ILLINOIS MASTER PLUMBER

ILLINOIS ASSOCIATION OF PLUMBING. HEATING. COOLING. CONTRACTORS

Volume 102, No. 8

August 2016



PRESORTED STANDARD U.S. POSTAGE PAID Springfield, IL Permit No. 137



309-688-1068

"Best Products....Best Prices....Best Service"

309-688-4120

Connor Co. has been family owned business since 1936, servicing and building relationships with companies in the Plumbing, HVAC, and Industrial PVF industries. Connor Co. has twenty-three locations that work together with vendors to provide the best products to our loyal customers. Our customers are the most valued asset to Connor Co. By staying committed to our motto "Best Products...Best Prices...Best Service" Connor Co. will continue to provide quality products and build customer relationships.







- **Peoria, IL. 61615** 1209 W. Pioneer Parkway PH: 309-693-7229
- Macomb, IL 61455 433 N. Campbell PH: 309-833-2148
- Kankakee, IL 60901 1600 Grinnell Road PH: 815-933-6688
- **Urbana, IL 61801** 1900 N. Lincoln Ave. PH: 217-367-7601
- **Peru, IL 61354** 3 Terminal Road PH: 815-224-1205
- **Sugar Grove, IL 60554** 694 Heartland Dr. PH: 630-466-3284
- **East Moline, IL 61244** 4342 Kennedy Dr. PH: 309-796-2120

- **Springfield, IL 62703** 1400 South 9th St. PH: 217-544-9612
- Mattoon, IL 61938 1308 Lakeland Blvd. PH: 217-235-4328
- Bloomington, IL 413 E. Oakland Ave. PH: 309-828-000
- Galesburg, IL 61401 2315 Grand Ave. PH: 309-342-7000
- McHenry, IL 60051 3918 N. Richmond Road PH: 815-385-4404
- **Danville, IL 61832** 520 E. Fairchild PH: 217-446-1818
- **Rockford, IL 61109** 3537 Merchandise Dr. PH: 815-874-1515
- Terre Haute, IN 47802 2800 S. State Road 63 PH: 812-232-3333

- Quincy, IL 62301 1328 Seminary Rd. PH: 217-228-7898
- Collinsville, IL 62234 #3 Business Center Court PH: 618-344-9200
- **Decatur, IL 62526** 3130 N. Grand Prix Dr. PH: 217-875-5626
- Marion, IL 62959 801 Skyline Dr. PH: 618-993-1031
- **Jacksonville, IL 62650** 630 Brooklyn Ave. PH: 217-243-3411
- Freeport, IL 61032 1028 II Rte. 26 N. PH: 815-235-7789
- **St. Louis, MO 63146** 2374 Grissom Dr PH: 314-994-9799
- Comfort Supply Peoria, IL 61603 2800 NE Adams St. PH: 309-688-4407















ILLINOIS MASTER PLUMBER

ILLINOIS ASSOCIATION OF PLUMBING-HEATING-COOLING CONTRACTORS



Volume 102, No. 8

® (********************************* 2

AUGUST 2016

OFFICERS

President

Steve Stimson

Deer Creek

Secretary

Jim Boos Effingham

Pres

President-Elect Jeff Brown Bloomington

Treasurer

John Matthews

Champaign

President Emeritus

Erik Graybeal *Bloomington*

Executive DirectorBeverly Potts

Associate Director
Shelly Lott

The Illinois Master Plumber published monthly, is the official publication of the Illinois Plumbing-Heating-Cooling Contractors Association, only insofar as notices, bulletins, and reports are concerned.

Editorial and personalized news stories reflect the opinions of the writers, and not necessarily that of the Association. Neither the Association nor this magazine accepts responsibility for statements or claims made by advertisers for their products or services.

POSTMASTER: Please Forward Change of Address Notice on Form 3578 and Copies Returned Label Form 3579

To: Illinois PHCC
821 South Grand Avenue West
Springfield, Illinois 62704
Telephone (217) 522-7219
BEV @ ILPHCC.COM
WWW.ILPHCC.COM

EDITORIAL AND EXECUTIVE OFFICES

821 South Grand Avenue West Springfield, Illinois 62704 Telephone: (217) 522-7219 FAX: (217) 522-4315 1(800) 795-PHCC

CONTENTS

ADVERTISERS

Champion
Connor Company
Federated Insurance
Hodes
H.R. Stewart
Inland Sales
Jim Murray
Liberty Pumps
Rheem
Test GaugeBack Cover
Torvac
Zoeller
Zurn



PRESIDENT'S THOUGHTS

by Steve Stimson
Illinois PHCC President

WOW!! July got really hot! I hope everyone stayed cool! The much needed rain and warm temps sure have helped the crops in the central part of the state. Before we know it the farmers will be back in the fields for harvest. Fall means cooler temps, but for me and my family it means sports. Our daughter Ashton plays high school volleyball and our son Trey plays JFL football. I'd like take just a few minutes to talk about Ashton & Trey, as well as my nephews Jacob & Garett, and my niece Morgan.

My nephew Jacob is 19 and is a laborer working for G.A. Rich. He is getting a taste of water plant work as he assists in the installation of the large diameter site piping, the installation of the smaller interior process piping, chemical feed piping, and everything in between. Jacob is truly learning what it takes to protect the health of the nation. His younger brother Garett is going to be a junior in high school and has spent the summer working his butt off wrestling, going to camps from one end of the state to the other, and most recently competing at the cadet/ junior Greco national championships in Fargo, ND. In his spare time he gets to work in the family business.

My beautiful niece Morgan will be starting her sophomore year at Greenville College in southern Illinois. She has spent her summer really stretching herself physically, mentally & spiritually. Morgan spent 8 days in Grenada on a mission trip helping to teach young children. Then during our hot July weather she spent 10 days hiking in the Smoky Mountains learning how to lead and trust in God's direction & plan for her life.

Our daughter Ashton, whom we haven't seen much, like Garett spent the summer working her butt off at volleyball camps and physical training workouts. She spent a week at Emory University in Atlanta at a Global Young Innovators Initiative learning how to help a Nigerian businessman solve different issues. In her spare time she babysits and also works at the family business.

Let's not forget about the baby of the family, our son Trey. He has also had his share of skills & drills camps, basketball camps, fishing & trap shooting. Trey like the others works at the family business mowing and keeping the offices looking great. But best of all, Trey got to spend quality time with both grandpas helping with everything from seeding grass to mowing, to helping Grandpa Rich at the farm house he is remodeling. The house was built by Trey's great, great grandpa Rich in 1904.

Summer will soon be over and school will start again, for some of us in only a few weeks. Football, soccer and volleyball will be in full swing. Let me remind you to watch out for school buses and slowdown in school zones. If you have the opportunity, talk to a high school student about their future plans. Many students are unsure of what they are going to do. Take the time to discuss the skilled trades. In the plumbing trade alone, we are short roughly 138,000 plumbers. The trades are an excellent way to get a higher education without debt and make a great wage while learning.

REMEMBER: Registration is open for Connect '16 which is being held in San Antonio October 19th –

President's Message Continued

21st. It's not too late to take advantage of the early bird discount. Tammy and I would love to see you there and have the opportunity to get to know you better. Go to www.phccweb.org to register online today.

Before I wrap things up, I would like to talk about hometown heroes/role models. Every big city and small town has one and Deer Creek-Mackinaw is no different. We know a special young man who is a text book example of the All American Boy. He is a 3rd degree black belt in the art of Shoto Kon Karate. In high school he was an honor roll student, on the homecoming and prom court, and is Dee Mack's alltime leading rusher. He went on to attend Aurora University where he played all 4 years of football, 3 of them as their starting running back. He received a degree in criminal justice with a minor in homeland security. His name is 2nd Lieutenant Brandon Evans, Armor Tank Division United States Army and he will be leaving August 10th for Fort Benning Georgia for further training and deployment. With all of that said, what impresses me most about Brandon is the time he spent, one on one for an entire evening, riding carnival rides with a thirteen year old boy that looks up to him as if he was a super hero. Even after being thrown up on you would have thought that would be enough to call it a night. Nope, Brandon wiped both of them off and headed to the next big ride. The discipline it takes to get a 3rd degree black belt, to the patience of being thrown up on, and all the things in between are qualities that as a contractor we hope to find in potential employees. Salute your hero today!

Brandon, my family will pray God keeps you safe and that he gives you strength to do whatever task is given to you and that he comforts your mom and dad while you are away. Most of all, that you come home to a community and nation of people grateful for your service.

Thank you and God Bless!

Steve Stimson

CALENDAR OF EVENTS

SEPTEMBER 9, 2016

IMSCA Meeting Springfield, IL

SEPTEMBER 21, 2016

IL PHCC & Federated Insurance Risk Management Academy East Peoria, IL

SEPTEMBER 23, 2016

Illinois PHCC CEU Class John A. Logan College Carterville, IL

SEPTEMBER 24, 2016

Illinois PHCC CEU Class Holiday Inn Express Vandalia, IL

OCTOBER 14. 2016

Illinois PHCC CEU Class Ramada Inn North Springfield, IL

OCTOBER 19 - 21, 2016

PHCC Connect '16 San Antonio, TX

NOVEMBER 2, 2016

ERTC Backflow Symposium Doubletree Hotel Bloomington, IL

NOVEMBER 4, 2016

Illinois PHCC CEU Class Rend Lake College Marketplace Mount Vernon, IL

NOVEMBER 12, 2016

Illinois PHCC & Auxiliary Board Meetings TBD



LEAD IN DRINKING WATER BROCHURE AVAILABLE

The Illinois PHCC, in conjunction with the PCA Midwest and Plumbing Council Midwest, has developed a "Lead in Drinking Water" brochure for use by PHCC member contractors.

The brochure provides an easy way for contractors to explain to customers about issues related to lead in water. It includes answers to frequently asked questions, links to helpful websites, and a Consumer Acknowledgement & Release Form.

Contractors doing any work related to removal/ replacement/repair of lead water services or distribution systems will find this to be a very helpful tool, especially the release form.

The brochure can be customized to include the PHCC member's logo and company information. If you are a member of PCA Midwest, you can obtain the brochure from the PCA/Plumbing Council website. Members other than PCA should contact the Illinois PHCC office at 800-795-PHCC, or bev@ilphcc.com or shelly@ilphcc.com.

What's Wrong With This Picture?

Is there a violation of the Illinois Plumbing Code on this month's cover photo?

Let us know your thoughts by emailing the Illinois PHCC at bev@ilphcc.com or faxing to 217-522-4315. All correct answers will be put in a drawing for an Illinois PHCC logo item.

Plumbing Contractor Registration Renewal Time

All plumbing contractors registered with the Illinois Department of Public Health should receive a renewal post card in early August. Even though you are renewing online, you must still fax or email the insurance and bonds. Only send those documents by ONE of these methods. Do NOT email and then follow up with a fax. This only causes confusion and delays the process.

Please make sure you look at all the materials carefully and submit your renewal as soon as possible - DON'T DELAY. Questions on renewals may be directed to the IDPH Plumbing Program at 217-524-0791 or to dph.plumbing@illinois.gov.



In Memory

Leonard (Len) Harris Fassett, 82, of Bloomington, IL, died Thursday, July 28, 2016 at Sugar Creek Alzheimer's Special Care Center, Normal IL.

He is survived by his wife Nan, sons Peter and Erik Fassett of Bloomington, and daughter, Sara Carlton Fassett of Portland, Oregon.

Len founded the manufacturer's rep firm Fassett Sales Company Inc., in 1971. Fassett Sales is an Associate Member of the Illinois PHCC and Len was always a big supporter of the Association. He was active in the industry and served many years on the board of the American Society of Plumbing Engineers (ASPE). He also served on several State of Illinois building code committees. Len had a knack for putting the right people together for meetings to discuss and solve industry issues.

There will be no service or visitation. The family suggests memorials be made to the Boys and Girls Club of Bloomington.

Cremation service provided by Calvert & Metzler Memorial Home, Bloomington, IL.

REVISIONS TO THE ILLINOIS ACCESSIBILITY CODE

The Capital Development Board, as mandated by the Illinois Environmental Barriers Act, has updated the Illinois Accessibility Code (IAC) so that it is more closely modeled after the 2010 ADA Standards for Accessible Design. The updated IAC also includes Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way and Shared Use Paths. A new comprehensive IAC is being created by combining these documents.

The IAC is currently written as an administrative rule and must be updated through the Illinois Joint Committee on Administrative Rules (JCAR.) In order to gain consensus and make the rulemaking process go more smoothly, CDB is reaching out to the public prior to filing the IAC with JCAR.

If you are interested, please review the Code and provide CDB with feedback by August 17, 2016. Use the following link to access the draft document:

http://www.illinois.gov/cdb/howdoi/Pages/How-to-Comment-on-the-Illinois-Accessibility-Code.aspx

Please send all comments to <u>CDB.BuildingCodes@</u> <u>illinois.gov</u>.





Until now, adding water-saving electronic faucets to any building was a hassle. Electronic faucets are a challenge to install. What's more, performance is inconsistent, maintenance is demanding, the price is too high and, let's be honest, the design leaves something to be desired.

With EQ, everything is different. They're easy to install, easy to operate, easy to maintain, and easy on your budget. They're also easy on the eyes with a choice of polished chrome or brushed nickel finishes in three versatile styles.

EQ makes it easier than ever to bring style and water savings to restrooms in offices, retail, sports facilities, and other commercial buildings. Want to learn more? Visit **eqfaucets.com** for more information. It doesn't get easier than that.



Download a white paper on the rising cost of water and how doing the little things can really add up.



Proudly represented by:

Inland Sales Group, INC

Peoria: 309.693.7950 Willowbrook: 630.850.7750

WWW.INLANDSALESGROUP.COM



2016-2017 Continuing Education for Illinois Licensed Plumbers

<u>Date/Time</u>	<u>Location</u>	<u>Fee</u>		
□**September 23, 2016 – 1:00 pm-5:00 pm	John A. Logan College, Carterville, IL	\$50.00		
□**September 24, 2016 – 8:00 am-12:00 pm	Holiday Inn Express & Suites, Vandalia, IL	\$50.00		
□**October 14, 2016 – 1:00 pm-5:00 pm	Ramada Springfield North, Springfield, IL	\$50.00		
□**November 4, 2016 – 1:00 pm-5:00 pm	Rend Lake College Marketplace, Mt. Vernon, IL	\$50.00		
□**January 13, 2017 – 1:00 pm-5:00 pm	*Heartland College, Bloomington/Normal, IL	\$50.00		
□**February 24, 2017 – 1:00 pm-5:00pm	*Heartland College, Bloomington/Normal, IL	\$50.00		
□**March 24, 2017 - 9:00 am -1:00pm	Drury Lane, Oakbrook Terrace, IL	\$35.00		
No Walkins - No Exceptions. All Registrations for the March 24 class must be received before March 1, 2017				
□**April 7, 2017 – 1:00 pm-5:00 pm	Rend Lake College Marketplace, Mt. Vernon, IL	\$50.00		
□**April 21, 2017 - 1:00 pm-5:00 pm	*Heartland College, Bloomington/Normal, IL	\$75.00		
**State hours for Certified Plumbing Inspector Please check the session you will be attending.				
Fee must accompany application.				
	HCC IDPH Sponsor # 750-002 Course # 750-002-C1 & 750-0			
provide your complete address Illinois PHCC ♦ 821 South (s form by checking the location you will attens, make checks payable to Illinois PHCC and Avenue, West Springfield, Illinois Phone (217) 522-7219	nd mail to		
Name:	License #_ 058-			
City/State:				
Phone:	Fax:			
Email address:				

IMPORTANT:

You MUST bring your Plumbers License with you to the program. Please arrive no later than 30 minutes prior to complete the registration process. Directions are available on our website at www.ilphcc.com
Cancellation Policy: IL PHCC reserves the right to cancel a course due to insufficient enrollment. If we cancel a course, you will be notified and your pre-registration will be refunded to you or you may transfer to another location.
There is no refund for any registration not cancelled (10) working days prior to the class. Cancellations made prior to (10) working days will be charged a \$15.00 cancellation fee. There will be a \$50.00 service charge for any checks returned due to insufficient funds.

In compliance with the Americans with Disabilities Act of 1990, the Illinois PHCC Association will make all reasonable efforts to accommodate persons with disabilities at its meetings. Please call 217-522-7219 with any special requests.

PHCC National News

PHCC Members to Get Discounted **Call Answering Service Through New Partnership with Time** Communications

Round-the-clock call answering services are part of a new benefit available to members of the PHCC through a partnership with Minnesota-based Time Communications. PHCC members can sign up online to explore how this new service can meet their company's needs.

Recognizing that – especially in a service industry – emergencies can happen at any time and every customer call impacts a company's bottom line, this latest PHCC Preferred Service Provider offers PHCC members a discounted monthly rate on a host of call management services, including:

- 24/7/365 call answering
- Paging and dispatch services
- Emergency response
- Appointment scheduling
- On-call scheduling
- Dedicated Operators

"What will be most reassuring to PHCC member companies is that our call center representatives will treat their customers just like they would ... taking time to listen carefully to customers, to ask the right questions, and to respond quickly to their needs," says Time Communications' Jamie DesJardins. "We consider ourselves an extension the company's own staff."

With more than 40 years of experience, Time Communications will work with interested PHCC members in developing a call management plan that works best for their business. They can help by qualifying true after-hours emergencies, followed by texting or calling the company's on-call staff directly and confirming the inquiries were delivered in a timely fashion

"Our members know that every customer call – every customer experience – directly impacts their reputation ... and their bottom line," says PHCC President Chip Greene, Greene & Associates, Macon, Georgia. "We're excited to offer our members a trusted, experienced provider that will answer their calls when they can't ... and treat their customers like they would."

The new PHCC Preferred Service Provider recently offered a free webinar to PHCC members on how today's technology can keep them from missing crucial customer calls. "Beyond the Busy Signal: How to Handle Your Call Volume" is still available to members through On-Demand Viewing. PHCC members can sign up online to explore how this new service can meet their company's needs.

Positive Move on Workforce Development: Congress Introduces Reformed Carl D. **Perkins Act that Strengthens Career and Technical Education**

Both Republican and Democratic members of the House Committee on Education and the Workforce recently introduced the Strengthening Career and Technical Education for the 21st Century Act, a positive step for the PHCC - National Association, which has been advocating for increased support from Congress on crucial workforce development initiatives.

Representatives from PHCC reinforced those efforts this past spring at two legislative events on Capitol Hill – a special Workforce Development Roundtable in April and the annual PHCC Legislative Conference in May – where conference participants met face-to-face with policymakers about the critical workforce shortage in the p-h-c industry. A 21-percent increase in the number of plumbing and

PHCC National News Continued

HVAC technicians is projected by the year 2022.

This new legislation reauthorizes and reforms the Carl D. Perkins Career and Technical Education (CTE) Act (Perkins Act), to help more Americans enter the workforce with the skills they need to compete for these high-skilled, in-demand jobs. Because the Perkins Act has not been updated in more than a decade, it no longer reflects the realities and challenges facing students and workers today. With that, the reformed act – among other things – promotes the implementation of more innovative CTE programs by increasing the amount of federal funding available for advanced state leadership strategies and activities that will best serve the current and future needs of students, employers and communities.

To ensure equitable access to federally-funded CTE programs, the U.S. Dept. of Education, under the reformed act, will have full authority to approve state and local plans, support program improvement and monitor and enforce statutory requirements that will ensure program quality and educational equity for CTE students.

"Today's CTE programs work to prepare millions of students for lifelong success and help bridge the divide between high school and post-secondary education and training," says Rep. Robert C. "Bobby" Scott (D-VA). "This bipartisan bill prioritizes equity of opportunity for all students to participate in, and benefit from, high-quality CTE programs and will prepare them for high-skill, high-wage jobs that lead to economic self-sufficiency in the 21st century workforce."

Funding levels under this reauthorization of the *Perkins Act* indicate a step increase each year, from \$1.133 billion in 2017 to \$1.213 billion in 2022. The 2017 level reflects an increase of \$15 million over the existing 2016 level.

The reformed act also aims to improve current law by supporting the integration of employability skills into CTE programs. Employability skills were a key discussion point between PHCC and the House Congressional Career & Technical Education Caucus at the Workforce Development Roundtable in April. PHCC's representatives offered targeted solutions on how they're helping to ensure that students – and eventually employees – reach businesses with those all-important "soft skills," such as communication, courtesy, customer service, appearance, organization, teamwork, and leadership.

"PHCC is extremely pleased to see Congress initiating the expansion of the Perkins Act to include more innovative strategies to attract future workers to our industry," said PHCC—National President Charles "Chip" E. Greene. "We look forward to working with Congress on this critical workforce development issue that will help recruit and train workers for our industry."



ATTENTION "OLD SCHOOL" CONSTRUCTION GUYS -It's Change or Die Time!

by John Zink, PHCC Educational Foundation VP of Education and Programs

The person on the phone asked, "Do you guys still have that in a book I can buy?"

I smiled through my answer, "No, the last time we printed that publication on paper was 16 years ago. We even stopped putting it on CDs four years ago – it's all a digital download now."

There was a pause on the other end of the phone. "Oh. Well...you don't happen to have any old copies of the book sitting on a shelf there that you can send us maybe? We're kind of 'old school' around here."

"No, but it's time for your guys to start using the software. I can help get you started on that..."

I have this same conversation every few months and each time I can't believe that there are still companies doing millions of dollars of work with employees who don't use the computer on their desk for anything but e-mail (sometimes even having someone print all their messages for them to read).

A few proud anti-technology holdouts may be thinking "Yeah, that's right, and we still make good money doing it 'old school' mister!"

Well, maybe - but not as much as you could be making, and definitely not for much longer.

The construction market has traditionally been slow to change, but we have reached a critical moment of ferocious development of new technologies and processes.

It's an exciting time for the companies who can capture the benefits those developments can bring. But for companies where everyone is getting along just "doing the job" the way they've been doing it for years, the story is quite different.

Look around – if you see outdated technology, cumbersome processes and employees who are reluctant to change, it's time to close shop. You're

already out of business – you just don't know it yet.

Technology Tsunami – Ride the **Wave or Get Swept Aside**

We are at the most significant technological shift in the construction industry since the steam shovel and the internal combustion engine. The last few years have seen a host of technological improvements that have radically revolutionized our business, with much more coming soon.

Foremen armed with iPads or tablets that can communicate with systems back at the main office is baseline; we're past the point where everyone should be doing this. If you're not, your company is missing an easy opportunity to boost productivity via better communications between the office and field.

Beyond baseline –

- Are you collecting installation progress and materials usage data continuously from field employees?
- Where is your company at with becoming a Virtual Design and Construction (VDC) firm?
- Do you have an employee with a FAA commercial drone pilot license so you can get overhead jobsite imagery?
- What can you offer a customer looking for integrated building systems linked through the IoT (Internet of Things)?
- Are you coordinating with other subs to prefabricate entire walls or even rooms in your fab shop, before those sections are transported to the job site and dropped into place?

If you are striking out on the questions above, it's time to send a "wake-up" shock into the heart of your company's culture. Management and employee's eyes

ATTENTION "OLD SCHOOL" CONSTRUCTION GUYS - It's Change or Die Time!

CONTINUED

must be opened to how the world has changed around them so you can start aligning company culture to fit with the breakneck speed and other realities of today's competitive environment.

Even if you are not competing against companies doing all these things, at some point, you will be. Why not take the lead and be the one that your competitors have to run to catch up with?

The truth is, this moment ISN'T "Change or Die Time." It **ALWAYS** has been. The difference now is that the rate of that change happening around us doesn't take a whole generation to make everything we know obsolete anymore.

Remember, the first iPhone came out less than 10 years ago. Even the Internet was just gaining mainstream attention 16 years ago. Now what a Computer Science major in college learns Freshman year can be obsolete by the time they graduate!

Where Do I Start?

If you don't know where to start or what it will cost or where to look for answers, we have good news. We can help!

The PHCC Educational Foundation runs several workshops designed to help construction companies keep up with changing times and prepare for the next wave of change:

- Creating Super Foremen Workshop A two-day program offered by the Foundation and via PHCC state chapters on-demand throughout the year.
- Essentials of Project Management Class A four-day boot camp for project managers to get up to speed on best practices, standardizing procedures and how to play the construction management game. Held each March.
- **Smarter Management Workshop** A two-day workshop for P.M.'s and mid-level managers up to the company owner, designed to address the most

pressing topics on the minds of attendees. Topics are selected based on feedback from our audience, ensuring that the workshop is answering the questions you are facing today. Held once every other year.

We hope you can join us and stay ahead of your "old school" competition!

For more information on the Foundation and their many learning opportunities, visit www.phccweb.org.





H.R. STEWART, INC.

Heavy Sewer Cleaning & Televising

- Sewer Jetting up to 72 inches
- Steerable Mainline Televising –
 4 to 72 inch, lengths up to 850 feet
- Push Camera 3 to 6 inch, lengths up to 500 feet
- · Catch Basin Cleaning
- · Root Cutting & Destroying
- · Air & Mandrel Testing
- · Hydro-Excavation
- · Municipal Work



H.R. Stewart, Inc. (847) 639-3331 WWW.HRSTEWART.COM

5 Customer Service Reminders; Worth Being REMINDED ABOUT

by Nancy Friedman, The Telephone Doctor Customer Service

Nancy, How do you motivate employees, or even yourself, to give better Customer Service?

Well, as most of us know, it's difficult to motivate someone else. We are only in charge of ourselves. However, there's nothing wrong with giving employees a little nudge in the right direction. Some of it will stick. These are 5 motivating tips to help you along. Share away.

- 1. Ask for help. It's OK to do that. If you're in customer service (and aren't we all), there's an abundance of information available to you. Ask your management if they can suggest anything you can read, watch, or listen to about your industry. In the small chance they don't know of any (and I'd be surprised if they didn't), check out the library, ask a co-worker, check the Internet. Take the initiative yourself. One of the most effective customer service tips is JOB KNOWLEDGE. It's difficult to be motivated if you don't understand your job.
- **2. Stay positive.** OK, that's really easy to say and tell someone to do. But in reality, after you've been dumped on by someone or something's gone wrong in your life, it's not that easy. Sometimes when the stuff hits the fan we become all consumed in the negative. Staying positive is a choice. It's your You are in charge of whether you feel positive or negative. When negative thoughts come into your head, STOP! Right, immediately stop what you're doing and replace it with something positive. It can be done. PMA (positive mental attitude) is one of the keys to motivating yourself. And others. Stay with positive people. Many years ago I personally made it a point to stay away from negative people. It's too hot...it's too cold...I'm too tall...I'm too thin...yada, yada, yada. Removing yourself from negative situations is a big start. Negativity is contagious, but so is being positive.
- **3. Say something nice to a stranger.** Every day I find at least one person I pass in the store, see at the gym, at the airport, anywhere I can, and say one nice thing to them. It's amazing how good it makes them feel and you know what? It makes you feel good too. Try it! It boosts your self-image and makes the other person's day too. Yesterday, a stranger came up to me and told me how nice my outfit looked. It perked me up. It goes both ways. A few months ago, I passed an elderly lady. She had a big hat on, a bit too much makeup, dressed to the hilt and a big smile as she walked down the street. I stopped her and told her how beautiful she looked. Her smile got wider and her eyes sparkled with thanks. I felt good and I know she did too.
- 4. A phony smile is better than a real frown. That's a Telephone Doctor special. There are definitely days when we feel less than motivated. But when I put on that smile, whether I want to or not, somehow I always start feeling better. You will too.
- **5. Give thanks.** The old saying your mother probably told you, "It could always be worse" is so true. Remember that other saying, "I cried because I had no shoes; then I saw a man who had no feet." It can always be worse. Be grateful for what you have.

Once you take on these tips – my bet is you'll start to feel motivated to do more and you'll share them with your staff. Good luck.

Nancy Friedman, president of Telephone Doctor Customer Service Training, is a featured Customer Service speaker at Franchise, association, and corporate meetings around the world. For more information, log on to Nancy Friedman's website www.nancyfriedman.com or call (314) 291-1012. Or you can email her at nancyf@telephonedoctor.com

SMALL FOOTPRINT, BIG

POWER

The Rheem® Classic Plus® Series Induced Draft Water Heater

Small, Yet Powerful—29-gallon unit with 61 GPH recovery rate outperforms standard 50-gallon models* by 49%

Efficient, Low-Emission Design—Features up to 0.70 EF and eco-friendly, low-NOx burner

Lasting Performance & Peace-of-Mind—Guardian System® & Sensor, the industry's best FVIR system and maintenance-free design

*Atmospherically vented 50-gallon, 40k Btu/h gas water heater with 0.60 EF and 38.4 GPH recovery rate

Rheem.com/InducedDraft or see your distributor today.

INNOVATIVE TOOLS FOR YOUR BUSINESS: Rheem.com/Tools







Reward Yourself



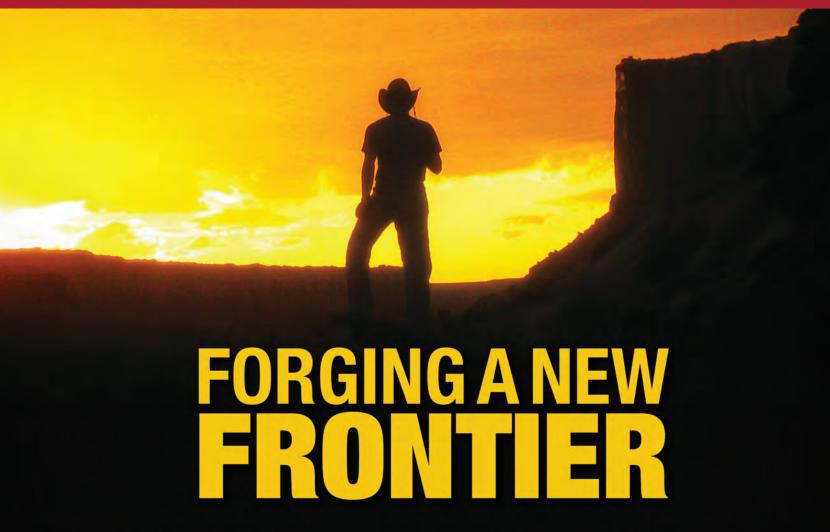




CONNECT®2016

SAN ANTONIO, TEXAS

SAN ANTONIO MARRIOTT RIVERCENTER ❖ OCT 19-21





PLUMBING-HEATING-COOLING CONTRACTORS ASSOCIATION Best People. Best Practices:

You control the future of your company ... and CONNECT 2016 is geared to steer you in the right direction!

Discover.

- Pick from a wide range of education sessions focusing on topics like effective employee recruitment and retention techniques, succession planning, customer service and financing, team building, backflow trends, energy code updates and much more
- Open your mind to new action-oriented business strategies shared by keynoter John Spence, one of America's Top 100 Business Thought Leaders
- Focus on service and repair topics during CONNECT's Quality Service Contractors' (QSC)
 Business Excellence Day

Explore.

- Exchange ideas to make your company more profitable during CONNECT's learning-focused
 Product and Technology Showcase
- Experience the best of San Antonio during several PHCC events and tours

Advance.

- Head into the November elections with political insights from one of the nation's most popular analysts, Stu Rothenberg
- Take home continuing education credits through CEU courses offered by the PHCC of Texas
- Encourage the next generation of plumbing and HVAC professionals during the PHCC Educational Foundation's Apprentice Contests



www.phccweb.org/connect

Grab your Early Bird Discount before Aug. 31!



HR QUESTION FEDERATED Employment Practices Network powered by Enquiron



Unsatisfactory Performance Excused by Disability?

Question: Is an employee who reports a reading/writing disability covered under a protected class? Are there suggestions on how to handle if this employee reported this after receiving a written reminder for performance related issues when no prior notice had been provided to HR either verbally or in writing. The employee in this instance has been employed by the company for 8 years.

Response: The federal Americans with Disabilities Act (ADA) generally defines a disability as a physical or mental impairment that substantially limits one or more major life activities. An individual can also be considered to have a disability if he or she has a record of such an impairment or is regarded as having such an impairment by the employer. That said, the ADA does not contain a list of medical conditions that constitute disabilities, rather an individualized assessment must be undertaken (using the foregoing definition) to determine if one exists. This means that some people with learning disabilities may indeed have a disability under the ADA, while some may not. Without additional information, it is difficult to opine whether the subject employee is disabled within the meaning of the Act. We recommend that you review the information published at http://askjan.org/media/LD.html for more information as to whether the employee in question is disabled by the ADA.

Whether the employee is protected by the ADA as having a disability or not, however, the employer is not required to excuse unsatisfactory performance on account of the condition. Indeed the EEOC has expressly stated that "[a]n employee with a disability must meet the same production standards, whether quantitative or qualitative, as a non-disabled employee in the same job. Lowering or changing a production standard because an employee cannot meet it due to a disability is not considered a reasonable accommodation. However, a reasonable accommodation may be required to assist an employee in meeting a specific production standard." See question 1 at https://www.eeoc.gov/facts/performance-conduct.html#perf. The EEOC also offers guidance as to the particular issue raised by your inquiry at question 4 at the aforementioned link as follows:



The "HR Express Update" is provided by Enquiron", a company wholly independent from Federated Insurance. Federated provides its clients access to this information through the Federated Employment Practices Network® with the understanding that neither Federated nor its employees provide legal or employment advice. As such, Federated does not warrant the accuracy, adequacy, or completeness of the information herein. This information may be subject to restrictions and regulations in your state. Consult with your independent professional advisors regarding your specific facts and circumstances

HR QUESTION 7 of the month



"4. If an employer gives a lower performance rating to an employee and the employee responds by revealing she has a disability that is causing the performance problem, may the employer still give the lower rating? Yes. The rating reflects the employee's performance regardless of what role, if any, disability may have played. Practical Guidance: If an employee states that his/her disability is the cause of the performance problem, the employer could follow up by making clear what level of performance is required and asking why the employee believes the disability is affecting performance. If the employee does not ask for an accommodation (the obligation generally rests with the employee to ask), the employer may ask whether there is an accommodation that may help raise the employee's performance level."

Thus, while the employer would be obligated to explore and, if necessary, provide a reasonable accommodation to the employee if the employee's recently-disclosed learning disability is a disability for ADA purposes (and you are entitled to ask the employee to support the existence of a disability with medical documentation), the accommodation does not have to include lowering performance standards or excusing or failing to discipline performance deficiencies. For more information, see question 6 at the link above as well as the guidance published on reasonable accommodation at https://www.eeoc.gov/policy/docs/accommodation.html.

© 2014 Advisors Law Group, All Rights Reserved

To learn more about the <u>Federated Employment Practices Network®</u>, contact your local <u>Federated Marketing Representative</u>, or visit www.federatedinsurance.com.



The "HR Express Update" is provided by Enquiron®, a company wholly independent from Federated Insurance. Federated provides its clients access to this information through the Federated Employment Practices Network® with the understanding that neither Federated nor its employees provide legal or employment advice. As such, Federated does not warrant the accuracy, adequacy, or completeness of the information herein. This information may be subject to restrictions and regulations in your state. Consult with your independent professional advisors regarding your specific facts and circumstances.







Risk Management Academy

Illinois Association of Plumbing, Heating, Cooling Contractors along with Federated Insurance present a seminar you won't want to miss...

LEARN

CONNECT

APPLY

- Check your employee driving records! Learn Why!
- Learn how to curb distracted driving!
- Retention: Hire, Screen and Retain employees.
- Federated's Shield Network access to the most updated documentation, training forms and manuals available.
- Workers Compensation safety ideas
- Managing the Ultimate Risk/Business Succession Planning

Register today!

Wednesday, September 21, 2016 9:00 a.m. – 4:00 p.m.

Par-A-Dice Hotel Casino 21 Blackjack Blvd

East Peoria, IL 61611

COST:

\$50/per business
Registration fee includes seminar & lunch

These Seminars have been held around the country and received great feedback.

"Excellent. It was very professional and informative. Thank you for doing such a great job and putting in so much time and effort to make this seminar first class!"

"I'm leaving with a long to-do list to help our company create a risk management culture."

Preferred registration deadline: **August 19, 2016**

Who should attend?

- Owners
- HR Managers
- Designated Risk Managers

For more information, please contact Angie Noble at 800.533.0472 ext. 444.6583 or e-mail amnoble@fedins.com

Space is limited!

See next page for registration form



CITY

Risk Management Academy

LOCATION

Co-sponsored by IL PHCC and Federated Insurance

DATE/TIME

East Peoria	Wednesday September 21, 2016 9:00 a.m. – 4:00 p.m.	Par-A-Dice Hotel Casino 21 Blackjack Blvd, East Peoria, IL 61611
TO REGISTER:	Please return this form and payment of: \$50 per business by August 19, 2016	
E-mail registration: Fax Registrations: Mail Registration:	DRM@fedins.com 507.455.7840 Federated Insurance – Attn: Angie Noble, AF 121 East Park Square, Owatonna, MN 55060 (Checks payable to the association – IL PI	
Business		
Name	Title	
Email	Phone	
Address	City/State/	Zip
Name	Title	
Email	Phone	
Address	City/State	/Zip
Credit Card #(Visa an	Exp nd MasterCard accepted)	_CVS Code
Name on credit card		
Address for credit ca	rd	





5 WAYS TO RECOGNIZE A HEAT ILLNESS

Another important ToolBox Talk brought to you by the Quality Service Contractors (QSC) – An Enhanced Service Group of PHCC, P.O. Box 6808, Falls Church, VA 22040.

Ph. 800-533-7694. Visit our website at: http://www.qsc-phcc.org.

What is a heat-related illness?

During a heat wave, it's important to know and be able to recognize the signs and symptoms of a heat-related illness. There are different types of heat-related illnesses, ranging from those that cause temporary discomfort to the generally fatal condition known as heat stroke. In all heat-related illnesses, the symptoms appear when a person is exposed to extreme temperatures.

What are the symptoms and signs of a heat-related illness?

The following list can help you recognize the symptoms of heat-related illnesses:

- 1. **Heat Rash:** Heat rash is a skin irritation caused by excessive sweating during hot, humid weather. It can occur at any age but is most common in young children. Heat rash looks like a red cluster of pimples or small blisters.
- **2. Heat cramps:** A person who has been exercising or participating in other types of strenuous activity in the heat may develop painful muscle spasms in the arms, legs, or abdomen referred to as heat cramps. The body temperature is usually normal, and the skin will feel moist and cool, but sweaty.
- **3. Heat syncope:** Someone who experiences heat syncope (fainting) will experience the sudden onset of dizziness or fainting after exposure to high temperatures, particularly after exercising in the heat. As with heat cramps, the skin is pale and sweaty but remains cool. The pulse may be weakened, and the heart rate is usually rapid. Body temperature is normal.
- **4. Heat exhaustion:** Heat exhaustion is a warning that the body is getting too hot. Those most prone to heat exhaustion include elderly people, people with high blood pressure, and people working or exercising in a hot environment. A person with heat exhaustion may be thirsty, giddy, weak, uncoordinated, nauseous, and sweating profusely. As with heat syncope and heat cramps, the body temperature is usually normal in heat exhaustion. The heart rate (pulse rate) is

- normal or elevated. The skin is usually cold and clammy.
- **5. Heat stroke:** Heat stroke is a serious, life-threatening condition that occurs when the body loses its ability to control its temperature. Victims of heat stroke almost always die, so immediate medical attention is essential when problems first begin. In heat stroke, a person develops a fever that rapidly rises to dangerous levels within minutes.

A person with heat stroke usually has a body temperature above 104 F (40 C), but the temperature may rise even higher. Other symptoms and signs of heat stroke may include confusion, combativeness, and bizarre behavior, feeling faint, staggering, strong rapid pulse, dry flushed skin, and lack of sweating. Delirium or coma can also result from heat stroke.

The best defense is prevention. Below are some prevention tips:

- Drink more fluids (nonalcoholic), regardless of your activity level. Don't wait until you're thirsty to drink. Warning: If your doctor generally limits the amount of fluid you drink or has you on water pills, ask your doctor how much you should drink while the weather is hot.
- Don't drink liquids that contain alcohol or large amounts of sugar—these actually cause you to lose more body fluid. Also, avoid very cold drinks, because they can cause stomach cramps.
- Stay indoors and, if at all possible, stay in an air-conditioned place. If your home does not have air conditioning, go to the shopping mall or public library—even a few hours spent in air conditioning can help your body stay cooler when you go back into the heat. Call your local health department to see if there are any heat-relief shelters in your area.
- Electric fans may provide comfort, but when the temperature is in the high 90s, fans will not prevent heat-related illness. Taking a cool shower or bath, or moving to an air-conditioned place is a much better way to cool off.

CONTINUED



- Wear lightweight, light-colored, loose-fitting clothing.
- NEVER leave anyone in a closed, parked vehicle.
- Although any one at any time can suffer from heatrelated illness, some people are at greater risk than others. Check regularly on:
 - ✓ Infants and young children
 - People aged 65 or older
 - People who have a mental illness
 - Those who are physically ill, especially with heart disease or high blood pressure
- Visit adults at risk at least twice a day and closely watch them for signs of heat exhaustion or heat stroke. Infants and young children, of course, need much more frequent watching.

If you must be out in the heat:

Limit your outdoor activity to morning and evening hours.

- Cut down on exercise. If you must exercise, drink two to four glasses of cool, nonalcoholic fluids each hour. A sports beverage can replace the salt and minerals you lose in sweat. Warning: If you are on a low-salt diet, talk with your doctor before drinking a sports beverage. Remember the warning in the first "tip" (above), too.
- Try to rest often in shady areas.
- Protect yourself from the sun by wearing a widebrimmed hat (also keeps you cooler) and sunglasses and by putting on sunscreen of SPF 15 or higher (the most effective products say "broad spectrum" or "UVA/UVB protection" on their labels).

While heat cramps, heat syncope, and heat exhaustion may all be present in mild degrees, you should always contact a doctor or seek emergency medical attention if the symptoms of these conditions are severe or worsen with time. *Heat stroke is a true* medical emergency. If a person has the symptoms of heat stroke, you should notify emergency services (911) immediately.







When you need a pump sized right for your application. Jim Murray Inc. is the company to call. Large selection and deep inventory for quick turnaround to save you downtime.

Don't know what you want? We'll help you with selection or design a custom system.

Sump, effluent, sewage, and grinder pumps for all sizes and all applications.

Visit our new website to view all we can offer you or contact us directly. We're here to help.

www.jimmurrayinc.com









1-800-234-5490 N116 W18455 Morse Drive Germantown, WI 53022

SAFETY RECALL NOTICE

Flushmate® III Pressure-Assisted Flushing System





The affected Flushmate III Series 503 units can burst at or near the vessel weld seam releasing stored pressure. This pressure can lift the tank lid and shatter the tank, posing impact or laceration hazards to consumers and property damage.

This recall has been expanded to include all Flushmate III units manufactured from October 14, 1997 to April 30, 2011. The first six numerals of the serial number are the date code. The date code range for this recall begins with 101497 (October 14, 1997) and continues through 043011 (April 30, 2011).

For a free repair kit, visit

http://recall.flushmate.com



Or call Flushmate toll-free at

(800) 303-5123

Between 8:00 a.m. and 10:00 p.m. ET, Monday through Friday, and between 8:00 a.m. and 6:30 p.m. ET on Saturday.

In cooperation with the U.S. Consumer Product Safety Commission

Post until November 14, 2016



Unique product solutions that save your customers time and money.

Zurn provides lean construction and engineered solutions that will reduce material cost, site work, and labor for your customers. Our goal is to help you serve your customers through innovative products that create efficiencies in new construction, retrofit, and repair applications.

Choose Zurn for a reliable, recognized manufacturer to supply your customer's entire installation and maintenance needs.









PLUMBING CODE BOOK

ORDER FORM

PLEASE FILL OUT FORM COMPLETELY. WE WILL USE THIS INFORMATION TO PROVIDE YOU WITH UPDATES ELECTRONICALLY.

WE WILL USE THIS INFORMATION TO P	PROVIDE YOU WITH UPDATES ELECTRONICALLY.		
Name:			
Company:			
Street Address:			
City/State/Zip:			
Email:			
Phone:			
(includes tabs, Plumbing Lic Plumbing Contrac	655.00/insert ense Law, Plumbers Licensing Code, etor Registration Code and eactor & Lawn Sprinkler Code)		
# of code book inserts X	\$55.00 Total inserts \$		
# of binder(s) X \$5.95	Total binders \$		
Tota	al amount enclosed \$		
821	ois PHCC South Grand Avenue, West ingfield, IL 62704		
Make checks pay	yable to the Illinois PHCC.		
There will be a \$40.00 service charge for any checks returned due to insufficient funds.			
Questions? Contact the Illinois PHO	CC at bev@ilphcc.com or shelly@ilphcc.com		
(21'	7) 522-7219		

SLOW DOWN:

BACK TO SCHOOL MEANS SHARING THE ROAD

From the National Safety Council

School days bring congestion: Yellow school buses are picking up their charges, kids on bikes are hurrying to get to school before the bell rings, harried parents are trying to drop their kids off before work.

It's never more important for drivers to slow down and pay attention than when kids are present – especially before and after school.

If You're Dropping Off

Schools often have very specific drop-off procedures for the school year. Make sure you know them for the safety of all kids. More children are hit by cars near schools than at any other location, according to the National Safe Routes to School program. The following apply to all school zones:

- Don't double park; it blocks visibility for other children and vehicles
- Don't load or unload children across the street from the school
- Carpool to reduce the number of vehicles at the school

Sharing the Road with Young Pedestrians

According to research by the National Safety Council, most of the children who lose their lives in bus-related incidents are 4 to 7 years old, and they're walking. They are hit by the bus, or by a motorist illegally passing a stopped bus. A few precautions go a long way toward keeping children safe:

- Don't block the crosswalk when stopped at a red light or waiting to make a turn, forcing pedestrians to go around you; this could put them in the path of moving traffic
- In a school zone when flashers are blinking, stop

- and yield to pedestrians crossing the crosswalk or intersection
- Always stop for a school patrol officer or crossing guard holding up a stop sign
- Take extra care to look out for children in school zones, near playgrounds and parks, and in all residential areas
- Don't honk or rev your engine to scare a pedestrian, even if you have the right of way
- Never pass a vehicle stopped for pedestrians
- Always use extreme caution to avoid striking pedestrians wherever they may be, no matter who has the right of way

Sharing the Road with School Buses

If you're driving behind a bus, allow a greater following distance than if you were driving behind a car. It will give you more time to stop once the yellow lights start flashing. It is illegal in all 50 states to pass a school bus that is stopped to load or unload children.

- Never pass a bus from behind or from either direction if you're on an undivided road if it is stopped to load or unload children
- If the yellow or red lights are flashing and the stop arm is extended, traffic must stop
- The area 10 feet around a school bus is the most dangerous for children; stop far enough back to allow them space to safely enter and exit the bus
- Be alert; children often are unpredictable, and they tend to ignore hazards and take risks
 Sharing the Road with Bicyclists

On most roads, bicyclists have the same rights and responsibilities as vehicles, but bikes can be hard to

SLOW DOWN:

BACK TO SCHOOL MEANS SHARING THE ROAD

CONTINUED

see. Children riding bikes create special problems for drivers because usually they are not able to properly determine traffic conditions. The most common cause of collision is a driver turning left in front of a bicyclist.

- When passing a bicyclist, proceed in the same direction slowly, and leave 3 feet between your car and the cyclist
- When turning left and a bicyclist is approaching in the opposite direction, wait for the rider to pass
- If you're turning right and a bicyclists is approaching from behind on the right, let the rider go through the intersection first, and always use your turn signals

- Watch for bike riders turning in front of you without looking or signaling; children especially have a tendency to do this
- Be extra vigilant in school zones and residential neighborhoods
- Watch for bikes coming from driveways or behind parked cars
- Check side mirrors before opening your door By exercising a little extra care and caution, drivers and pedestrians can co-exist safely in school zones.





A division of A DARLING RESTAURANT SERVICES

GREASE REMOVAL, PUMPING, JETTING



■ Cooking Oil Removal

■ 7 Day/24 Hour Service

■ Fastest Response Time

■ We Guarantee Against Sewer Backups

Serving All Major Markets Across the U.S.

Our Vactor Truck is the most powerful vehicle in the industry,
which can open even the most clogged lines.
Using state-of-the-art equipment like this enables

Trust Torvac to eliminate the headaches that come along with
cooking oil removal, grease trap pumping and
water jetting of your sewer lines.

SIGN UP NOW FOR SPECIAL PRICE SAVINGS ON OUR MAINTENANCE SERVICE TO PREVENT LINE BLOCKAGES!

For More Information
Call Our Service Team Today

(888) 486-7822

Storm Cell Sattery Back-Up Pumps



Professional-grade protection.

The new **StormCell[™]** series of battery backup pumps from Liberty feature advanced professional-grade chargers, energy efficient pumps for longer run times, and optional **NightEye[™]** wireless technology for remote monitoring through your smart device.

- Available in both standard and wireless connected models
- Professional-grade chargers (10 amp and high-output 25 amp)
- Single and dual battery systems
- Energy efficient DC pump (manufactured in the U.S. by Liberty)
- * Model 442-25A, StormCell™ Group 31 wet cell batteries. Pump cycling 10 gallons at 10' lift 4 times per hour.



NEW! StormCell™

High Performance BatteriesNow Available from Liberty Pumps

libertypumps.com/stormcell

800.543.2550



Apple® iOS & Android® compatible

FREE App!



Wireless Enabled Products ALWAYS WATCHING.

Know what's happening with your pump - anywhere in the world, with NightEye™ wireless connected products by Liberty Pumps.

SAFETY AND PEACE OF MIND WHILE AWAY FROM HOME.

- Free app download
- Cloud-based system designed exclusively by Liberty Pumps
- No service or subscription fees
- · Works through your home's wireless router
- Connect using simple BlinkUp[™] technology no PC required
- Available on pump alarms and emergency back-up pumps
- Apple® iOS and Android® compatible
- One NightEye[™] app can support multiple devices/installations (Separate control/alarm unit required for each installation)
- · User-defined low basement temperature alert







Just look for the Night Eye logo on pump alarms, back-up pumps and other new products from Liberty Pumps

libertypumps.com/nighteye

800.543.2550 Copyright © Liberty Pumps, Inc. 2016 All rights reserved.









HYDRAULIC CALCULATIONS **SPOOL PIECE LENGTHS**

CODE **INFORMATION** **GROOVED FITTINGS**

SHORT PATTERN BACKFLOW PREVENTORS

At **Test Gauge & Backflow Supply**, we are your **local** experts for Retro Fit Solutions. We offer Tight Space Solutions, Stainless Steel Solutions, Hot Water Solutions, Theft Reduction Solutions and more to help you get your retro fit job done.



shopbackflow.com

Repair Videos Maintenance Guides **Quoting Services**

Licensed Plumbers on Staff













Call us today and let one of our local backflow experts provide you with options to help you reach the best solution for your backflow retro fit project.







Elgin, IL 60124

