A UNION PLUMBERS BODY CAN OVERCOME ALMOST ANYTHING

A UNION PLUMBERS MIND CAN ADAPT AND RESOLVE THE PROBLEM AT HAND

A UNION PLUMBER WILL BE THE BEST THEY CAN BE

THE UNION PLUMBER HAS LEARNED TO CONVINCE THEIR OWN MIND THEY CAN AND WILL DO IT RIGHT THE FIRST TIME
AMERICAN SOCIETY OF SANITARY ENGINEERING
ILLINOIS CHICAGO CHAPTER
SANITATION NEWS LETTER

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Published in cooperation with members of ASSE, Editor: Gary W. Howard
PRESIDENTS MESSAGE
“A YOUNG MANS JOURNEY TO BECOME A JOURNEYMAN”

Monday June 21, 1965 School was out for the summer. This would be my first day working the summer as a laborer for a plumbing company that does plumbing for single family homes, apartment buildings, and sewer and water services. My tools of the trade were a short handle round nose shovel, a long handle round nose shovel, a square head short handle shovel, a tunneling spade, a pickaxe, two pound hammer and three one inch cold chisels one about 6 inches long one 8 inch and one twelve inches. The chisels and hammer came with a bruise and a swollen muscle between the thumb and index finger when you missed the head of the chisel.

The owner of the company let me know that this was the best way to learn the plumbing trade from the bottom up. His son was my best friend in high school.

Digging sump and ejector pit holes, drain-tile trenches, and chiseling through wall for building drains being the bottom man for installing sewers, and water services I was instructed by the plumbers never to touch the coil of copper for any reason that they would handle it, it was hard work but I was making $1.20 per hour and working ten hours a day most of the time 6 days a week, that’s $72.00 per week for a sophomore in high school, great money, and received a 25 cent raise each summer. I worked twelve weeks every summer until 1967 when I graduated from high-school. Then I went to work full time for the same company, I enjoyed every minute that I was working we worked through rain storms, snow storms, extreme hot and cold weather and had fun doing it. In 1969 I was called to protect our country by the United States Army. When I was discharged from the Army in late 1969 because of injuries I went to work as a laborer for a brick laying company that a friend helped me land the job. I worked for them until they went out of business, in early 1970. Then I went to work for the same plumbing company that I worked for in high-school. They had enrolled me into the apprenticeship program with Local Union 130. I went before the E-Board and spoke with one of the Apprenticeship instructors, he informed me that I would be working and receiving some of my training on the job site five days a week or more and that I would have to attend night school two times a week. The reason being that the plumbing company was extremely busy. I was loaned out to another plumbing company when work was abundant this company was a relative of the other company. This was my chance to see how other journeymen worked I was told by the owner of the first plumbing company to watch what the plumbers were doing after I dug the trenches for the plumbing to be installed and ask questions, which I did. In late 1977 work was slow, the plumbing company placed a call to the Hall for me and the hall provided me with a job with a commercial contractor. I worked for commercial contractors for most of my career. Then in 1998 I went to work for Cook County as a house plumber at Cook County Hospital, Then as a Plumbing Inspector for Cook County. I retired in Dec. 2013. Then I went to work as a State Plumbing Inspector in March of 2018 and have since retired again in 2020. During this time I volunteered for Building Together, Political Task Force, St. Patrick’s Day Parade, American Society of Sanitary Engineering, Illinois Plumbing Inspectors Association, Illinois Council of Code Administrators, U.S. Governments Affairs ASSE/IAPMO, and Committee for IEPA Water quality code changes for Backflow Prevention, Plumbing Code Sponsor. I AM NOW THE President of ASSE Illinois Chicago Chapter.

President ASSE Chicago Chapter
Gary W. Howard
THE FOLLOWING REMINDS ME OF PRESENT TIMES

THE TALE OF TWO CITIES

It was the best of times, it was the worst of times, it was the age of wisdom, it was the age of foolishness, it was the epoch of belief, it was the epoch of incredulity, it was the season of Light, it was the season of Darkness, it was the spring of hope, it was the winter of despair, we had everything before us, we had nothing before us, we were all going direct to Heaven, we were all going direct the other way—in short, the period was so far like the present period, that some of its noisiest authorities insisted on its being received, for good or for evil, in the superlative degree of comparison only.
XIII. The Fellow of No Delicacy

He was so unlike what he had ever shown himself to be, and it was so sad to think how much he had thrown away, and how much he every day kept down and perverted, that Lucie Manette wept mournfully for him as he stood looking back at her.

“Be comforted!” he said, “I am not worth such feeling, Miss Manette. An hour or two hence, and the low companions and low habits that I scorn but yield to, will render me less worth such tears as those, than any wretch who creeps along the streets. Be comforted! But, within myself, I shall always be, towards you, what I am now, though outwardly I shall be what you have heretofore seen me. The last supplication but one I make to you, is, that you will believe this of me.”

“I will, Mr. Carton.”

“My last supplication of all, is this; and with it, I will relieve you of a visitor with whom I well know you have nothing in unison, and between whom and you there is an impassable space. It is useless to say it, I know, but it rises out of my soul. For you, and for any dear to you, I would do anything. If my career were of that better kind that there was any opportunity or capacity of sacrifice in it, I would embrace any sacrifice for you and for those dear to you. Try to hold me in your mind, at some quiet times, as ardent and sincere in this one thing. The time will come, the time will not be long in coming, when new ties will be formed about you—ties that will bind you yet more tenderly and strongly to the home you so adorn—the dearest ties that will ever grace and gladden you. O Miss Manette, when the little picture of a happy father’s face looks up in yours, when you see your own bright beauty springing up anew at your feet, think now and then that there is a man who would give his life, to keep a life you love beside you!”

He said, “Farewell!” said a last “God bless you!” and left her.

The most impressive of the world’s oldest plumbing systems would be that of the Roman Empire. Rome has long been known for its engineering ability, and for a good reason. The first Roman sewer system called the Cloaca Maxima was built in the sixth century B.C. It started out as an open channel but was eventually closed and vaulted. The Cloaca Maxima is the oldest sewer system still in use today with some of its original masonry work still existing. Roman aqueducts also add to the ingenuity of one the world’s oldest plumbing systems. Relying on gravity alone, aqueducts transported water from the mountains to public bath houses and fountains. Water was then drained to the Cloaca Maxima, the constant supply of running water helped clear waste and obstacles from the sewer.
The world's oldest plumbing systems have helped shape modern days plumbing systems; particularly the Romans. Many of the world’s oldest plumbing systems can still be seen today, and make for popular tourist attractions. To learn more about the world's oldest plumbing systems subscribe to our blog!

We thank Chicago Journeymen Plumbers Local Union 130 U.A. for their continuing support.

We never stop learning about Prevention Rather than Cure and the Safety of the people of the World

Please visit IAPMO for free Covid 19 Series education

https://www.iapmo.org/webinars/covid-webinars
FOR THOSE WHO OWN A BUSINESS

https://coronavirus.illinois.gov/s/resources-for-business

Resources For Business

More Than $90 Million In Emergency Assistance Available for Small Businesses

On March 25, Gov. Pritzker announced a new package of emergency assistance programs for small businesses in need of additional capital, totaling more than $90 million dollars. Information about these Grants and Loans including eligibility, application information and when the funds will be disbursed is available on the SBA Initiatives webpage on the Illinois Department of Commerce and Economic Development website.

Illinois Small Business Emergency Loan Fund
This $60 million fund will support low-interest loans of up to $50,000 for small businesses in every industry.

DCEO and the Illinois Department of Financial and Professional Regulation (IDFPR) are partnering with Accion, the Illinois Bankers Association and the Community Bankers Association of Illinois to create this fund. Loans will be supported by a $30 million loan loss reserve, consisting of $20 million of DCEO funds and $10 million in funds secured with the partnership with the Illinois banking community.

Businesses with fewer than 50 employees and less than $3 million in revenue in 2019 will be eligible to apply. Successful applicants will owe nothing for six months and will then begin making fixed payments at 3% interest for the remainder of a five-year loan term.

DCEO is partnering with Accion Serving Illinois and Indiana to provide access to the Small Business Emergency Loan Fund in your area. You can initiate an application with Accion here.

Downstate Small Business Stabilization Program
This new $20 million program supports small businesses in suburban and rural counties across Illinois, providing grants of up to $25,000 to small businesses in communities served by DCEO’s Office of Community Development.

These grants will offer businesses of up to 50 employees the opportunity to partner with their local governments to obtain grants of up to $25,000 in working capital. The program redeploy Community Development Block Grant funds to support local small businesses.
Additional information and eligibility requirements can be found on [DCEO’s COVID-19 Resources for Businesses](#). Applications will be available on [DCEO’s website](#). The grants will be offered on a rolling basis.

**Hospitality Emergency Grant Program (grant application closed)**

To help hospitality businesses make ends meet in the midst of the COVID-19 pandemic, DCEO launched the Hospitality Emergency Grant Program with $14 million drawn from funds originally budgeted for job training, tourism promotion, and other purposes. Grant funds will support working capital like payroll and rent, as well as job training, retraining, and technology to support shifts in operations, like increased pick-up and delivery. Bars and restaurants that generated between $500K and $1M in revenue in 2019 are eligible for up to $25,000, and bars and restaurants that generated less than $500K in revenue in 2019 are eligible for up to $10,000. Hotels that generated less than $8M in revenue in 2019 are eligible for up to $50,000.

The Hospitality Emergency Grant Program application is now closed. Businesses that are selected to receive the grant will be notified by Accion, the program administrator, on April 4.

**Federal Programs Available**

**Small Business Administration (SBA) Disaster Loans**

The State of Illinois has received its statewide Economic Injury Declaration which means small businesses in all 102 Illinois counties may be eligible for low-interest, economic injury disaster loans up to $2M per business. For more information, click here: [https://disasterloan.sba.gov/ela/](https://disasterloan.sba.gov/ela/)

**Economic Injury Disaster Loans Advance Grants**

In addition to existing loans available under the SBA for Economic Injury Disaster Loans (EIDL), advance grants up to $10,000 can be made to provide immediate relief for small business operating costs for entities that apply for an Economic Injury Disaster Loan. Funds will be made within three days of a successful application.

Applicants apply directly to the SBA. Interested borrowers can start the application process at the [SBA’s website](#).

**Paycheck Protection Program**

The SBA will provide up to $349 billion in loans to eligible entities to help small businesses and nonprofits maintain their existing workforce and pay for expenses like rent, payroll, mortgage interest and utilities. All businesses, eligible entities include 501(c)(3) nonprofits, 501(c)(9) veterans’ organizations, Tribal concerns, sole proprietorships, self-employed individuals, and independent contractors, with 500 or fewer employees.
Importantly, loans are subject to forgiveness under certain circumstances, such as for employers who retain or rehire laid off employees. The SBA will forgive the portion of the loan proceeds that are used to cover the 8 weeks following the date of loan origination of payroll costs, rent, utilities and mortgage interest. The SBA advises that, due to likely high subscription, it is anticipated that not more than 25% of the forgiven amount may be for non-payroll costs.) The loans are 100% federally guaranteed under a new subsection of Section 7(a) of the Small Business Act.

To apply you can call your local bank or find SBA-approved lenders in your area through SBA’s online Lender Match tool. You can also refer to this list of active lenders in Illinois. For more information go to DCEO’s COVID-19 Resources for Businesses.

**Additional Measures**

Gov. Pritzker has announced that the state is deferring sales tax payments for more than 24,000 small- and medium-sized bars and restaurants, and the administration has ensured small businesses from every county are eligible to apply for low-interest coronavirus disaster assistance loans of up to $2 million from the U.S. Small Business Administration.

**Resources for Childcare Facilities and Providers**

Beginning Saturday, March 21st at 5pm CST, licensed childcare centers and all childcare homes serving more than six children will be closed. The administration is working to expand the availability of childcare in small group sizes for essential workers through a newly available Emergency Child Care Center license. Interested providers can apply for an emergency license by completing the forms referenced below. All applications can be submitted to the Illinois Department of Childhood and Family Services (DCFS) at Emergency.Daycare@illinois.gov. Interested parties can submit the application immediately and will have up to five business days to develop and submit the required materials.

**Forms**

- CFS 597 Application for Child Care Facility License
- CFS 718-B Authorization for Background Check for Child Care

**Additional Questions**

If you have additional questions regarding how the order effects your business please contact 1-800-252-2923 or CEO.support@illinois.gov
Musanze, Rwanda (June 18, 2020) — The World Plumbing Council (WPC) has facilitated a partnership between The International Water, Sanitation and Hygiene Foundation (IWSH) and the Rwanda Plumbers Organization (RPO) to support community hand washing and public health awareness activities in response to the COVID-19 pandemic.

In recognition of World Plumbing Day — a date established by the WPC and celebrated across the globe every March 11 — an RPO team recently designed and donated a mobile hand-washing station via a plumbing workshop hosted at the Integrated Polytechnic Regional College (IPRC) in the Huye district, an activity also intended to remind plumbers-in-training of their essential responsibility in protecting public health. Due to the positive impact of the new facility at IPRC Huye during the COVID-19 pandemic, the RPO has been inspired to extend the project to schools in the Musanze district.

In Musanze, the RPO will now provide mobile hand-washing stations to three primary schools, two high schools and five vulnerable households in the sectors of Muhoza, Muko and Cyuve. The project was launched today under the banner of “Plumbing For Health” at the Nkotsi sector office by Nkotsi Sector Executive Secretary Theoneste Hanyurwabake, who was representing Musanze District Mayor Jeannine Nuwumuremyi.

“Our hand-washing station facility has been designed and built to meet sanitation and hygienic standards, and is a response to prevent not only the spread of COVID-19 infection but also the transmission of other viral illness and pathogenic diseases, as well as increasing awareness of good hygienic practice in the community,” said RPO Founder Jean Claude Twagirimana, who is also a plumbing instructor with IPRC Musanze.

“As a newly created plumbing organization in our country — the first plumbing organization of this kind — this project will demonstrate the role that plumbers must play to protect the health of the Rwandan
community, increase awareness of professionalism for RPO members and bring in mind of all Rwandans that the RPO is there for them,” Twagirimana added.

In 2018, Twagirimana was the recipient of the inaugural Instructor Training Program Scholarship for Trainers from Developing Countries, presented by the WPC and United Association (UA). Taking what he learned from his overseas research visits and further studies, he helped establish the RPO on his return to Rwanda.

“I had the honor of showing Jean Claude around when he came to the United States as part of the Instructor Training Program and quickly learned how passionate he is about using his skills as a plumber to help back home,” said WPC Chair/UA Director of Plumbing Services Thomas Bigley.

The WPC is an international organization that promotes the vital role the plumbing industry has to play by enhancing health, environmental sustainability and economic prosperity through good quality plumbing practices, worldwide.

“The WPC is proud to have played a role in bringing together IWSH and the newly formed Rwanda Plumbers Organization to help deliver sanitation and promote public health awareness, particularly during the COVID-19 pandemic,” said IAPMO COO and WPC Deputy Chair Dave Viola.

When: August 17-19, 2020
The International Association of Plumbing and Mechanical Officials (IAPMO), in conjunction with Special Pathogens Laboratory (SPL), is offering an ASSE 12080 *Legionella* Water Safety and Management Specialist Certification Training program, Aug. 17-19.

SPL President Janet Stout, Ph.D., a clinical and environmental biologist with more than 30 years of pioneering research in *Legionella*, will teach the three-day course. The speakers will include David Pierre, vice president of SPL Consulting Services, and Michael Castro, MPH, SPL’s director of Healthcare Services.

“This training provides the critical knowledge that industry professionals need to prevent this life-threatening disease. At completion, attendees meet the knowledge requirements for the very first Legionella professional qualifications standard [ASSE 12080]. IAPMO’s expertise in education and training, together with Special Pathogens Laboratory, provides participants with the knowledge they need to become an ASSE certified professional for Legionella water safety and management, getting us closer to ending Legionnaires’ disease!”

- SPL President Janet Stout, Ph.D.

Attendees will gain the requisite knowledge, understanding, and competency to serve as a member of a facilities water safety team to help protect against *Legionella* outbreaks and react to one appropriately should it occur. The program will focus on the development of a risk assessment analysis, and water management and sampling plan, for protection from *Legionella* and other waterborne pathogens. The training will also cover the codes, and the resources, understanding, and skills needed to conduct a facility risk assessment and implement a water safety and management program to reduce the risk of infections due to *Legionella*. 

*Where:* UA Local 130 Training Center, Chicago, IL

*Register:* [www.iapmolearn.org](http://www.iapmolearn.org)
The ASSE 12080 certification exam will be administered at the end. Attendees who pass the exam will become certified as Legionella Water Safety and Management Specialists.

The training program is scheduled for 8 a.m.-5 p.m. Aug. 17-19 at the UA Local 130 Training Center, 1400 W. Washington Blvd., Chicago. The registration fee includes the ASSE exam, the SPL workbook *Puzzled by Legionella? A Guide to Understanding Detection, Prevention, and Water Management*, and lunch.


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2020 ASSE INTERNATIONAL ANNUAL MEETING UPDATE

Out of an abundance of caution and concern for the health and safety of our members and staff, ASSE International has made the tough decision to hold its 2020 Annual Meeting via Zoom web conference instead of in person at the San Diego Marriott Mission Valley. With an increase of COVID-19 cases nationwide, and with so much yet to understand, we are taking this precaution to protect our event attendees and the general public.

Along with most organizations, canceling our in person events is the right decision – not only to protect the health of our attendees, but also because of the unpredictability of travel and hotel accommodations. Because of these uncertainties, we have decided to host the 2020 Annual Meeting virtually.

Please note that meetings are NOT canceled – the majority of our scheduled meetings will still take place via Zoom’s online meeting and web conferencing tool.
The dates of the 2020 ASSE International Annual meeting will remain the same – Oct. 26-29 – and the meetings will be open to all, free of charge. We will also continue accepting sponsorships for the 2020 meeting and will provide as much company exposure as possible before, during, and after the four day virtual meetings.

While we are still working on the schedule of events, sponsorship opportunities, and other specific details, we want to assure you that this year’s meeting will be as productive and fun as ever. We’re even working on some games and activities for attendees, and have a few surprises up our sleeves. This could even prove to be a great opportunity for members who have never attended an Annual Meeting due to travel or financial restrictions – no travel, lodging, or registration fees are required this year!

We will be posting the 2020 schedule, along with sponsorship info, agendas, and Zoom call-in information and access codes, as soon as possible at www.asse-plumbing.org/am20.

At the ASSE International Annual Meeting, experts from all segments of the industry will gather electronically to participate in meetings, view educational seminars, and celebrate member achievements. From manufacturers, engineers, and contractors, to students, instructors, and administrators, all involved in our industry will find the ASSE International Annual Meeting to be time well spent.

We look forward to meeting with everyone online to continue our business, and we wish you all the best during this unique time. Stay healthy and remember ASSE’s timeless motto, "Prevention Rather Than Cure."

Thank you for your understanding and patience,

ASSE International

*Free Patch for active members who send a self-stamped address envelope with two stamps and a copy of your membership card to 6001 Wolf Rd, LaGrange, IL. 60525*
50% off new active member dues on the first year. As a member of ASSE International you will belong to an organization represented by all disciplines of the plumbing and mechanical industries, forming a platform to receive, understand and solve industry problems relating to standards, codes, contracting, engineering, and business. We encourage you to attend Meetings, get involved in chapter activities and apply for national committee work. Whether it’s through planning, or participating in local chapter activities and meetings, submitting articles to our publication, or volunteering on a committee, your involvement is essential to ASSE International success. Now is the time to immerse yourself in your organization.

A few privilege’s you will enjoy as an ASSE International member:
- Networking and educational opportunities within our industry
- Free subscription to ASSE International publications Working Pressure magazine and ASSE international Electronic News Letter
- Discounts on publications published by ASSE International (25% off) and select discounts from other reciprocating organizations
- Voting rights at Annual Meetings

Please read carefully, fill in all applicable sections and indicate the membership classification for which you are applying.

Government applicants must provide proof of employment to be eligible. Please see reverse side for membership classification descriptions, chapters and dues rates. You may also join online at www.assewebstore.com/membership.

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Manufacturers of plumbing products and appliances, or others who are affiliated with the plumbing and mechanical field and desire to support the work of the organization. One member or representative of such membership will have privileges of an Active member.

ASSE INTERNATIONAL CHAPTERS AND DUES
Including below represents first-year member pricing (50% off new Active member dues). Full rates apply after first year of membership.

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GOV $60 SUST $300
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Missouri (St. Louis)
ACT (new) $45.00 STUD $25 GOV $60 SUST $300
Nevada (Las Vegas)
ACT (new) $42.50 STUD $25 GOV $60 SUST $300
New York (New York City)
ACT (new) $75.00 STUD $25 GOV $85 SUST $300
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Northern Ohio (Cleveland)
ACT (new) $50.00 STUD $25 GOV $60 SUST $300
Oklahoma (Tulsa)
ACT (new) $50.00 STUD $25 GOV $60 SUST $300
Oklahoma City
ACT (new) $42.50 STUD $25 GOV $60 SUST $300
Pacific Northwest (Oregon)
ACT (new) $42.50 STUD $25 GOV $60 SUST $300
Pennsylvania (Philadelphia)
ACT (new) $45.00 STUD $30 GOV $70 SUST $300
Rocky Mountain (Denver)
ACT (new) $42.50 STUD $25 GOV $60 SUST $300
Texas (Dallas)
ACT (new) $42.50 STUD $25 GOV $60 SUST $300
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Advocacy and Support You Can Count On

Plumbing Contractors
Association of Greater Chicago (PCA)

603 Rogers Street, Suite 2 Downers Grove, IL.60515 312-563-9526

The PCA represents and promotes UA Local 130 signatory plumbing contractors in Chicago and Northern Illinois (17 counties) with top quality service, education, advocacy, safety, peer to peer networking and much more. Consumers: To hire one of our reputable plumbing contractors for residential or 24-hour emergency service, click on “Find a Plumber” or call 1-800-76-VALVE (82583). Contractors: To subcontract one of our reputable plumbing contractors for residential, commercial, municipal or industrial work, click on “Find a Contractor” or call 312-563-9526.
WSA Programs

From safety initiatives to educational programming and more, WSA’s programs are all designed to do one thing: make our contractors more competitive by lowering their cost to do business.

Case in point: WSA’s Safety Materials Program, which offers our member contractors – at no charge to them – quarterly access to hard hats, high-visibility t-shirts, a series of safety messages to distribute as part of their own safety program, vehicle decals, and even Illinois and Department of Labor jobsite posters.

Safer employees can mean lower mod rates for contractors, meaning the savings can go farther than just registration rates.

It’s all part of WSA’s commitment to improving the bottom line for its members. Isn’t that what your contractor organization should be all about?
ASSE ILLINOIS CHICAGO CHAPTER HAS BEEN INVOLVED FROM THE BEGINNING TO THE END OF EVERY PROJECT IN CHICAGO AND POSSIBLY ILLINOIS SINCE AT LEAST FROM 1918. TAKE PRIDE IN BEING A MEMBER
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**Kit Includes:** 1st Check Assembly, O-Ring and Lube

**Ames 7010114 – Relief Valve Kit 2 ½” -10” for 400SS RP and 5000SS RPDA**

**Kit Includes:** Complete Relief Valve Assembly, Relief Valve O-Ring, Lube

**Watts: 0794090 – Complete Total Rubber Kit 4” for 909 RP; *Lead Free* (Previously 0887751)**

**Kit Includes:** Check Disc, Cover O-Ring, Sleeve O-Ring, Piston O-Ring, RV Disc Assembly, Diaphragm, Piston

**RK 4-350**
4” 350AST, 4” 375AST

**Kit Includes:** (2) Check Disc Rubber, (2) Cover O-Ring, (8) Bolt O-Ring, Lube

**Apollo-Conbraco: 40-004-A1 – ¾”-1” Major Repair Kit for 40-200 RP**

**Kit Includes:** RV Bushing, RV Stem, Diaphragm Plate, (2) Poppet, RV Diaphragm, RV Seat Disc, (2) Check Seat Disc, Stem O-Ring, Bushing O-Ring, (2) Check Cap O-Ring, RV Spring, (2) Screw, (2) Retaining washer, (2) Check Seat, (2) O-Rings, RV Seat, RV O-Ring
CEU Registration Form 2020

Name: ____________________________________________________________

IL PL# (Starts with 058 or J): ______________________________________

Email: __________________________________________________________

Billing Address: __________________________________________________

City: __________________ State: ________ Zip: ________________

Credit Card Number: _____________________________________________

Expiration Date: __________/________ CCV: ______________

Please CHECK which class you would like to attend:
**All classes will be from 5pm – 9pm with Dinner included**

☐ BACKFLOW REPAIR COURSE 585
   This course is focused on refreshing the Cross Connection Tester on testing procedures as well as hands on repairs for approved assemblies for the state of Illinois. During this class we will be going over our NEW mechanical wall, show you how water pressure fluctuations affect backflow assemblies, how to remedy the situation and be able to see it in a live setting. Also new this year is the Flood Control Integrated System by Wilkins; this system can be designed to shut off a specific water line when a backflow goes into a full dump situation.
   ☐ Thursday, January 16th
   ☐ Thursday, January 30th
   ☐ Thursday, February 13th
   ☐ Thursday, February 27th
   ☐ Tuesday, March 3rd
   ☐ Tuesday, March 17th
   ☐ Thursday, April 2nd
   ☐ Thursday, April 15th
   ☐ Thursday, April 30th

☐ NEW!! LARGE BACKFLOW REPAIR (SMALL GROUP) - Max 12 attendees per class $125 per person
   Small group backflow repair class. Classes will consist of 3 individual groups working with an individual instructor to do hands on testing, diagnosis, and repair of large backflow assemblies only. The repair class will involve repairing of the following backflow assemblies:
   • 4” Febo 825YD
   • 4” Ames 4000SS
   • 3” Watts 009
   • 3” Ames Maxim 400
   • 4” Wilkins 375AST
   • 3” Watts 909
   ☐ Tuesday, January 21st
   ☐ Tuesday, February 4th
   ☐ Tuesday, February 18th
   ☐ Tuesday, March 12th
   ☐ Thursday, March 26th
   ☐ Tuesday, April 7th
   ☐ Tuesday, April 21st

Location: Test Gauge, Inc. | 1051 E Main St, Unit 107 | East Dundee, IL 60118
Toll Free: (866) 836-8692 | Local: (847) 836-8690 | Email: salesgroup@testgauge.net