax: 614-527-5818
midwest@supplynet.com

Sales Contact:

Bob Fischer, Tom Bowers

Viking SupplyNet (Detroit)

26020 Mound Road
Warren, MI 48091
Telephone: 586-754-0004
Fax: 586-754-8020
Midwest@supplynet.com

Sales Contact:

Sandy Richter, Tom Bowers

Viking SupplyNet (Chicago)

640 Center Avenue
Carol Stream, IL 60188
Telephone: 630-462-5860
Fax: 630-871-1898
northcentral@supplynet.com

Sales Contact:

Ron Bergquist, Tom Bowers

Viking SupplyNet (St. Louis)

1600 Park 370 Place, Suite 10
Hazelwood, MO 63042
Telephone: 314-291-4800

Fax: 314-291-4806
northcentral@supplynet.com
Sales Contact:
Chris Muschany, Tom Bowers

Viking SupplyNet (Kansas City)
1930 Warren Street
North Kansas City, MO 64116
Telephone: 816-474-1190
Fax: 816-474-8991
northcentral@supplynet.com
Sales Contact:
Chris Muschany, Tom Bowers

Viking SupplyNet (Minneapolis)
305 Bridgepoint Drive, Suite 200
South St. Paul, MN 55075
Telephone: 651-455-0325
Fax: 269-818-1614
northcentral@supplynet.com
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Jason Wardour, Tom Bowers

Viking SupplyNet – East Region

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4B Cranberry Road
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east@supplynet.com
Sales Contact:
Drew Slocum, Terry Laffey, Jim Dooley

Viking SupplyNet (New York City)
40-15 Northern Blvd.
Long Island City, NY 11101
Telephone: 973-541-2320
Fax: 269-818-1609
east@supplynet.com
Sales Contact:
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201 King Manor Drive
King of Prussia, PA 19406
Telephone: 610-279-3762
Fax: 610-277-3658
east@supplynet.com
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Jamie Wright, Jim Dooley

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8310 Sherwick Court
Jessup, Maryland 20794
Telephone: 301-490-5514
Fax: 301-490-5367
east@supplynet.com
Sales Contact:
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800 Marshall Phelps Road, Bldg 4
Windsor, Connecticut 06095
Telephone: 860-688-0001
Fax: 860-688-0005
east@supplynet.com
Sales Contact:
Tim Christie, Jim Dooley

Viking SupplyNet (Richmond)
4593 Carolina Avenue
Richmond, Virginia 23222
Telephone: 804-228-1107
Fax: 804-228-1556
east@supplynet.com
Sales Contact:
Ben Johnson, Jim Dooley

Viking SupplyNet (Boston)
60 Maple Street
Mansfield, MA 02048
Telephone: 508-594-1800
Fax: 269-818-1620
east@supplynet.com
Sales Contact:
Sean O'Neill, Jim Dooley

Viking Fabrication Services – U.S. Locations

Viking Fabrication Services (Southern California)
6480 Box Springs Blvd.
Riverside, California 92507
Telephone: 951-656-3111
Fax: 951-656-2606
vfriverside@supplynet.com
Sales Contact:
Dave Swanson, Jim Gudger, Jeff Hill

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625 E. Watkins Street
Phoenix, Arizona 85004-2935
Telephone: 602-252-0400
Fax: 602-252-2134
vfrphoenix@supplynet.com
Sales Contact:
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12360 E. 46th Avenue #400
Denver, Colorado 80239
Telephone: 303-576-0665
Fax: 303-576-0611
vfrdenver@supplynet.com
Sales Contact:
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1164 San Luis Obispo Street
Hayward, CA 94544
Telephone: 510-429-7295
Fax: 510-429-7297

vfsbayward@supplynet.com
Sales Contact:
Grady Smith, Jeff Hill

Viking Fabrication Services (Chicago)
640 Center Avenue
Carol Stream, IL 60188
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Fax: 630-871-1898
vfrchicago@supplynet.com
Sales Contact:
Ron Bergquist, Tom Bowers

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Columbus, Ohio 43228
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Sales Contact:
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Fax: 816-474-8991
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Sales Contact:
Ben Johnson, Jim Dooley

Viking Fabrication Services (Atlanta)
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Doraville, GA 30340
Telephone: 770-446-3068
Fax: 770-446-3713
vfratlanta@supplynet.com
Sales Contact:
Terry Pickvet, Adam Owens

Viking Fabrication Services (**Houston**)
6911 Fairbanks North Houston Rd., Suite 100
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Fax: (713) 896-8429
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Sales Contact:
Paul Swan, Jeff Graham

Viking Fabrication Services (**Dallas**)
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Telephone: 972-466-0933
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Sales Contact:
Perry Adams, Jeff Graham

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Phone: (905) 856-3557
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Sales Contact:
Guy Vachon, Harv Hughey

Viking SupplyNet (**Vancouver**)
9938 201 St., Unit 2
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Fax: (604) 882-2762
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Sales Contact:
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Viking SupplyNet (**Calgary**)
#42 4216 54th Avenue SE
Calgary, Alberta T2C 2E3
Phone: 403-203-5681
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Sales Contact:
Harv Hughey

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scs@polygon.ca

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2840 SW 42nd Street, Bldg IV
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Fax: 954-791-1181
latinamerica@supplynet.com

Sales Contact:
Art Gutierrez

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L-4562 Differdange/Niedercoorn, Luxembourg
Telephone: +352-58-37-37-1
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vikinglux@vikingcorp.com

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Europe – Headquarters

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L-4562 Differdange/Niedercoorn, Luxembourg
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Fax: +352-58-37-36
vikinglux@vikingcorp.com

Additional Locations – Europe

- France
- The Netherlands
- Luxembourg
- Germany
- Romania
- Sweden (Stockholm)
- Sweden (Knivsta- fabrication)
- Italy
- Spain
- United Kingdom (Epworth)
- United Kingdom (West Midlands)
- United Arab Emirates
- Turkey
- Israel
- Russia

Asia – Headquarters

The Viking Corporation (Far East) Pte. Ltd.
69 Tuas View Square
Westlink Techpark
Singapore 637621
Tel: (+65) 6 278 4061
Fax: (+65) 6 278 4609
vikingsingapore@vikingcorp.com

Sales Contact:
Franklin Gong

Additional Locations – Asia

- Japan
- Hong Kong
- Korea
- China (Shanghai)
- India (Bangalore)
- India (New Delhi)

SOUTHERN HEMISPHERE LOCATIONS

Australia

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95 - 99 Hardys Road, Underdale SA 5032,

Australia
Telephone: +61-8-8352-2888
Fax: +61-8-8352-2755
fireprot@e-access.com.au
Sales Contact:
Rick Tanner

South Africa

Firequip CC
P.O. Box 14579, Bredell 1623, South Africa
Telephone: +27-11-396-1800
Fax: +27-11-396-1810
dave@firequip.co.za
Sales Contact: Dave Martin

New Zealand

Viking Sales & Services Limited
12 Cornish St, Korokoro Lower Hutt 5012
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Telephone: +64-4-589-0856 Fax: +64-4-589-0413
vikingnewzealand@vikingcorp.com
Sales Contact: Peter Clark

Viking Sales & Services – Auckland

Unit 4, 17 Airpark Drive
Airport Oaks, Auckland 2022
New Zealand
Tel: (+64) 9 969 9009
Fax: (+64) 9 969 9007
vikingnewzealand@vikingcorp.com

Watts

815 Chestnut Street
North Andover, Massachusetts 01845
Phone: 978.688.1811
FAX: 978.794.1848
Website: www.watts.com

Management:

Ken Nolan, National Product Manager

Company Profile:

Founded in 1874, Watts, part of the Watts Water Technologies family, is one of the world's largest independent valve companies with 10 factories in the United States and Canada. Watts Regulator designs, manufactures, and sells an extensive line of flow control products for the water quality, residential plumbing and heating, commercial and OEM markets.

F.W. Webb Company

152 Will Drive
Canton, Massachusetts 02021
Phone: 781. 828.5559
FAX: 781. 828.8060
Website: www.fwwebb.com

Company Profile:

With 22 years of sprinkler fabrication and distribution experience from a single branch in Stoughton, MA, F.W. Webb Company has executed a fire protection expansion plan by opening a 50,000 sq. ft. state-of-the-art fabrication plant in Canton, MA and simultaneously added fire protection inventories throughout New England and Upstate New York.

Additionally, we've invested in dedicated sprinkler salespeople at these locations, namely, Cranston, RI; Hartford, CT; Albany, NY; Williston, VT and Portland, ME. Our mission is to grow our business by constantly and consistently improving customer service, providing high quality products at a fair price, and investing in new technology that provides sustainable value to our customers.

Wheatland Tube Company

700 S. Dock Street
 Sharon, Pennsylvania 16146
 Phone: 724.983.1692
 Toll Free: 800.257.8182
 FAX: 724.346.7260
 Website: www.wheatland.com

Founded:
 1877

Primary Products/Services:
 Sprinkler, Standard Pipe, Mechanical A53 and A106 Seamless Fence Framework and electrical conduit.

Sales Contact:
 Bob Bussiere, GM Fire Sprinkler Sales

Company Profile:
 Wheatland Tube Company has a broad range of listed and approved steel pipe for use in fire sprinkler systems., from our engineered light wall family of Mega products to standard wall schedule 10 & 40 with sizes to 8". MIC SHIELD™ is the only factory applied antimicrobial coating approved by FM and Lubrizol for use in hybrid sprinkler systems in conjunction with CPVC fire sprinkler systems. Wheatland has products to suit your steel sprinkler applications. For engineering ease, Wheatland also offers the needed seismic and hydraulic calculation data on all products for proper design applications.

Wilkins, a Zurn Company

1747 Commerce Way
 Paso Robles, California 93446
 Phone: 805.238.7100
 FAX: 805.238.5766
 Website: www.zurn.com

Founded:
 1906

Primary Products/Services:
 Valves for Fire Suppression Systems

Market Area:
 Worldwide

Hours of Operation:
 6:30 a.m. . 5:00 p.m. PST Mon..Fri.

Management:

Chris Connors – General Manager
 Rick Fields – Vice President, Sales & Marketing
 Mike Mallas – Sales Manager Fire Protection
 Rachael Wiley.Steffen – Director of Brand Marketing

Sales Contact:

Paul Wait – National Sales Manager
 Phone: 805.226.6296
 FAX: 805.238.5766

Company Profile:

Wilkins, a Zurn Company, offers a complete line of American made factory set, easy field adjustable, and master zone control valves. Available in 1-½" – 6" sizes, in angle and inline pattern and threaded, flanged, and grooved connections.



Darley has provided the Firefighting community with trusted and reliable pumps for over 100 years. You can trust Darley to bring the same level of quality and superior customer service to the NFPA 13D community.

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- ✓ Online purchasing available
- ✓ Buy direct, ships next day
- ✓ Everything needed for a pump-based sprinkler system
- ✓ Manifold, installation skids and tanks available



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International Fire Sprinkler Association Members

Atkore International

16100 S. Lathrop Ave.
Harvey, Illinois 60426
Phone: 708.225.2125
Contact: Ed Kurasz

FM Approvals

1151 Boston.Providence Turnpike
Norwood, MA 02062
United States
Phone: +1 (1) 255.4810
Fax: +1 (1) 781 762. 9375
information@fmapprovals.com
Contact: Peter Stavrianidis

General Air Products, Incorporated

118 Summit Drive
Exton, Pennsylvania 19341
Phone: 610.524.8950
Contact: Ray Fremont

Globe Fire Sprinkler Corporation

4077 Air Park Drive
Standish, Michigan 48658
Phone: 989.846.4583
FAX: 989.846.9231
Contact: Steven Worthington

Job GmbH

Kurt.Fischer.Str. 30
Ahrensburg, Hamburg D22926 Germany
Phone: 011 49 4102 2114.0
FAX: 011 49 4102 2114.70
Contact: Bodo Mueller

Lubrizon Advanced Materials

9911Brecksville Road
Brecksville, Ohio 44141
Phone: 216.447.6268
Contact: Mark Knurek

Minimax GMBH & Co. KG

IndustriestraBe 10/12
Postfach 1260
Bad Oldesloe D.23840
Germany
Phone: 011 49 45 318 03 252
FAX: 011 49 45 318 03 137
Management:
Klaus Hoffman

Potter Electric Signal Company

1609 Park 370 Place
Hazelwood, Missouri 63042
Phone: 314.878.4321
FAX: 314.878.7264
Website: www.pottersignal.com
Contact: Bruce LaRue

Reliable Automatic Sprinkler Company

103 Fairview Park Drive
Elmsford, NY 10523 USA
Phone: 914. 829.2100
FAX: 914 .592.8605
Website: www.reliablesprinkler.com
Contact: Kevin T. Fee

Tyco Fire & Security

Security House.The Summit
Handworth Road–Sunbury.on.Thames, Middlesex
England TW16 5DB
Phone: 011 44 (0)1932 743 478
FAX: 011 44 (0) 932 77 0683
Contact: Martin Harvey

Tyco Fire Protection Products

1467 Elmwood Ave.
Cranston, RI 02910
Tel: 401.781.8220
Toll Free: 800.381.9312
Fax: 401.781.7317
Contact: James Golinveaux

Victaulic

4901 Kesslersville Road
PO Box 31
Easton, Pennsylvania 18044
Phone: 610.559.3300
FAX: 610.923.3971
Contact: Larry Thau

Viking Group

Zone Industrielle Haneboesch
Differdange, L.4562 Luxembourg
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FAX: 011 352 58 3736
Contact: Nicholas Groos

NFSA PROFESSIONAL MEMBERS GUIDE

INDIVIDUALS

Kade Bender

Orange Park, Florida

Kathryn Cifa

Germantown, Maryland

Tom Christman

Caryville, Tennessee

Erin Clayton

Elizabeth, Colorado

Charles Daimler

Dunnellon, Florida

Brandon Friel

Denver, Colorado

Jose Garcia

Bayamon, Puerto Rico

Kent Jones

Eden Prairie, Minnesota

Richard Lennerth

Valrico, Florida

Patrick McMahon

Stuart, Florida

Danette Parker

Lubbock, Texas

Monica Remonato

Pompano Beach, Florida

Angela Sosnosky

Poland, Ohio

Jeff Stuart

Folsom, California

BUSINESSES

AR Sanchez & Associates

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FAX: 787.281.6963
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Email: alex@arsanchez.com

Accént Fire Engineering International, Ltd.

4001 Office Court Dr. Ste 606
Santa Fe, NM 87507
Phone: 800.503.1961
FAX: 505.474.4184
Email: accentfire@aol.com
Contact: Jerry D. Watts, S.F.P.E., President
Services:
Licensed fire protection engineers (AZ, CA, CO, NM, NV, NY, MD, TX); Certified inspectors/investigators (C.F.I.); Plans review and design.

Accord Solutions Group

233 SW Greenwich Dr. #145
Lees Summit, MI 64082
Phone: 913.735.0373
contact: Brandon Folse

AEI Corporation

8197 W. Brandon Drive
Littleton, CO 80125
Phone: 303.339.3240
FAX: 303.756.2911
Contact: Charlie Sullivan
Website: www.aeiengineers.com

AES FPS LLC

29009 188th Avenue SE
Kent, WA 98042
Phone: 253.630.5321
Contact: JD Harpole, III

Affiliated Engineers, Inc.

10 S LaSalle Street
Suite 2700
Chicago IL 60603
Phone: 312.977.2819

website: <http://aeieng.com>
Contact: Leon Marlos

Allianz Risk Consulting, LLC

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Iowa City, IA 52244
Phone: 319.354.9800
FAX: 319.354.1010
Contact: Traci Huffman
Email: traceh67@mchsi.com

Altieri Sebor Wieber Consulting Engineers

31 Knight Street
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FAX: 203.866.5243
website: www.altieriseborwieber.com
Contact: David Lussier, Engineer
Email: dlussier@altierisw.com

Alvine Engineering

1102 Douglas Street
Omaha, NE 68102
Phone: 402.346.7007
FAX: 402.346.9576
website: www.alvine.com
Contact: Nicholas Bernard
Email: nbernard@alvine.com

Amped I R&D

6 Ferndale Road
Seven Valleys, PA 17360
Phone: 312.351.5919
Website: www.ampedi.com
Contact: James Lynch

Aon Fire Protection

Engineering
1000 Milwaukee Avenue Fl 5
Glenview, IL 60025
Phone: 847.953.7700
Fax (Chicago): 847.953.7793
Fax (Corporate): 847.953.7756
Contact: Daniel O'Connor P.E.
Website: www.AonFPE.com

Services:

Fire Protection Engineering, Fire Sprinkler and Alarm Design Services, Code Consulting, Life Safety Evaluations, High Piled Storage Analysis, Mass Notification System Design, Smoke Modeling.

Aon Fire Protection

513 Sparkling Brook Dr.
Leander, TX 78641
Phone: 512.241.2105
Contact: Jerry Hunter

Aon Fire Protection Engineering Corp.

700E. Sonterra Ste 1212
San Antonio, TX 78258
Phone: 210.495.8048
Contact: Jeff Crisler

Applied Fire Protection Services

14401 Sweitzer Lane Ste. 40
Laurel, MD 20707
Phone: 301.595.5558
FAX: 301.595.5444
Website: www.afpengineering.net
Contact: Michael Pleszkoch, Jr., V.P.

Services:

Applied Fire Protection Engineering provides the complete range of fire protection design, consulting and inspection services. See our website: www.afpengineering.net.

Aquatech, Inc.

680 Heacock Rd. Ste. 204
Yardley, PA 19067-6346
Phone: 215.783.5510
FAX: 215.790.0404
Contact: Rocco Dillio
Email: rdillio@aq2000.com

Associates Engineering Systems LLC

5445 Wakefield Ave.
Mount Pleasant, WI 53406
Phone: 262.898.9160
Website: www.associatesengineering.com
Contact: Mark E. Miller, P.E., President
Services: Consulting and design of fire protection systems. Please see website for details.

As-Tech Industries, Inc

728 Moonraker Ct.
Galloway, NJ 08205
Phone: 609.442.3372
Contact: Greg Loomer, President

Astor Park Designs

3422 Long Meadow Road
Tuxedo Park, NY10987
Phone: 920.883.1047
Contact: Samuel Nelson

Automatic Sprinkler Design

133 Rabbit Run Rd.
Sewell, NJ 08080
Phone: 856.981.7331
Contact: Rick Nelson

BCE Engineers, Inc

6021 12th Street E. Ste. 200
Fife, WA 98424
Phone: 253.922.0446
FAX: 253.922.0896
Contact: Fred Blanchard

BCER Engineering, Inc.

5420 Ward Rd.
Arveda, CO 80002
Phone: 303.422.7400
Contact: Stephen Rondinelli

Berners Schober

310 Pine Street
Green Bay, WI 54301
Phone: 920.569.8685
Contact: Jesse Leipert, Fire Protection Designer

BMT Engineering, P.C.

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Boonton, NJ 07005
Phone: 973.331.5121
FAX: 973.331.0544

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Phone: 330.207.4312
Contact: Benjamin Pahanish

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Phone: 414.256.5170
Contact: George Borowski

Burns & McDonnell

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Ste. 300
Bloomington, MN 55437
Phone: 612.781.3827
Contact: Paul Watercott

C&S Wholesale Grocers, Inc.

7 Corporate Dr.
Keene, NH 03431
Phone: 508.889.5005
Website: www.cswg.com
Contact: Nicholas Williams
Email: niwillia@cswg.com

Calico-Sterling Company

1015 Acacia Lane
Davis, CA 95616
Phone: 530.219.1960
Contact: William Green
Email: billgreene@calico-sterling.com

Carlson Design

55 Red Stone Dr.
Weatogue, CT 06089
Phone: 860.651.0622
FAX: 860.651.1221
Contact: Leslie Carlson

Centek Engineering

63-2 No. Branford Rd.
Branford, CT 06405
Phone: 203.488.0580
Contact: Kacee Lawlor

Centerline Design, LLC

6361 W. 800 N.
McCordsville, IN 46055
Phone: 317.410.2200
Contact: Patrick Murray, Owner
Email: pmurray@centerlinedesignllc.com

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14609 S. Woods Landing
Draper, UT 84020
Phone: 801.878.9008
FAX: 801.878.9008
Contact: Jeff Johnson, President

Charles G. Michel Engineering PC

470 Mamaroneck Ave. Ste 411
White Plains, NY 10605
Phone: 914.949.5112
FAX: 914.949.5116
Contact: Charles Michel
Email: cmichel@cgmengineering.com

Cinnco, Inc.

621 E. Grand Ave.
Fruita, Colorado 81521
Phone: 970.261.0660
Contact: Gary Curtis
Email: gcurtis@cinnco.com

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1000 Rochester Hills Dr.
Rochester Hills, MI 48309+
Phone: 248.841.2434
FAX: 248.656.4623
Contact: Ken Nightlinger Mechanical & Plumbing Inspector

Code Consultants, Inc.

2043 Woodland Parkway, Ste 300
St. Louis, Missouri 63146
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Contact: Will Smith, FPE

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237 Bancroft Cove
Franklin, Tennessee 37064
Phone (615) 804-1349
Website: www.codesbasedsolutions.com
Email: rtrotter@codesbasedsolutions.com
Contact: Robert Trotter, Owner, Sr. Fire Protection Consultant

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Collado Engineering PC

2 Holland Ave.
White Plains, NY 10603
Phone: 914.332.7658
FAX: 914.332.7659
Website www.collado-eng.com
Email: info@collado-eng.com
Contact: Albert Collado, P.E.

Services:

Consulting Engineering

Consolidated Utility District

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Phone: 615.867.7302
FAX: 615.893.4913
Website: www.cudrc.com

Consulting Engineering Services, Inc.

811 Middle St.
Middletown, CT 06457
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FAX: 860.682.1768
Contact: Delbert Smith, Jr. Principal

Crane Engineering

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FAX: 763.557.0710
Contact: Scott Nesvold, Metallurgical Engineer

Cummings & Associates

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FAX: 603.224.7467
Contact: Robert Cummings, President
Email: bobcfpe@comcast.net

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Design, stocklisting etc.

Donald Mayo-Fire Protection Consultant, Inc.

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FAX: 925.933.6288
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Draw 4 Me Fire Systems

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FAX: 410.668.8001
Contact: Jeffrey Paul McBride

Eli Lilly and Company

Lilly Corporate Center
Indianapolis, IN 46285
Phone: 317.276.7254
Contact: Thomas Ford

Elite Sprinkler Design & Consulting, Inc.

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Cortland, OH44410
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FAX: 330.638.5332
Contact: Michael Eddy
Email: mike@elitesprinklerdesign.com

Engineered Design Group

31 Nathan Hale Pl.
Freehold, NJ 07728-1386
Phone: 732.761.0108
FAX: 732.761.0109
Contact: Paul Schwartz

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Contact: Douglas Gomes, P.E.

Engineering Systems, Inc

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Norcross, GA 30071
Phone: 678.990.3280
Contact: Michael Hayes
Email: mdhayes@esiatl.com

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FAX: 508.652.8599
Website: www.exponent.com
Contact: Andrew Ellison, Managing Engineer

Exponent Inc.

17000 Science Dr. Ste. 200
Bowie, MD 20715
Phone: 301.291.2501
FAX: 301.291.2599
Contact: Richard Thon Long, Jr.,
Principal Engineer & Office Director
Website: www.exponent.com/fire_protection_engineering

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Provide engineering failure analysis and forensic fire protection engineering services for subrogation and litigation purposes. Also perform traditional fire/life safety evaluations/analyses.

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Contact: Isabel Rozycki

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Website: www.fire-design.com
Contact: Cliff Whitfield, President
Email: cliff@fire-design.com

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Established in late 2002, we provide fire sprinkler shop/submittal drawings prepared in 3D format using AutoSPRINK. Our team is comprised of NICET III & IV certified designers that have worked on projects of all sizes and complexities. We have specialized in 3D coordinated projects for the past six years.

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Website:
www.hei-eng.com or www.hei-fire.com
Contact: Eric Neill, Senior FP Designer
Email: eric.neill@hei-eng.com

Services:

Fire Sprinkler, Fire Suppression, Special Hazards and Fire Alarm System Design and Commissioning. Life Safety and Code Consulting Services, Insurance and Fire Origin Investigations.

Fire Protection Design Consultant

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Contact: Joseph M. Henk, Fire Sprinkler Designer

Fire Safety Consultants, Inc.

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Phone: 847.697.1300
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Contact: Jimbo Schiffliti
Email: jimbo@fiersafetyfsci.com

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PO Box 12573
Albany, NY 12212
Phone: 518.381.6026
FAX: 518.381.6026
Contact: Richard Fifield

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Contact: Russ Slaby
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Website: www.flfire.com
Contact: Jim Duke, President

Services:

We provide fire protection design, 3D- BIM coordination & consultant services.

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Denver, CO 80223
Phone: 303.934.7765
Contact: Marvin Heath, Principal

Forensic Services Group

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Indianapolis, Indiana 46220
Phone: 317.577.0477
Contact: David Zedonis
Email: dzedonis@forensicsg.com

Fortier Engineering

5889 Forbes Ave. Ste 330
Pittsburgh, PA 15217
Phone: 412.521.1880
Website: www.fortierengineering.com
Contact: Daniel Fortier, Principal
Email: dfortier@fortierengineering.com

Services:

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FP Engineering

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FAX: 954.590.9964
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Essex Junction, VT 05452-2518
Phone: 802.434.2968
Contact: Tim Stone

GoCAD, LLC

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Venice, FL. 34293
Phone: 941.244.0252
FAX: 888.234.4150
Contact: Gus Olson

GSM Fire Design

6101 Chickaloon Dr.
McHenry, IL 60050
Phone: 815.791.9100
Website: www.gsmfdinc.com
Contact: Gene Melnytschuk
Email: gene@gsmfdinc.com

Hakenwerth Fire Sprinkler Design

359 Shock Drake Ct.
Wentzville, MO 63385
Phone: 636.332.9578
FAX: 636.327.8750
Email: hfsdesign@centuryPhone.net
Contact: Tony Hakenwerth, Owner

Services:

Fire sprinkler system design.

Harrington Group, Inc.

2400 Meadowbrook Pkwy #250
Duluth, GA30096
Phone: 770.564.3505
FAX: 770.564.3509
Website: www.hgi-fire.com
Contact: Jim Tuten

Services:

Fire protection engineering, safety & health engineering, property loss control consulting, post loss investigation, litigation consulting.

Hawk Fire Protection & Design, LLC

177 Jupiter Trail
Weatherford, TX 76088
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FAX: 817.594.9775
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Phone: 850.567.3303
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Contact: Mike Rahe

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Contact: Charles Ben Toney

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Contact: Bret Tresidder

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Thomas Burtness, Owner

IFSC

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Highland, Maryland 20777
Phone: 301.490.7803
FAX: 301.490.5607
Contact: Jaime Moncada
Email: jam@ifsc.us

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Contact: Jason Grantham, Owner

Jason M. Scates, PE

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Contact: Jason Scates

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Contact: Jairo Soto

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Phone: 732.644.6597
FAX: 732.780.6310
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Email: d.macdonald@kelfire.com

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1534 Ormsby Station Ct.
Louisville, KY 40223
Phone: 502.426.9457
FAX: 502.426.2945
Contact: D. Scott Setliffe
Email: info@kerr-greulich.com

Keyes Life Safety Compliance

6725 Shirland Rd.
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Phone: 815.629.2240
Contact: Brad Keyes, Owner

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Phone: 410.794.1586
Contact: Myron Draper III, FPE

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Danbury, CT 06810
Phone: 203.778.1017
FAX: 203.778.1018
Contact: Kevin Czarnecki

LaBella Associates, DPC

Senior Mechanical Engineer
202 The Commons
Suite 304
Ithaca, New York 14850
Phone: 607.319.4136
Contact: John Hewitt

Lockheed Martin Mission Service

6201 Balsam St.
Cocoa, FL 32927-8891
Phone: 321.853.9561
Contact: Kerry Hammers

Lund Fire Protection, Inc.

PO Box 459
Norwalk, Iowa 50211
Phone: 515.981.0912
FAX: 515.981.0913
Contact: Jonathan Lund

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1506 Prickett Rd. Bldg 3
Bryant, AR 72022
Phone: 501.847.4500
FAX: 501.847.4501
Website: www.mtafire.com
Contact: Kent Stewart, Max Trummel

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433 State St. Ste 410
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FAX: 518.533.2177
Website: www.meengineering.com
Contact: Beth Ann Bilger, Project Designer

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St. Francis, Wisconsin 53235
Phone: 414.483.0100
FAX: 414.483.1211
Contact: David Malek, President

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Phone: 206.622.2007
FAX: 206.622.2248
Contact: Michael Fitz, P.E., VP

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19 Erie Dr. Ste 4
Natick, Massachusetts 01760
Phone: 508.653.5452
FAX: 508.655.1318
Contact: Maurice Pilette

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Phone: 715.832.5680
FAX: 715.832.5668
Contact: Timothy Coach

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West Point, PA 19486
Phone: 215.652.6635
Contact: Dave Kerr

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Gilbert, Arizona 85298
Phone: 480.505.9271
FAX: 866.430.6107
Contact: Travis Mack

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nationalfire@overarch.com
Contact: Nick Anderson

Services:

Fire sprinkler design, NICET Level IV.

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Phone: 617.984.7458
FAX: 617.984.7110
Contact: Christian Dubay, V.P. Codes & Standards

Northeast Fire Systems

140 Union St.
Vernon, Connecticut, 06066
Phone: 860.894.7447
FAX: 860.896.7448
Contact: William Cieslak

Northwest Sprinkler Designs

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Billings, Montana
Phone: 406.534.6726
FAX: 406.534.6727
Contact: Bryan Kendrick

Northwest Sprinkler Designs, LLC

18207 E. 10th Ave.
Spokane Valley, WA 99016
Phone: 509.924.0520
FAX: 509.924.5348
Contact: Rene Gordon

NRG Consultants Inc.

PO Box 377
Jamison, Pennsylvania 18929
Phone: 215.491.1318
FAX: 215.491.3796

Contact: Richard Hallowell, President

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By Joanne Genadio

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portunity to become part of our Annual Seminar and NAFSE. Of course, perks are included with each level, making a sponsorship of great value to the sponsor as well.

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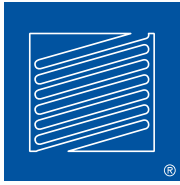
I cannot end this article without mentioning NFSA Executive Assistant Diana Romano. Diana was an indispensable part of the selling of these sponsorships. What I am to the pen, Diana is to the phone. Sponsorship sales would not be the success that it is without her help.

Here you will find a list of all of our 2015 Sponsors. While at the show, please seek them out and thank them and be sure to patronize their businesses. These companies have gone one step beyond to help ensure the success of the biggest NFSA event of the year. They deserve our support and gratitude. 🙏



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Omitting Sprinklers in a Fully Sprinklered Building

As with most simple rules, it's the exceptions that make things interesting.

A fundamental concept in NFPA 13 is that, when we provide automatic sprinkler protection in a building, we provide it throughout the whole building - except for the places where we don't. We lay this out under **General Requirements** (NFPA 13, 4.1) and repeat it again for emphasis under **Installation Requirements** (NFPA 13, 8.1.1*).

4.1 Level of Protection. A building, where protected by an automatic sprinkler system installation, shall be provided with sprinklers in all areas except where specific sections of this standard permit the omission of sprinklers.

8.1.1* The requirements for spacing, location, and position of sprinklers shall be based on the following principles:
(1) Sprinklers shall be installed throughout the premises.

(4) Sprinklers shall be permitted to be omitted from areas specifically allowed by this standard.

A great deal of discussion has been devoted to some of the places where sprinklers are permitted to be omitted in concealed spaces and other unoccupied building spaces but considerably less to when they may be omitted from occupi-

able rooms in an otherwise fully sprinklered building. This article will touch on some of those rooms and the situations where sprinklers may be omitted directly under the requirements of NFPA 13. It will also look at the exceptions created by the combination of NFPA 13 and the International Building Code and International Fire Code (IBC/IFC).

Rooms Where Sprinklers May Be Omitted Under NFPA 13

Four sections in NFPA 13 identify occupiable areas that have special rules allowing sprinklers to be omitted under specific circumstances in elevator mechanical rooms, certain spaces within dwelling units, hospital clothes closets, and electrical equipment rooms.

Elevators

Section 8.15.5 addresses Elevator Hoistways and Machine Rooms. In language new to the 2013 edition of NFPA 13 (8.15.5.3), sprinklers may be omitted from elevator machinery rooms that meet five requirements:

- The room must be devoted to elevator equipment only.
- The room must be provided with smoke or fire detection meeting NFPA 72 alarm requirements.
- The room must be separated from the rest of the building by fire resistant construction meeting the requirements of the applicable building code.
- The room must not be used for storage

of any kind.

- The room must not contain elevator machinery of the hydraulic type.

This allowance represents a reconciliation between the NFPA 13 sprinkler standard and the *Safety Code for Elevators and Escalators* (ASME A17.1); sometimes referred to as the National Elevator Code. In many parts of the country, jurisdiction over elevators falls outside of the realm of local building code enforcement officials and lies instead with a separate AHJ enforcing ASME A17.1. This has occasionally brought about conflicting requirements in the past. The new language in 8.15.5.3 allows sprinklers to be omitted in the mechanical room when it meets the requirements of ASME A17.1 while still allowing the building to be considered "fully sprinklered" for purposes of building code "trade ups."

Dwelling Units

Section 8.15.8 addresses **Dwelling Units** including some special allowances for omitting sprinklers in certain bathrooms,

>> CONTINUED ON PAGE 72



Manager of
Installation Standards

Bob Upson, MSFPE

>> CONTINUED FROM PAGE 71

closets, and pantries located within the dwelling unit itself but only in hotels and motels. Sprinklers may be omitted in small bathrooms (55 square-feet or less) provided that the room has a ceiling and walls of noncombustible or limited-combustible construction. They must provide at least a 15-minute thermal barrier such as might be provided by ordinary gypsum board or green board (NFPA 13, 8.15.8.1.1). Likewise, sprinklers may be

omitted from small closets and pantries (24 square-feet or less) of noncombustible or limited-combustible construction (NFPA 13, 8.15.8.2). These two longstanding exemptions represent early efforts to encourage owners of hotels and motels to install sprinklers by reducing the number of required sprinklers in many typical hotel rooms from four to just two. These omissions have been technically justified by observing that very few fires start in hotel bathrooms or closets. Unlike non-

transient dwelling units where people live for extended periods, these areas in hotels and motels tend to resist the accumulation of combustibles keeping their hazard levels low.

Hospital Closets

Section 8.15.9 addresses **Hospital Clothes Closets** in patient rooms and provides a conservative exemption permitting sprinklers to be omitted from very small clothes closets, defined as 6 square-feet or less, provided that the room sprinklers are spaced to protect the floor area of the closet as if it was a piece of furniture. This is much the same way a freestanding armoire would be treated. This corresponds with a closet allowance in the requirements of the Life Safety Code (NFPA 101, 18.3.5.10*) which apply to virtually every hospital and health care facility in the United States.

Electrical Equipment Rooms

Section 8.15.11 addresses rooms containing Electrical Equipment and the conditions where it is permissible to omit sprinklers in electrical equipment rooms. In order for sprinklers to be omitted, four conditions must be met (NFPA 13, 8.15.11.3):

8.15.11.3 Sprinklers shall not be required in electrical equipment rooms where all of the following conditions are met:

- (1) The room is dedicated to electrical equipment only.
- (2) Only dry-type electrical equipment is used.
- (3) Equipment is installed in a 2-hour fire-rated enclosure including protection for penetrations.
- (4) No combustible storage is permitted to be stored in the room.

The last two requirements are straightforward and reminiscent of the requirements for elevator machinery rooms: no storage and a fire resistance rated enclosure. The first two requirements are less readily understood without establishing what it is that the standard means by "electrical equipment."

NFPA 13 does not provide a definition

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for “electrical equipment” which leads us first to the Merriam-Webster Dictionary, 11th Edition, as required by 3.1 (NFPA 13). This provides us with definitions for “electrical” and “equipment” but not together as a term of art. Defining electrical equipment in this context is left to professional judgment. One reasonably supportable interpretation is that, in this context, the committee’s intent is to allow the omission of sprinklers from rooms containing equipment dedicated to the generation, transmission, and distribution of electrical power - not just any old equipment that happens to run on electricity.

Like NFPA 13, the *National Electrical Code* (NFPA 70) lacks a definition for electrical equipment but *Recommended Practice for Electrical Equipment Maintenance* (NFPA 70B, 3.3.22) does not:

3.3.22 Electrical Equipment.

A general term applied to the material, fittings, devices, fixtures, and apparatus that are part of, or are used in connection with, an electrical installation and includes the electrical power-generating system; substations; distribution systems; utilization equipment; and associated control, protective, and monitoring devices.

The U.S. Department of Energy provides a similar definition in the Code of Federal Regulations (18 CFR Conservation of Power and Water Resources 2015):

Electrical equipment means any apparatus, device, integral component, or integral part used in an activity which is electrically, electronically, mechanically, or by legal prescription necessary to the process of generation, transmission, or distribution of electric energy.

The second condition listed in 8.15.11.3 mentioning dry-type electrical equipment is consistent with these definitions as “dry-type” power transformers arguably provide a less significant fire hazard than oil coolant filled “wet-type” transformers.

Lastly, this situation parallels the elevator situation in that power transmission and distribution equipment located in a

building can, under some circumstances, fall under the jurisdiction of a public utility and not under the jurisdiction of building code officials. In those cases, the permission to omit sprinklers within the language of NFPA 13 can provide a buffer between overlapping jurisdictions and conflicting regulations.

Room Exemptions Permissible Under IBC/IFC

Most of the International Building Codes allowances for omitting sprinklers fall under 903.3.1.1.1. Some of these correspond with exemptions already provided under NFPA 13 but others are unique.

[F] 903.3.1.1.1 Exempt locations.

Automatic sprinklers shall not be required in the following rooms or areas where such rooms or areas are protected with an approved automatic fire detection system in accordance with Section 907.2 that will respond to visible or invisible particles of combustion. Sprinklers shall not be omitted from any room merely because it is damp, of fire-resistance-rated construction or contains electrical equipment.

This section provides six exemptions. The first two are consistent with NFPA 13’s elevator exemptions:

- Fire service access elevator machine rooms and machinery spaces. (ICC, 903.3.1.1.1(5))
- Machine rooms, machinery spaces, control rooms and control spaces associated with occupant evacuation elevators designed in accordance with Section 3008 of the International Building Code. (ICC, 903.3.1.1.1(6))

The next exemption is consistent with the previously stated interpretation of NFPA 13’s allowances for electrical equipment. The last part of the charging language in 903.3.1.1.1 makes it clear that sprinklers are not to be omitted just because a room contains any random electrical equipment: “*Sprinklers shall not be omitted from any room merely because it... contains electrical equipment.*” A similar exemption is provided for buildings

and rooms containing telecommunications equipment, provided with smoke detection, and separated by 2 hour fire resistant construction (ICC, 903.2 Exception).

- Generator and transformer rooms separated from the remainder of the building by walls and floor/ceiling or roof/ceiling assemblies having a fire-resistance rating of not less than 2 hours. (ICC, 903.3.1.1.1(3))

NFPA 13 provides exemptions for non-combustible concealed spaces but the exemption for noncombustible occupiable rooms with noncombustible contents is unique to IBC/IFC.

- Rooms or areas that are of noncombustible construction with wholly noncombustible contents. (ICC, 903.3.1.1.1(4))

Lastly, although NFPA 13 does not identify a specific exemption corresponding to 903.3.1.1.1(1), it is stated implicitly in the Scope and Purpose of the sprinkler standard. Clearly, it is not the intention of NFPA 13 to require sprinklers in a space where discharging water would create more of a hazard than a fire would create in an unsprinklered room.

- Any room where the application of water, or flame and water, constitutes a serious life or fire hazard. (ICC, 903.3.1.1.1(1))

The last of the IBC/IFC exemptions is the most challenging because it is so entirely subjective.

- Any room or space where sprinklers are considered undesirable because of the nature of the contents, when approved by the fire code official. (ICC, 903.3.1.1.1(2))

“Undesirable” could be any condition that the AHJ can be convinced to accept. In the last part of this article, we will discuss one of the situations most commonly proposed as “undesirable” and why omitting sprinklers in that situation may not be prudent fire protection.

Sprinklers and Server Rooms

Computer server rooms are often pro-

posed as rooms where the sprinklers are “undesirable” and an exemption is sought. As businesses become more and more dependent on computer technology, the value of their information systems increases so it is no wonder that they are very protective of those systems. Concern over potential water damage from sprinklers in server rooms is an understandable but unjustified reaction. A common request is to permit the omission of sprinklers in server rooms in exchange for providing a clean agent system; permissible under 903.1.1 and the sprinkler exemptions discussed previously.

[F] 903.1.1 Alternative protection. Alternative automatic fire-extinguishing systems complying with Section 904 shall be permitted in lieu of automatic sprinkler protection where recognized by the applicable standard and approved by the fire code official.

However, from a practical standpoint, this means that none of the trade ups available for fully sprinklered buildings are available for buildings protected by alternative protection methods.

[F] 904.2.1 Restriction on using automatic sprinkler system exceptions or reductions. Automatic fire-extinguishing systems shall not be considered alternatives for the purposes of exceptions or reductions allowed by other requirements of this code.

Simply put, alternative protection methods do not provide the same level of protection as installing an automatic sprinkler system throughout the building. While clean agent systems provide potentially the least damaging protection method for electronic equipment, they are single discharge systems. If a fire is not extinguished sufficiently by the initial discharge, it may rekindle and grow unchallenged in a room now without a working fire protection system.

The fact is that the NFPA *Standard for the Protection of Information Technology* (NFPA 75) requires sprinklers in server

rooms located in buildings provided with sprinklers. In buildings without sprinklers, it requires server rooms to be provided with sprinklers, clean agent systems, or both. Clearly, any misgivings about protecting server rooms with sprinkler systems are not shared by the committee tasked with developing NFPA 75.

8.1 Automatic Fire Protection Systems


8.1.1 Information technology equipment rooms and information technology equipment areas located in a sprinklered building shall be provided with an automatic sprinkler system.

8.1.1.1 Information technology equipment rooms and information technology equipment areas located in a nonsprinklered building shall be provided with an automatic sprinkler system, a gaseous clean agent system, or both (see *Section 8.4*).

Rather than omitting sprinklers in server rooms in favor of clean agent systems, the best practice would be to provide a clean agent system for the least potentially damaging protection of the information systems in addition to the sprinkler system for the protection of both the room’s contents and structure itself. Where concern exists over potential water damage, the server room should be protected using a single interlock preaction system thus substantially reducing the information systems’ potential exposure to water damage.

Summary

NFPA 13 and IBC/IFC provide several generally well defined situations where sprinklers may be omitted. Due care and consideration should be taken to consider the impact on fire protection when these options are exercised. In some cases these omissions can equate to substantial cost savings with minimal affect on fire protection. In others they can have significant negative impact on fire protection coupled with the loss of considerable savings in sprinkler trade ups. It is important that each case be

evaluated thoroughly. 

REFERENCES

18 *CFR Conservation of Power and Water Resources*. U.S. Government Printing Office. March 2, 2015.

ASME A17.1. *Safety Code for Elevators and Escalators*. New York, NY: American Society for Mechanical Engineers, 2010.

ICC. *International Building Code*. 2015. Country Club Hills, IL: International Code Council, 2014.

-. *International Fire Code*. 2015. Country Club Hills, IL: International Code Council, 2014.

NFPA 101. *Life Safety Code*. 2015. Quincy, MA: National Fire Protection Association, 2014.

NFPA 13. *Standard for the Installation of Sprinkler Systems*. 2013. Quincy, MA: National Fire Protection Association, 2012.

NFPA 70. *National Electrical Code*. 2014. Quincy, MA: National Fire Prevention Association, 2013.

NFPA 70B. *Recommended Practice for Electrical Equipment Maintenance*. 2014. Quincy, MA: National Fire Protection Association, 2013.

NFPA 75. *Standard for the Fire Protection of Information Technology*. 2013. Quincy, MA: National Fire Protection Association, 2012.

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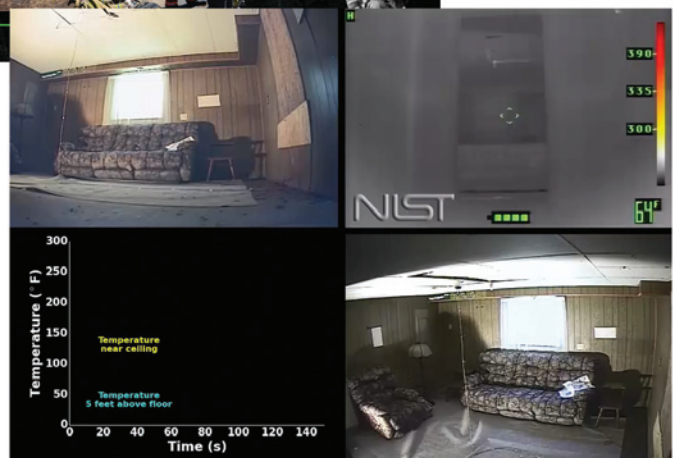
Notes from the Fire Scene

At a recent Smoke Alarm Summit, hosted by Vision 20/20 in Baltimore, Maryland, fire sprinklers took center stage. How you may ask? Presence. Our NFSA **#fastestwater** campaign is making a difference with fire service leaders, as was evidenced at the Summit. Our presence via social media venues, specifically Twitter, was recognized at the Summit, which was attended by national leaders from allied organizations including the U.S. Fire Administration and the National Fire Protection Association (NFPA).

Bobby Halton, Editor of Fire Engineering, recognized **#fastestwater** as an example of social media working and how positive influence happens when you choose a hashtag that resonates and stick with it consistently.

For those of you who follow NFSA on Twitter (@NFSAorg) you know that we add the hashtag throughout our daily posts, helping to “trend” our topic. Basically, anywhere you would use the word fire sprinklers you add the marketing term that makes us trend, **#fastestwater**. Joanne Genadio, NFSA Manager of Marketing, gets creative with highlights of sprinkler saves and stories that spotlight fire sprinklers in action. She also does a great job of sharing the tragedies... where there were no fire sprinklers and the outcome is non-desirable.

So, what about the back story on **#fastestwater**? Or, as Paul Harvey would ask, “what’s the rest of the story?” **#fastestwater** was born in direct response to



fire dynamics research conducted by the International Society of Fire Service Instructors (ISFSI), National Institute of Standards and Technology (NIST), and the South Carolina State Fire Marshal's Office (at the time led by NFSA's own Chief Shane Ray). During research conducted in Spartanburg, SC, the hashtag **#fastwater** was born. The basic notion



Vickie Pritchett

Director of Public Fire Protection

>> CONTINUED FROM PAGE 75

here is that the faster firefighters can get water on the fire the better the outcome for citizens and firefighters alike. Makes common sense even to us non-firefighters doesn't it?

Dan Madrzykowski, Chief Fire Research Scientist with NIST, provided us the opportunity to conduct a fire sprinkler test during both research series (2013

and 2014) at Spartanburg Burns. Asking NFSA's Director of Public Fire Protection (me) to ignite the fire where fire sprinklers were present was a logical thought, and the media on-hand to document the research were all tuned in to see fire sprinklers in action. As the fire grew, and once temperature of 150 degrees plus was reached, the fire sprinkler activated and controlled the fire. Our immediate

comment to Dan and the media present was "now that's fastest water!" Obviously, the phrase stuck and continues to help us spotlight fire sprinklers in action.

How can you embrace this campaign? First of all, if you're not engaged in the world of Twitter, I encourage you to sign up. This platform allows you to follow individuals and organizations - I can honestly say that keeping up with breaking news is easier for me because of Twitter. Once you have established your online presence, join in and help us "drive" the conversation. Say things about fire sprinklers and add the #fastestwater. Retweet the items that are shared on a daily basis by NFSA (@NFSAorg) - my Twitter accounts are @vickiep4 and @NFSAFPF - if you want to keep up in real time to where we are and what we are learning as Public Fire Protection works to build partnerships and allies across America. We'd love to have you join our conversation, and many times help us create it. As we focus on sharing the good news of fire sprinkler saves, association news & events, and positive leadership items as well, we look forward to growing our reach. Working together we are making a difference by sharing what we do and who we are. We are on a mission to grow our team!

Happy Tweeting - let's showcase #TeamNFSA and #fastestwater - and grow both our presence and reach. And make more friends along the way! Are we "trending" yet? 📈

*Until next time, Stay Safe,
Vickie*



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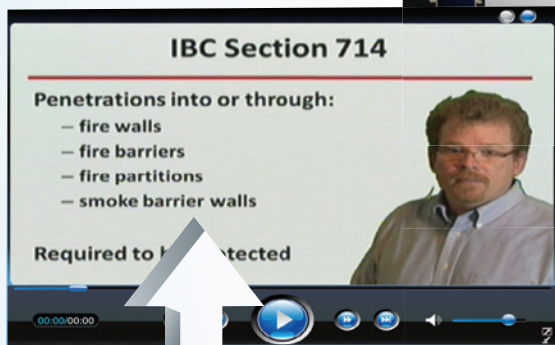
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Coordinating NFPA 25 and NFPA 72 ITM Requirements

By Jason Webb

The inspection, testing, and maintenance (ITM) requirements for some parts of sprinkler systems are addressed by other documents in addition to NFPA 25. With many electrical components, those ITM requirements can be found in NFPA 72, the National Fire Alarm and Signaling Code. Both NFPA 25 and NFPA 72 recognize this and expect, even require in the case of NFPA 25, coordination during ITM. This coordination requirement doesn't mean that one standard takes precedence over another; the requirements of both must be met. What is critical is how to achieve coordination and while complying with both NFPA 25 and NFPA 72 at the same time.

Before discussing the coordination needs, it is important to understand the purpose and the scope of the two documents. The purpose of both is similar in that the goal is to ensure a reasonable degree of protection through ITM. Neither document attempts to address every possible circumstance in every case. The difference, though, is in their scope. While NFPA 25 is focused solely on wear and tear of existing water-based fire protection systems, NFPA 72 is a comprehensive document detailing design, installation, and performance of fire alarm and other systems, as well as ITM.

Because of that major difference, a typical system inspection takes on a totally different look depending on which standard or code applies. NFPA 25 Section 1.1.3.1 makes it clear that verifying the adequacy


of the system design is not part of routine ITM. Chapter 14 of NFPA 72, on the other hand, includes as part of its inspection requirements to "inspect for building modifications, occupancy changes, changes in environmental condition" that effect equipment performance.

Even though the scope of inspections differ between the two documents, testing procedures of some common components are the same. For example, both NFPA 25 and 72 outline the testing of valve supervisory switches and water flow devices the same way. But while the test methods may be the same, in the case of valve supervisory switches, the frequencies are not. NFPA 25 requires that they be tested semi-annually while NFPA 72 requires testing on an annual frequency. Because NFPA 25's frequency exceeds NFPA 72's, testing per NFPA 25 will, of course, meet the requirements of NFPA 72.

Some components addressed by both NFPA 25 and 72 can be inspected and tested alone, but in many cases, they are part of a larger system and need to be tested together with other parts of the system. NFPA 25 now requires that the full flow test of preaction and deluge valves incorporate the "full functionality of the system as a unit." That section (13.4.3.2.2.1) is new in the 2014 edition and was written to ensure that all system components are tested together to verify proper system operation.

NFPA 25 addresses the issue of coordination directly in chapter 1. NFPA 72 also

speaks to it although not as clearly. Both, though, require that whoever is performing ITM work be qualified. That is ultimately the key. The technicians inspecting and testing the systems and their individual components must be knowledgeable of their limits and their individual scope of work. Some states and local jurisdictions address this through licensing laws and other workplace regulations.

There are many more coordination nuances than can be addressed in this column. For that reason, NFSA has partnered with the Automatic Fire Alarm Association (AFAA) to produce and deliver a full-day training seminar on this topic. This course is team-taught by subject-matter experts from both associations and will be delivered across the country in the coming months. Visit www.nfsa.org and follow the link to the seminar calendar for more information on dates and locations. 



Director of
Inspection, Testing
& Maintenance

Jason Webb

REGIONAL ROUNDUP

NEW ENGLAND REGION



DAVE LAFOND
Regional Manager

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

NFSA's Connecticut Chapter is up and running. They met most recently at the Crowne Plaza in Cromwell, CT to discuss local legislation affecting the fire sprinkler industry and set plans for the chapter's expansion.

The Chapter's officers are:

PRESIDENT

John Abbate, Fire Protection Testing

VICE PRESIDENT

Janet Blumberg, M.J. Daly

TREASURER

Ken Olivieri, SRI Fire Sprinkler

SECRETARY

Dan Gackowski, Davis – Ulmer Sprinkler

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NEW YORK REGION



DOMINICK KASMAUSKAS
Regional Manager

NEW YORK

The next meeting of NFSA's Empire Chapter will be held June 9th at Charlie Brown's in Fishkill, New York. Social hour will be 5:30 p.m. - 6:30 p.m. with dinner at 6:30 p.m. followed by a general business meeting during which plans will be discussed for the Chapter's fundraiser golf outing being held August 7th. ☎

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MID-ATLANTIC REGION



RAYMOND W. LONABAUGH
Regional Manager

DELAWARE, MARYLAND, NEW JERSEY,
PENNSYLVANIA, VIRGINIA, WASHINGTON D.C.

The year's Annual NFSA New Jersey Chapter Benefit Golf Outing will benefit the New Jersey State Fire Protection and Prevention Association. The golf outing will be held on June 4, 2015 at the Beaver Brook County Club, 25 Country Club Drive, Annandale, NJ 08801, the same location as last year. Registration is at 11:30 a.m. with a shot gun start at 1:00 p.m. Play format is a four person team scramble. Cost is \$175.00 per player which includes a BBQ lunch, dinner, green fees, cart, and five beverage cart tickets. Prizes include 1st, 2nd and last place winners, longest drive and closet to the pin. There is a special foursome with tee sponsor at \$800.00. Cost for dinner only is \$50.00.

Registrations are limited to the first 144 paid registrants.

For more information call David Kurasz at 866.226.6006 or email Kurasz@nfsa.org. ☎

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SOUTHEAST REGION



WAYNE WAGGONER
Associate Director of Regional Operations - East

ALABAMA, GEORGIA, MISSISSIPPI,
NORTH CAROLINA, SOUTH CAROLINA,
TENNESSEE

NFSA's Board of Directors held its most recent meeting in Atlanta, Georgia at the Marriott Marquis. It was the first time in the new millennium that the association's Board of Directors met in the Southeast Region, providing the unique opportunity for NFSA's Board to hear updates from

representatives of three state fire sprinkler associations in the region.

Patrick Cordi and Ray Vance were in attendance representing the Georgia Fire Sprinkler Association, Greg Willis representing the Alabama Fire Sprinkler Association and Scotty Mill representing the South Carolina Fire Sprinkler Association. Each thanked NFSA for the training support they have received and for the invitation to attend the meeting. ☎

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FLORIDA & PUERTO RICO



LORELL BUSH
Regional Manager

FLORIDA, PUERTO RICO

On March 23rd the Florida Fire Sprinkler Association – a chapter of NFSA held the 21st Annual Buddy Dewar Golf Classic at Mystic Dunes Resort in Celebration, Florida. Despite early morning rain, more than 160 golfers turned out for one of the fire sprinkler industry's premier events. In recognition of his many contributions to the advancement of the fire sprinkler industry, Buck Buchanan of Globe Fire Sprinkler Corporation was honored as this year's Champion of the Industry, the chapter's highest honor. ☎

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GREAT LAKES REGION



RON BROWN
Regional Manager

INDIANA, MICHIGAN, OHIO,
WEST VIRGINIA, KENTUCKY

On April 21, 1934 at Ohio State Penitentiary, a fire killed 320 inmates, making it one of the worst prison disasters in American history. Although some guards worked to save the lives of their charges, the seemingly willful indifference displayed by other guards led to a general riot. Firefighters initially could not get access to the fire because angry prisoners pelted them with rocks. By the time the fire was controlled, hundreds were dead or seriously injured. The tragedy was largely condemned by the media as preventable. 📞

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ILLINOIS REGION



BOB TINUCCI
Regional Manager

ILLINOIS

A fire in a Sandburg Middle School science classroom damaged ceiling tiles, class supplies and audio-video equipment, but no one was injured thanks to a fire sprinkler system. Firefighters arriving on the scene from Elmhurst Fire Department found heavy smoke coming from the first-floor science room. By then, faculty and students had all been safely evacuated.

It is believed the fire was caused by a chemical reaction. Thanks to the fire sprinkler system damage from the fire was minimal. The fire service was able to clean up the area, replace the activated sprinkler and put the system back in service. 📞

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WISCONSIN REGION



DAN GENGLER
Regional Manager

WISCONSIN

NFSA's Regional Manager Dan Gengler attended the two-day Wisconsin State Firefighter Association Convention and Exhibit in Stevens Point March 6 & 7. More than 600 members of the association attended the three-day conference to enhance their volunteer and paid-on-call fire service skills.

The NFSA booth was busy for the exhibit portion of the convention. As with all exhibitions, new believers and doubters are given insight as to the value of fire sprinkler protection. With this particular event, educating the firefighters occasionally becomes a challenge that is met. As Dan has often said, "To PLAY with us, you've got to be good. To STAY with us, you've got to be better. And to BEAT us, you've got to be kidding!" 📞

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MINNESOTA REGION



TOM BRACE
Regional Manager

MINNESOTA

A fire in a St. Cloud textile rental services and supply company was extinguished by a fire sprinkler system. The St. Cloud Fire Department was alerted by an alarm shortly after midnight. Upon arrival at the scene, they found the fire was being controlled by the fire sprinkler system. There were no injuries reported and damage was limited to \$2,000 for the pile of linen in which the fire started and the

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REGIONAL ROUNDUP

>> CONTINUED FROM PAGE 81

smoke that filled the building. ☹

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CENTRAL REGION



CHRIS GAUT
 Regional Manager

IOWA, KANSAS, MISSOURI

On May 10th in Columbia, MO, the Missouri Fire Sprinkler Coalition hosted a one-day Fire Sprinkler Summit that was well received with over 50 building and fire code officials in attendance. There were several presentations given which included Matt Klaus of NFPA, Tom Lia of the Northern Illinois Fire Sprinkler Advisory Board, and Peg Paul of the Home Fire Sprinkler Coalition. Topics included NFPA 13D overview, Public Outreach about Home Fire Sprinklers, and a great presentation done by Chief Rick Ennis of Cape Girardeau about how the fire service should be embracing fire sprinklers. The Columbia Fire Department conducted a side by side burn. A special thank you goes out to the St. Louis Fire Sprinkler Alliance and the Kansas City Area Fire Sprinkler Contractors Association who sponsored lunch for the event.

Chris Gaut

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SOUTH CENTRAL REGION



CYNTHIA GIEDRAITIS
 Regional Manager

ARKANSAS, LOUISIANA,
 OKLAHOMA, TEXAS

The North Texas Chapter of NFSA is up and running and actively addressing local legislative issues, arranging training seminars and working to improve business conditions. Below is a list of officers. Anyone in the industry interested in joining in the chapter's efforts are encouraged to contact a chapter officer or NFSA Regional Manager Cindy Giedraitis.

NFSA NORTH TEXAS CHAPTER OFFICERS:

Chair - David Welcher,
 Automatic Sprinkler of Texas -
dwelcher@autosprinkeroftx.com

Vice Chair - John Pecot, SimplexGrinnell
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Treasurer - Tate Hitzeman,
 Globe Fire Sprinkler Corporation
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Secretary - Dale Payne,
 Northstar Fire Protection of Texas
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Officer at-large - Jon Lopez,
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Office at-large - Daniel Merritt,
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NFSA Area Director - John Kauffman III,
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Cindy Giedraitis

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 77842. Phone: 979.324.8934

GREAT PLAINS REGION



ERIC GLEASON
 Regional Manager

Colorado, Nebraska, North Dakota,
 South Dakota, Utah, Wyoming

The Colorado Fire Protection Association's (CFPA) 2015 Fire Protection Expo will be held May 7th at the Double Tree Hotel in Denver, CO. In addition to a vendor trade-show, the event will also include apprentice training and seminars with continuing

education credit being offered.

For more information, contact CFPA at 303.506.6140. ☹

Eric Gleason

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 phone: 720.470.4894

SOUTHWEST REGION



BRUCE LECAIR
 Associate Director of Regional
 Operations - WEST

CALIFORNIA, HAWAII, NEW MEXICO, NEVADA,
 ARIZONA

The Arizona Chapter of NFSA announced the appointment of David Fa-book from the Tempe Fire Department as Secretary-Treasurer of the newly formed Chapter. David is one of the only, if not the first non-industry board member of a local NFSA chapter in the United States.

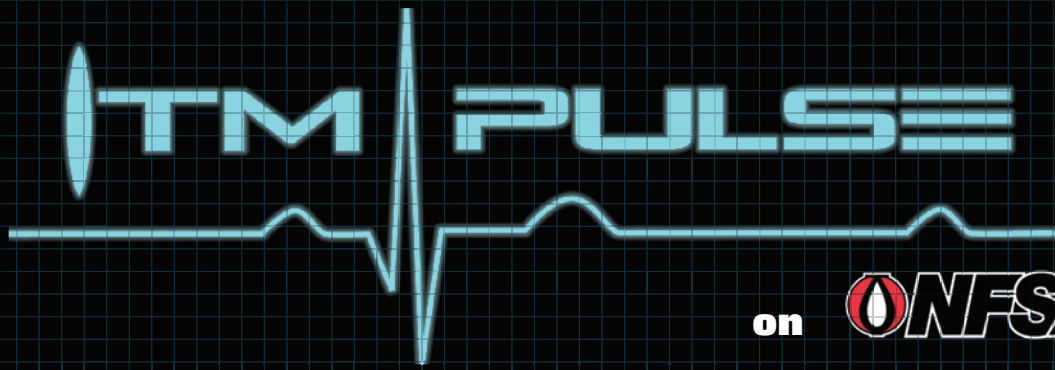
Chapter President Fred Graves wrote, "David's appointment and acceptance of this position is representative of our Chapter's vision of this Association and the role we want to play in the fire protection and fire prevention industry throughout the state of Arizona. We firmly believe that the local Fire Departments and Fire Prevention Divisions are critical stakeholders in the industry as plan reviewers, inspectors, and code enforcers of properly installed and maintained fire protection systems. Many times the first responders are the ones at the greatest risk in the event of the failure of one of these systems. I believe David's presence on our board is an indication of our desire to be very inclusive of the Fire Protection/Prevention arm of our industry in the activities, influence, and future growth of our Arizona Chapter of NFSA."

In his new capacity, David was formally introduced to Chapter members at its March 17th meeting held at the Phoenix Fire Department Training Center in Phoenix, Arizona. ☹

Bruce Lecair

NFSA's Associate Director of

>> CONTINUED ON PAGE 84



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James Lake

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Jason Webb

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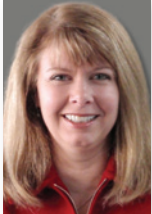
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NORTHWEST REGION



SUZANNE MAYR
Regional Manager

ALASKA, IDAHO, MONTANA, OREGON,
WASHINGTON

NFSA's Two-week Layout Technician Seminar Coming to Washington

Ken Isman and John Corso will be the instructors at NFSA's two-week Layout Technician class June 1 - 12 in Fife, WA. This "fire sprinkler boot camp" is geared toward students that are fairly new to the industry (5-6 months on the job is ideal) and have basic knowledge of math, physical science and drafting skills. The class teaches them to be productive basic sprinkler layout and detailing technicians. All of the work elements necessary for NICET Level II Certification will be covered by the course.

The fee includes continental breakfast, lunch, and all course materials (copy of NFPA 13 2010 edition, the NFSA textbook "Layout, Detail & Calculation of Fire Sprinkler Systems," and a workbook of exercises and useful handouts. Lodging costs are NOT covered. (Remember the US Open is in the Tacoma area at this time so reserve early!)

Homework will be assigned each night. Each day will begin with a review of the previous night's homework. Classes begin at 8 a.m. and should conclude by 5 p.m., with the last day ending no later than 1 p.m. The classes will be held at the Patriot Fire Protection Conference Center, 7107 28th Street East, Fife, WA 98424.

Registration: NFSA Members/AHJs \$1,300 Non-Members: \$1,900

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Solberg's Ted Schaefer Retires – Honored for His Contributions

Ted joined Solberg in 2007 as General Manager for the Asia Pacific Region, when Solberg Scandinavian AS purchased the assets of 3M Australia upon its withdrawal from the firefighting foam market. Over his 35 year career, Ted received many industry awards and honors, and has written numerous conference papers and publications on firefighting foams that have helped raise the standards in firefighting foam technology. The Solberg Family wishes Ted all the best in his retirement as he will be missed by his friends and colleagues.

Ameripipe Supply, Inc. To Launch Atlanta Operation

Company taps Gary Singleton as Manager Dallas-based construction wholesaler and fabricator Ameripipe Supply, Inc. has announced it is opening a fabrication and warehouse distribution operation in the Atlanta suburb of Stone Mountain. The company also said **Gary Singleton**, a 32-year fire protection and fabrication veteran, will serve as manager of Ameripipe's seventh and newest branch.

Singleton most recently was sales man-

ager for Central Pipe & Supply of Atlanta. He began his career in 1983 with the Sunbelt Marketing division of Nibco, and then had success at Viking Supply, Reliable Automatic Sprinkler, Guntersville Fabrication, Douglas Leonhardt, and American Fabrication.

Ameripipe-Atlanta will be located in a 38,400-square-foot facility at 1554 Litton Dr. in Stone Mountain, one block off Mountain Industrial Blvd. In addition to pipe fabrication services, the company will distribute pipe, valves, fittings, hangers and accessories from industry-leading manufacturers such as Bull Moose Tube, Tyco Fire, Globe Sprinkler, Guardian Equipment, Nibco, Watts, Ames, Spears, FPPI, Ward Manufacturing, Weldbend, Anvil and Elite. Ameripipe is a member of Delta Distributors, LLC, a national buying group based in the Atlanta suburb of Norcross.

In its 36th year, Ameripipe is one of the South's leading independent suppliers of pipe, valves, fittings and fabrication services to contractors in the fire protection, HVAC, plumbing and oilfield construction sectors. With headquarters in Dallas, the company also has warehouse and fabrication operations in Atlanta, Houston, San Antonio, Austin, Oklahoma City, and Tulsa.

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