



**AMERICAN SOCIETY OF SANITARY ENGINEERING  
ILLINOIS CHAPTER  
SANITATION NEWSLETTER**



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**AMERICAN SOCIETY OF SANITARY ENGINEERING ILLINOIS CHAPTER**

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Published in cooperation with the Board of Directors and Officers of ASSE Illinois Chapter, Editor: Gary W. Howard

**THIS MONTHS ISSUE PAYS TRIBUTE TO OUR FELLOW  
BROTHERS AND SISTERS OF THE UNITED ASSOCIATION**

The United Association of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of the United States and Canada (UA) represents approximately 362,000 Plumbers, Pipefitters, Sprinkler Fitters, HVACR Service Technicians, Welders and Pipeliners working in the construction industry throughout North America.

From Lilith to the next girl born on Earth the men of the world salute all women and girls.

HAPPY  
WOMAN  
MONTH

WE COULDN'T  
DO WITHOUT  
YOU

The banner features a dark blue background with a white silhouette of a city skyline, including several skyscrapers. The text is centered and reads:

# ASSE International MID-YEAR MEETING

**APRIL 4-5, 2023**

Plumbers Local 130 Training Center  
Chicago, Illinois

## 2023 MID-YEAR MEETING IS QUICKLY APPROACHING!

The 2023 ASSE International Mid-Year Meeting will be held April 4-5, 2023 at Plumbers Local 130 Training Center in Chicago — just 5 weeks away! Whether you're a manufacturer, training provider, engineer, contractor, or general member, there are several meetings that will help you get a full perspective of ASSE's program development.

Registration is \$100 for one day or \$140 for both days (*if you are not on a committee that is meeting*). Attendees may choose to attend in person or online via Zoom (*registration fees apply to both in person and online registrations*). Lunch is included with in-person registration.

***If you are a member of a committee that is meeting, a coupon code for 75% off registration fees has been provided to you. If you haven't received a code, please reach out to your committee's staff coordinator.***

[REGISTER NOW](#)

[VIEW THE SCHEDULE](#)

[BOOK HOTEL ROOM](#)

We have rooms reserved at Hampton Inn Chicago Downtown West Loop for Monday, April 3 through Friday, April 7. Our special rate is \$169 per night. **You must book by March 6** to receive this rate. Booking is simple: just click [HERE](#) or the button above, then select "Book a Room."

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**JOIN US FOR AN UN-BOWL-IEVABLE EVENT  
AT THE 2023 MID-YEAR MEETING!**



Attending the 2023 ASSE International Mid-Year Meeting in Chicago? Join us on Day 1 – Tuesday, April 4 – for our *Un-bowl-ievable Event* at [Punch Bowl Social Chicago](#)! The event, which will include bowling, light dinner, and beverages, is the perfect opportunity to relax, re-connect with colleagues and friends, and have a bit of fun.

To register for the Mid-Year 2023 ASSE meeting  
<https://assewebstore.com/2023-asse-interna>

2023 Chicago St. Patrick's Day Parade - Saturday, March 11 at  
12:30pm - proudly sponsored by Chicago's Very Own - Plumbers  
Local 130 UA

Please join us in welcoming the  
Chicago St. Patrick's Day Parade

The United Association was officially born on October 11, 1889. The original name of the organization was the United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada.

**The United Association are partnered with;**

**North America's Building Trades Unions (NABTU);** NABTU is a federation of the 14 building trades working across North America. It was founded in 1907 and represents the interests of more than 3 million skilled tradespeople.

**The Mechanical Contractors Association of America;** The MCAA serves the unique needs of approximately 2,600 firms involved in heating, air conditioning, refrigeration, plumbing, piping and mechanical service. MCAA and the UA work together to expand market share, provide education and training, promote new generations of leaders and so much more.

**The Mechanical Service Contractors Association of America;** MSCA is the leading organization for HVACR contractors, providing education, marketing and labor/management services to ensure its contractor members deliver quality performance, value and expertise for all building system needs.

**Plumbing Contractors Association;** The PCA represents the interests of union plumbing contractors (the United Association of Plumbers and Pipefitters) on a national level. In addition to lobbying, the PCA works with other industry groups and associations. Members of the PCA sit on the Board of Directors for IAPMO, and works directly with ASSE, ASPE and the World Plumbing Council.

**The Plumbing-Heating-Cooling Contractors Association;** The UA and the PHCC work together to promote the interests of unionized HVACR and plumbing contractors. These contractors work in the residential, commercial, new construction, industrial and service and repair segments of the construction industry.



**Pipe Line Contractors Association;** The Pipe Line Contractors Association was established in 1948 and negotiates labor agreements, encourages safe practices in pipeline construction and seeks the resolution of problems common to all those in the industry. The Association negotiates and administers the National Pipe Line Agreements collective bargaining labor contracts, with the International Unions representing the four crafts of employees involved in pipeline construction: Laborers International Union of North America, International Brotherhood of Teamsters, United Association of Plumbers and Pipefitters and the International Union of Operating Engineers.

**National Fire Sprinkler Association;** for over a century, the National Fire Sprinkler Association has been advocating for the widespread acceptance of fire sprinkler systems throughout the United States. This effort is in keeping with the NFSA mission: “To protect lives and property from fire through the wide-spread acceptance of the fire sprinkler concept.”

The UA has many other associations and organizations that they partner with. These include: the AFL-CIO; the Construction Users Roundtable (CURT); the National Certified Pipe Welding Bureau (NCPWB); the Pipe Fabrication Institute (PFI), and The Association of Union Constructors (TAUC).



**WHEN OVER 3500 DELEGATES FROM THE PIPE TRADES ACROSS NORTH AMERICA UNANIMOUSLY ELECT OFFICERS INTO THE UNITED ASSOCIATION YOU KNOW ALL IS WELL WITH THE ASSOCIATION AND MEMBERSHIP.**



**Mark McManus**  
General President



**Patrick Kellett**  
General Secretary-Treasurer



**Michael Pleasant**  
Assistant General President

**Growing stronger because our leadership has served their time with the tools of their trade**



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- b. Kenneth J. Broadbent Vice President District 2***
- c. Daniel C. Hendrix Vice President District 3***
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**Benjamin L. Ranger Special Representative**  
**Joseph A. Rohrer Special Representative**  
**David L. Tolley Special Representative**

***WHAT MARKET DOES THE UNITED ASSOCIATION SERVE?***

**Commercial and Institutional**

**Energy and Infrastructure**

**Fabrication**

**Fire Protection**

**Heating, Ventilating, Air Conditioning and Refrigeration (HVACR)**

**Industrial**

**Medical and Pharmaceutical**

**Residential**

**Water Safety**

## UNITED ASSOCIATION UNIONS IN THE UNITED STATES

- LU 91 BIRMINGHAM AL
- LU 372 TUSCALOOSA AL
- LU 548 MONTGOMERY AL
- LU 119 MOBILE AL
- LU 52 MONTGOMERY AL
- LU 760 SHEFFIELD AL
- LU 367 ANCHORAGE AK
- LU 375 FAIRBANKS AK
- LU 262 JUNEAU AK
- LU 469 PHOENIX AZ
- LU 155 STATE OF ARKANSAS
- LU 460 BAKERSFIELD CA
- LU 114 SANTA BARBARA CA
- LU 761 BURBANK CA
- LU 467 SAN MATEO CA
- LU 62 MONTEREY-SANTA CRUZ CA
- LU 364 COLTON CA
- LU 342 OAKLAND CA
- LU 345 LOS ANGELES CA
- LU 246 FRESNO CA
- LU 250 LOS ANGELES CA
- LU 483 SAN FRANCISCO CA
- LU 78 LOS ANGELES CA
- LU 159 MARTINEZ CA
- LU 228 MARYSVILLE CA
- LU 442 STOCKTON CA
- LU 582 SANTA ANA CA
- LU 398 POMONA CA
- LU 447 SACRAMENTO CA
- LU 230 SAN DIEGO CA
- LU 38 SAN FRANCISCO CA
- LU 393 SAN JOSE CA
- LU 403 SAN LUIS OBISPO CA
- LU 343 VALLEJO-NAPA CA
- LU 355 BURLINGAME CA
- LU 484 VENTURA CA
- LU 709 LOS ANGELES CA
- LU 3 DENVER CO
- LU 58 COLORADO SPRINGS CO
- LU 208 DENVER CO
- LU 145 GRAND JUNCTION CO
- LU 777 STATE OF CONNECTICUT
- LU 74 WILMINGTON DE
- LU 295 DAYTONA BEACH FL
- LU 123 TAMPA FL
- LU 719 BROWARD COUNTY FL
- LU 519 MIAMI FL
- LU 234 JACKSONVILLE FL
- LU 725 MIAMI FL
- LU 803 ORLANDO FL
- LU 630 WEST PALM BEACH FL
- LU 821 STATE OF FLORIDA
- LU 72 ATLANTA GA
- LU 150 AUGUSTA GA
- LU 177 BRUNSWICK GA
- LU 473 JESUP GA
- LU 188 SAVANNAH GA
- LU 675 HONOLULU HI
- LU 811 HONOLULU HI
- LU 296 BOISE ID
- LU 648 POCATELLO ID
- LU 281 CHICAGO IL
- LU 101 BELLEVILLE IL
- LU 99 BLOOMINGTON IL
- LU 439 EAST ST LOUIS IL
- LU 653 CENTRALIA IL
- LU 130 CHICAGO IL
- LU 597 CHICAGO IL
- LU 360 EAST ST LOUIS IL
- LU 63 PEORIA IL
- LU 553 ALTON IL
- LU 160 CARBONDALE IL



- LU 353 PEORIA IL
- LU 25 ROCK ISLAND IL
- LU 23 ROCKFORD IL
- LU 149 CHAMPAIGN IL
- LU 137 SPRINGFIELD IL
- LU 551 HERRIN IL
- LU 136 EVANSVILLE IN
- LU 166 FORT WAYNE IN
- LU 440 INDIANAPOLIS IN
- LU 210 HOBART IN
- LU 172 SOUTH BEND IN
- LU 157 TERRE HAUTE IN
- LU 125 CEDAR RAPIDS IA
- LU 33 DES MOINES IA
- LU 441 WICHITA KS
- LU 248 ASHLAND KY
- LU 452 LEXINGTON KY
- LU 502 LOUISVILLE KY
- LU 633 OWENSBORO KY
- LU 184 PADUCAH KY
- LU 247 ALEXANDRIA LA
- LU 198 BATON ROUGE LA
- LU 60 NEW ORLEANS LA
- LU 141 SHREVEPORT LA
- LU 716 STATE OF MAINE
- LU 900 WASHINGTON DC
- LU 486 BALTIMORE MD
- LU 5 WASHINGTON DC
- LU 602 WASHINGTON DC
- LU 669 COLUMBIA MD
- LU 489 CUMBERLAND MD
- LU 12 BOSTON MA
- LU 550 BOSTON MA
- LU 537 BOSTON MA
- LU 104 SPRINGFIELD MA
- LU 4 WORCESTER MA
- LU 190 ANN ARBOR MI
- LU 174 WEST MICHIGAN
- LU 111 ESCANABA MI
- LU 636 DETROIT MI
- LU 370 FLINT MI
- LU 333 LANSING MI
- LU 98 DETROIT MI



- LU 671 MONROE MI
- LU 85 SAGINAW MI
- LU 357 KALAMAZOO MI
- LU 704 DETROIT MI
- LU 11 DULUTH MN
- LU 15 MINNEAPOLIS MN
- LU 340 MINNEAPOLIS MN
- LU 539 MINNEAPOLIS MN
- LU 6 ROCHESTER MN
- LU 417 MINNEAPOLIS MN
- LU 34 ST PAUL MN
- LU 455 ST PAUL MN
- LU 589 HIBBING MN
- LU 568 GULFPORT MS
- LU 436 PASCAGOULA MS
- LU 619 VICKSBURG MS
- LU 562 ST LOUIS MO
- LU 8 KANSAS CITY MO
- LU 781 KANSAS CITY MO
- LU 314 KANSAS CITY MO
- LU 533 KANSAS CITY MO
- LU 178 SPRINGFIELD MO
- LU 45 ST JOSEPH MO
- LU 268 ST LOUIS MO
- LU 30 BILLINGS MT
- LU 41 BUTTE MT
- LU 459 MISSOULA MT
- LU 16 OMAHA NE
- LU 464 OMAHA NE
- LU 525 LAS VEGAS NV
- LU 350 RENO NV
- LU 131 CONCORD-MANCHESTER NH
- LU 788 PORTSMOUTH NH
- LU 9 CENTRAL NEW JERSEY
- LU 696 NEWARK NJ
- LU 274 JERSEY CITY NJ
- LU 855 JERSEY CITY NJ
- LU 475 NEWARK NJ
- LU 24 LODI NJ
- LU 322 SOUTHERN NEW JERSEY
- LU 412 ALBUQUERQUE NM
- LU 112 BINGHAMTON NY

- LU 773 GLENS FALLS NY
- LU 7 ALBANY NY
- LU 1 NEW YORK NY
- LU 638 NEW YORK NY
- LU 373 ROCKLAND COUNTY NY
- LU 21 PEEKSKILL NY
- LU 13 ROCHESTER NY
- LU 200 NASSAU-SUFFOLK NY
- LU 128 SCHENECTADY NY
- LU 81 SYRACUSE NY
- LU 22 BUFFALO NY
- *LU 300 NORTH & SOUTH DAKOTA*
- *LU 219 AKRON OH*
- *LU 396 BOARDMAN OH*
- *LU 55 CLEVELAND OH*
- *LU 495 CAMBRIDGE OH*
- *LU 94 CANTON OH*
- *LU 392 CINCINNATI OH*
- *LU 120 CLEVELAND OH*
- *LU 189 COLUMBUS OH*
- *LU 162 DAYTON OH*
- *LU 776 LIMA OH*
- *LU 168 MARIETTA OH*
- *LU 50 TOLEDO OH*
- *LU 42 NORWALK OH*
- *LU 577 PORTSMOUTH OH*
- *LU 711 STATE OF OHIO*
- *LU 344 OKLAHOMA CITY OK*
- *LU 430 TULSA OK*
- *LU 798 TULSA OK*
- *LU 290 PORTLAND OR*
- *LU 27 PITTSBURGH PA*
- *LU 520 HARRISBURG PA*
- *LU 420 PHILADELPHIA PA*
- *LU 690 PHILADELPHIA PA*
- *LU 692 PHILADELPHIA PA*
- *LU 542 PITTSBURGH PA*
- *LU 449 PITTSBURGH PA*
- *LU 524 SCRANTON PA*
- *LU 600 READING PA*
- *LU 354 LATROBE PA*
- *LU 51 PROVIDENCE RI*
- *LU 421 CHARLESTON SC*
- *LU 614 MEMPHIS TN*
- *LU 854 HENDERSON TN*
- *LU 43 CHATTANOOGA TN*



- LU 538 JOHNSON CITY TN
- LU 102 KNOXVILLE TN
- LU 17 MEMPHIS TN
- LU 572 NASHVILLE TN
- LU 702 NASHVILLE TN
- LU 718 OAK RIDGE TN
- *LU 286 AUSTIN TX*
- *LU 211 HOUSTON TX*
- *LU 146 FORT WORTH TX*
- *LU 68 HOUSTON TX*
- *LU 404 NORTHWEST TEXAS*
- *LU 100 DALLAS TX*
- *LU 142 SAN ANTONIO TX*
- *LU 529 WACO TX*
- *LU 140 SALT LAKE CITY UT*
- *LU 693 BARRE VT*
- *LU 851 HOPEWELL VA*
- *LU 110 NORFOLK VA*
- *LU 376 NORFOLK VA*
- *LU 10 RICHMOND VA*
- *LU 477 PORTSMOUTH VA*
- *LU 272 PORTSMOUTH VA*
- *LU 26 WESTERN WASHINGTON*
- *LU 598 PASCO WA*
- *LU 32 SEATTLE WA*
- *LU 699 SEATTLE WA*
- *LU 44 SPOKANE WA*
- *LU 625 CHARLESTON WV*
- *LU 521 HUNTINGTON WV*
- *LU 152 MORGANTOWN WV*
- *LU 565 PARKERSBURG WV*
- *LU 83 WHEELING WV*
- *LU 400 APPLETON WI*
- *LU 118 RACINE WI*
- *LU 183 MILWAUKEE WI*
- *LU 75 MILWAUKEE WI*
- *LU 601 MILWAUKEE WI*
- *LU 434 CENTRAL & WESTERN WI*
- *LU 192 CHEYENNE WY*

## UNITED ASSOCIATION UNIONS IN CANADA

- LU 496 CALGARY AB
- LU 488 EDMONTON AB
- LU 170 VANCOUVER BC
- LU 516 VANCOUVER BC
- LU 324 VICTORIA BC
- LU 254 WINNIPEG MB
- LU 325 FREDERICTON NB
- LU 213 ST JOHN NB
- LU 740 ST JOHNS NL
- LU 244 ANTIGONISH NS
- LU 56 HALIFAX NS
- LU 282 HALIFAX NS
- LU 682 SYDNEY NS
- LU 401 EASTERN-CENTRAL ON
- LU 787 TORONTO ON
- LU 67 HAMILTON ON
- LU 853 TORONTO ON
- LU 71 OTTAWA/HULL ON
- LU 663 SARNIA ON
- LU 46 TORONTO ON
- LU 800 SUDBURY ON
- LU 628 THUNDER BAY ON
- LU 527 SOUTHWESTERN ONTARIO
- LU 721 CHARLOTTETOWN PE
- LU 827 CORNWALL ON
- LU 500 CHICOUTIMI QC
- LU 292 MONTREAL QC
- LU 144 MONTREAL QC
- LU 608 MONTREAL QC
- LU 179 REGINA SK
- LU 310 WHITEHORSE YT



**The United Association also has International Affiliations in Ireland, and Australia**

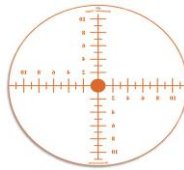
**If you know someone who wants into a trade that can support their family have them contact their local union**

In 1936, The United Association's joint apprenticeship program was the first nationally registered program recognized by the Department of Labor in the United States. Over the many decades since, UA training has evolved into a sophisticated and comprehensive program of classroom, workshop and on-the-job training. This high-tech, cutting edge training ensures that apprentices who complete the five-year program will have a career path that provides good wages, generous benefits, as well as opportunities that range from project management to owning their own business.

As a Disabled Veteran I cannot tell you how grateful my family and I are to Plumbers Local Union 130 U.A. Chicago for accepting me into their training program after I returned from the United States Army. When I needed time off because of Pain it was no problem. Over my 42 years I have made approximately over 2.2 million dollars, starting salary was \$4.25 per Hour. At some of today's wages as a Journeyman Plumber you could make around 6 to 7 Million over the same time period.



From one Brotherhood  
to another, you will  
feel welcome



### Veterans in Piping®

More than ten years ago, the United Association established the Veterans in Piping® Program, now widely recognized as a model for training and job placement for military men and women exiting the service. The VIP® program is on seven military bases around the country, and service members who complete the program are guaranteed placement in a local union, as well as a job leading to a lucrative career.

To learn more about the VIP program, please [visit www.uavip.org](http://www.uavip.org)

Helmets to Hardhats The UA is a participant in the Helmets to Hardhats program, a national, nonprofit program that connects National Guard, Reserve, retired and transitioning active-duty military service members with skilled training and quality career opportunities in the construction industry.

For more about Helmets to Hardhats, please  
visit <https://helmetstohardhats.org>



# COLA increase



## Disabled veterans will see the largest increase in monthly benefits since 1981

By Matt Saintsing

**D**isabled veterans and military retirees will see a nearly 9% cost-of-living adjustment (COLA) in their monthly benefits from the Department of Veterans Affairs in 2023, the most significant jump since 1981.

The Social Security Administration (SSA) announced the 8.7% increase in October, following a second year of high inflation. Veterans benefits, such as disability compensation, clothing allowance, and Dependency and Indemnity Compensation, are tied to SSA's cost-of-living determination.

"Over the past two years, like much of the country, disabled veterans have had to balance the needs of their family with rising costs," said Washington Headquarters Executive Director Randy Reese. "This COLA increase is absolutely critical for so many disabled veterans, many of whom rely on their earned veterans benefits to make ends meet."

Over the past decade, COLA increases had climbed modestly, not increasing more than 2.8% in a single year (2018). But the COVID-19 pandemic and subsequent supply chain issues, surging demand and higher production costs hit Americans in the wallet. Overall, inflation shot up 8.2%, causing rising prices for food, rent and other everyday living expenses.

The 2022 COLA hike was 5.9%.

The adjustment for 2023 means a disabled veteran with a 10% VA rating can expect to see about \$13.28 more each month, and a 100% disabled veteran with no dependents will receive \$300 more per payment. ■

### Learn More Online

The VA maintains a full disability compensation table at [dav.la/39d](http://dav.la/39d).



***In the spirit of friendship and cooperation, the Illinois Chapter of the American Society of Sanitary Engineering (ASSE) and the Plumbing Contractors Association of Greater Chicago (PCA) are both proud to represent and serve the skilled and dedicated professionals in our industry. To make up for a few advertisements that were missed in recent issues due to an unintentional oversight, our ASSE Chapter is pleased to run this expanded version of the PCA's ad.***



### ***PCA of Greater Chicago***

Advocacy and support you can count on.

The ***Plumbing Contractors Association*** (PCA) represents and serves UA Local 130 signatory plumbing contractors in Chicago and Northern Illinois (17 counties) with quality resources, education, advocacy, safety, networking, and much more – led by a dedicated volunteer contractor board and a full-time staff.

The PCA (and ***Plumbing Council***) provides our members with an array of practical services and benefits, so contractors can focus on best serving their customers. Since 1882, the PCA has shown that “none of us is as strong as all of us.” As the only local plumbing contractors’ association affiliated with and active in the National and State PHCC; MCAA; IMSCA; CISCO; and UAC, the PCA is a united voice for our industry.

Contactors and consumers (for “Find a Plumber” referrals) may visit: [www.pcaofchicago.com](http://www.pcaofchicago.com); phone 312-563-9526; or email: [sj@pcaofchicago.com](mailto:sj@pcaofchicago.com). PCA: 603 Rogers Street, Suite 2, Downers Grove IL 60515





ASSE Illinois Chapter wishes to thank Metropolitan Pump, Inc. for their continuing support of ASSE Illinois Chapter. For all your need in High quality Engineered Pumps, and water control solutions; 815-886-9200

## INTELLIGENT OIL DETECTION

The IntelliOil, an intelligent oil-sensing control system, is designed to help protect the environment and equipment from the dispersion of oil and hydrocarbons in elevator pit applications. Our complete system solutions for elevator pits and vaults include packaged pump systems. We can customize a complete package that is tailor-made to meet the unique specifications of each project.

### 1. STATUS INDICATORS

Lights indicate the system status and will continue to light even if the alarm is silenced.

### 2. AUDIBLE ALARM

Sounds the alarm to issues, such as the presence of oil in the pit and high water levels.

### 3. OIL SENSING PROBES

If probes lose contact with water (oil presence), the system turns off the pump to ensure no oil gets pumped out, and an audible alarm will sound to notify the presence of oil in the pit.

### 4. FLOAT SWITCH

As the water level rises and falls, the float switch will trigger the run of the pump.

## Typical Installation Diagram



(815) 886-9200 • METROPOLITANIND.COM

## Additional Information:

- 3 different models
  - 120V, 15A | 120V, 20A | 208/240V, 15A
- System status indicators and audible alarm
- Dry contact alerts for power loss, oil in pit and high water level
- Built in HOA selector and alarm silence button
- Combination oil probe/off float simplifies installation
- Can be integrated into three prepackaged models
- Can be custom designed for specific applications by utilizing the IntelliOil's circuitry





Your Plumbing Connection



**1-833-PLUM-911**



*Licensed  
plumbing  
professionals  
serving all of  
Chicagoland*

- Available 24/7
- Licensed, bonded & insured
- Highly trained
- Ready to answer your call

**Plumbers911Chicago.com**

## **2023 ASSE International Mid-Year Meeting**

**APRIL 4 – 5, 2023| Chicago Plumbers Local 130**

The 2023 ASSE International Mid-Year Meeting will be held April 4-5 2023 at Plumbers Local 130 Training Center in Chicago. The Mid-Year Meeting is a gathering of expert individuals who influence ASSE standards, certifications, membership and code development. Whether you're a manufacture, training provider, engineer, contractor, or general member, there are several meetings that will help you get a full perspective of ASSE's program development.

As President of ASSE Illinois Chapter it is somewhat dishearten that we cannot recruit any new members into ASSE Illinois Chapter.

Back several years ago it was part of the program for apprentices to join ASSE Illinois to keep it strong with younger members. These younger members would be accepted into the program to learn what ASSE was all about. How ASSE is a part of almost everything they would taught in class, from faucets, toilets, valves, backflow, filtration, water quality, Etc.

At ASSE annual meetings every year I stand by to see other Chapters win an award for the most new members signed up. To be a part of a recognized Worldwide Organization should be part of the Apprenticeship program. Where else could you have this additional feather in your hat for such a low price? The American National Standards Institute (ANSI) is who ASSE goes through to approve of a Product. ANSI/ASSE is mentioned at least 85 times in the State of Illinois Plumbing Code and more in the Chicago Plumbing Code. I am asking that the membership try to recruit new members into our program?

**To become a ASSE member for only \$42.50 for first year membership  
\$25.00 FOR STUDENTS/ APPRENTICES  
<https://assewebstore.com/membership>**



## DIGITAL SOLUTIONS FOR HEALTHY HOT WATER.



- Simplifies your hot water system by eliminating the need for compensating system components required with a mechanical thermostatic mixing valve
- Delivers temperature control within 2 degrees
- Communicates temperature alerts to most building automation systems
- An essential component to a successful water management program



armstronginternational.com



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affiliatedsteam.com

*If any member wishes to have anything published in the newsletter please forward it to me [ilchapterasse@gmail.com](mailto:ilchapterasse@gmail.com) with exception of an ad, if you wish to have an ad please contact Joe Sowa at [retaw130@aol.com](mailto:retaw130@aol.com).*

*We would be happy to print your story in our newsletter, whether it be about your Military, family member attending college, anniversary, accomplishments, projects you are or have worked on, etc. pictures are always welcome.*



<https://assewebstore.com/membership/>  
**WHY JOIN?**



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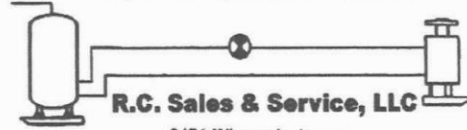


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**RK 34-975XLC**  
Repair Kit for ¾"-1" 975XL

**Kit Includes:** (2) Check Poppet, 1<sup>st</sup> Check Spring, 2<sup>nd</sup> Check Spring, Relief Valve Spring, (2) Check Seat, (2) Check Seat O-Ring, Relieve Valve Seat, Relief Valve Seat O-Ring, Lube

**Ames 7010046** – 2 ½"-10" Total Relief Valve Kit for a C/M 400/C500

**Kit Includes:** Complete RV with 36" Hose, RV O-Ring and Lube



**Ames 7010097** – First Check Assembly 2 ½"-4" for Ames 2000/3000SS

**Kit Includes:** 1<sup>st</sup> Check Assembly, O-Ring and Lube

**Ames 7010114** –Relief Valve Kit 2 ½" -10" for 4000SS RP and 5000SS RPDA

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

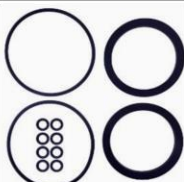


**Watts: 0794090** – Complete Total Rubber Kit 4" for 909 RP; \*Lead Free\* (Previously 0887751)

**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 washier, (2) Check Seat, (2) O-Rings, RV Seat, RV O-Ring



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Please CHECK which class you would like to attend:

\*\*All classes will be from 5pm – 9pm with Dinner included\*\*

**BACKFLOW REPAIR COURSE \$85**

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 16<sup>th</sup>

Thursday, February 27<sup>th</sup>

Thursday, April 2<sup>nd</sup>

Thursday, January 30<sup>th</sup>

Tuesday, March 3<sup>rd</sup>

Thursday, April 16<sup>th</sup>

Thursday, February 13<sup>th</sup>

Tuesday, March 17<sup>th</sup>

Thursday, April 30<sup>th</sup>

**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" Febco 825YD

• 3" Watts 009

• 4" Wilkins 375AST

• 4" Ames 4000SS

• 8" Ames Maxim 400

• 3" Watts 909

Tuesday, January 21<sup>st</sup>

Tuesday, February 18<sup>th</sup>

Thursday, March 26<sup>th</sup>

Tuesday, February 4<sup>th</sup>

Thursday, March 12<sup>th</sup>

Tuesday, April 7<sup>th</sup>

Tuesday, April 21<sup>st</sup>

**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](mailto:salesgroup@testgauge.net)



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## HAPPY SAINT PATRICK'S DAY

The man who would come to be known as Saint Patrick was captured by pirates as a child and brought to Ireland. During his enslavement, he was called to Christianity and escaped his captors after six years. He returned to Ireland as a missionary, and in his teachings combined Irish pagan beliefs with Christian sacrament. He is annually honored on his feast day, March 17. The man who would come to be known as Saint Patrick, apostle of Ireland, was born in Britain circa 386 A.D. Much of his life is unknown to historians and can't be verified, though some sources have listed his birth name as Maewyn Succat, with the name Patrick later taken on during his religious journeys or ordainment. His father, Calphurnius, was a deacon from a Roman family of high social standing. Patrick's mother, Conchessa, was a close relative of the great patron Saint Martin of Tours. Patrick's grandfather, Pontius, was also a member of the clergy. Surprisingly, Patrick himself was not raised with a strong emphasis on religion. Education was not particularly stressed during his childhood either. Later in life, this would become a source of embarrassment for the spiritual icon, who would write in his *Confessio*, "I blush and fear exceedingly to reveal my lack of education."



## QUOTES

- If I have any worth, it is to live my life for God so as to teach these peoples, even though some of them still look down on me.
- I am certain in my heart that all that I am, I have received from God.
- I am at a loss to know whether to weep more for those they killed or those that are captured, or indeed for these men themselves whom the devil has taken fast for his slaves.
- I am imperfect in many things, nevertheless I want my brethren and kinsfolk to know my nature so that they may be able to perceive my soul's desire.
- Before I was humiliated I was like a stone lying in the deep mire.
- I am Patrick, a sinner, most unlearned, the least of all the faithful, and utterly despised by many.
- The Lord opened the sense of my unbelief that I might at last remember my sins and be converted with all my heart.
- It is honorable to reveal and confess the works of God.
- By the tongue will be discovered the wise man, and understanding, and knowledge, and the teaching of truth.
- We ought to fish well and diligently.