



ASSE ILLINOIS CHAPTER MONTHLY NEWS LETTER

CHICAGO WATER TOWER

Volume 44 Issue 10 for October 2020

Published by: Gary W. Howard



*A PLUMBERS BODY CAN OVERCOME ALMOST ANYTHING
A PLUMBERS MIND CAN ADAPT AND RESOLVE THE PROBLEM AT HAND
A PLUMBER WILL BE THE BEST THEY CAN BE
THE PLUMBER HAS LEARNED TO CONVINCED THEIR OWN MIND THEY
CAN AND WILL DO IT RIGHT THE FIRST TIME*

PRESIDENTS MESSAGE

I've come to realize that all plumbers are under the same agreement; "PREVENTION RATHER THAN CURE" and "PROTECTING THE HEALTH OF THE NATION AND THE WORLD"

Some Apprentices and some Journeymen have learned the business of plumbing the old familiar road of hard knocks and experience of on the job learning. When a young boy goes from high school uniforms to a pair of coveralls to be broken in as a helper for a plumber, he has taken the first step of becoming a conscientious worker in the Plumbing Trade. Like many of their predecessors he would save his money for the time he was able to take an exam to become a full time apprentice for the Union or under that same journeyman he worked for as a helper, and think about the future of owning his own company. He realized early in his training that he was making the most of his opportunity, and was filled with pride because of his accomplishment. After 4 years have passed and the helper ask of his Journeyman the important question. Am I valuable enough to become an Apprentice? The journeyman replies that question should have be asked last year but you are ready. This was common practice in the early years of plumbing. But things have changed.

Take a step back in time you may realize that modern plumbers are hard to live without. Just think of how people use to collect water for drinking. Go down to a stream or river and grab a bucket of water, sit it on a table and drink from a dipper (for those who don't know what a dipper is see the picture below) yes the water from the streams was good enough to drink then.



Just think what life would be like with water that was non-potable. After all water is the most essential nutrient for life to exist on earth. When I was a young lad we had a two seat divided out house that was about 100 feet from the back door of the house. In winter, in the middle of the night my butt would stick to the wood. Our water was from an Artesian well on top of a hill about a quarter mile away we had a single pipe running from it to the house by gravity. We did not have any hot water. We took a bath on the back porch in a galvanized tub similar to the one below we would heat water on a wood burning stove.



Today we have all we could ask for as it relates to plumbing. And all Plumbing Apprentices, Journeymen, Journeywomen, and Contractors, have to complete their training and keep pace with continuing education to protect the people in their Community and State. As Journeymen they completed their responsibilities when they trained their apprentices to become journeymen. If some Journeymen took their responsibilities more seriously we would have a better rate of passing the exam given in all the States. All the Plumber in the world are on the same page when it comes to protecting the health of their own, and preventing an issue before it gets into a disease stage. Be grateful for what we have and protect it, "The Illinois License Law". In my opinion the State should follow the U.A. Training program for an apprenticeship. Apprentices should have the opportunity to attend a school one day a week.

Please make sure you read the last page in this issue

From: Gary W. Howard Certified Plumbing Inspector

To: I am Addressing this to all Plumbers, Plumbing Contractors, and Water Department officials and Designers.

I am offering my response to the article in the Sun Times dated August 18, 2020 By Fran Spielman. First I would like to address the statement that the home owner could hire their own contractor to remove and install their new water service or allow the City of Chicago to do the work. By Law you must be a licensed registered plumbing contractor to work on a water service. The City of Chicago is not a registered Plumbing Contractor; Re: **PROFESSIONS, OCCUPATIONS, AND BUSINESS OPERATIONS, (225 ILCS 320/) Illinois Plumbing License Law.**

Also a statement like "getting the biggest bang for our buck", is way off base in my opinion. We should be talking about the health and safety of the community at large for the cost. And to do this we must follow the codes. I have spoken with a few plumbers and the one thing all have said, is why can't a contractor use directional boring or run a cable through the old lead service and split the lead while pulling the new service through the void that is left. Well that leaves you with the 360,000 homes with the average length of a water service of 52 feet ; $52 \times 360,000 = 1,272,000$ ft. of lead in the soil left to leach into the Aquifer and the earth. Abatement means removal! (This depends on which side of the street the Water Main is on, average of 36 feet on the water main side and 68 on the other)

In addition, in the old days it was a custom to install the water service in the same trench with the sewer.

TITLE 77: PUBLIC HEALTH

CHAPTER I: DEPARTMENT OF PUBLIC HEALTH

SUBCHAPTER r: WATER AND SEWAGE

PART 890 ILLINOIS PLUMBING CODE

SECTION 890.110 APPLICABILITY

Section 890.110 Applicability

d) Regardless of the age of the building, where a health or safety hazard exists because of an existing plumbing installation or lack thereof, the owner or his or her agent shall install additional plumbing or make corrections as may be necessary to abate the hazard or violation of this Part.

April 24, 2014

Or Chapter 4-332 Section 4-332-010& 4-332-020 & 4-332-030 of the municipal Code of Chicago relating to plumbing Jan 13, 2016

To be in compliance with the **City of Chicago Plumbing Code 18-29-603.2.1** you shall have a 10 foot separation between the sewer service and the water service or meet the other applications in this section of the code.

In Addition the State code of minimum throughout the entire State with the exception of Chicago who may write their own codes. **Section 890.1150 of the Illinois Plumbing Code** states you shall meet the same criteria. Also all plumbing codes require that the potable water supply shall be protected against backflow by an approved backflow prevention device or assembly. And please do not forget the Industrial, Commercial, Apartment, and some Schools have lead service(s)

"This is my opinion only" anyone may use this letter as they see fit

Sincerely Gary W. Howard

REMEMBER IT'S YOUR RIGHT TO VOTE. THE CONSTITUTION OF THE UNITED STATES GIVES YOU THAT RIGHT.

26th Amendment

The right of citizens of the United States, who are eighteen years of age or older, to vote shall not be denied or abridged by the United States or by any State on account

VOTE



FIND YOUR VOTING PLACE IN ILLINOIS

<https://ova.elections.il.gov/PollingPlaceLookup.aspx>

On April 4, 1818 Illinois was granted Statehood by the United States Congress. The Congress passed the Flag Act of 1818, defining the standard for our nation's flag that it shall be comprised of 13 alternating red and white horizontal stripes along with a field of blue containing 20 white stars representing the 20 states at this time in history. The Flag Act specified that a star should be added to our nation's flag for each future state admitted to the union and that each new star shall be added on the next Independence Day July 4th following the states admission to the union. On December 3, 1818, President James Monroe signed the congressional authorization admitting Illinois into the union as the 21st state of the United States of America. On July 4 1819 the 21st star representing Illinois statehood was added to the United States Flag which served as the official flag until 1820 when the 22nd and the 23rd. states were added. So Illinois Star shines bright and is 202 years old.

AMERICAN SOCIETY OF SANITARY ENGINEERING

ILLINOIS CHICAGO CHAPTER SANITATION NEWS LETTER

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2020 ASSE International Annual Meeting

OCTOBER 26 - 29, 2020 | ZOOM WEB CONFERENCE

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 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.

**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>

Free download

<https://asse-plumbing.org/media/23442/12000-2018.pdf>

Professional Qualifications Standard for Infection Control Risk Assessment for All Building Systems



Ask a friend or family member to join one of the largest Societies in the world

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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https://www.asse-plumbing.org/media/5221/asse_bylaws_2018.pdf

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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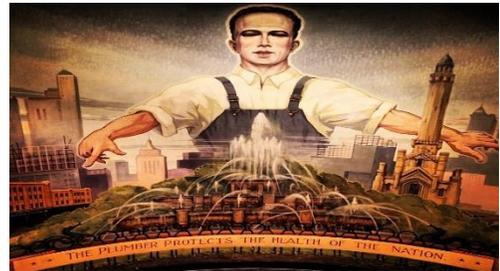
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WE ARE PROTECTING ILLINOIS

Judge Robert S. Marx: The Enduring Spirit of DAV

posted on AUGUST 30, 2020
BY TOM JENKINS



1920 > 2020 Disabled American Veterans turns 100.

100m years of service to all Veterans.

Visit: Dav.org

In 1919, Marine veteran Albert Rindsberg was staying at the Harrison Club hotel in Cincinnati when he wandered into a heated conversation. A group of veterans were talking about how little was being done for disabled veterans in America. Rindsberg had been discharged the previous year—changed through his service in World War I—so the conversation caught his interest.

The Great War had ended, and although a sense of victory and patriotism should have swept the nation, those feelings were overshadowed by a global influenza pandemic and a brutal postwar economy. Over 200,000 American injured servicemen returned home to a country that was not prepared to help them, resulting in thousands of veterans without jobs or proper medical care.

As Rindsberg listened, he was enthralled by the charismatic and thought-provoking points made by a fellow disabled veteran. That young man, Robert S. Marx, was the newly elected judge for the Cincinnati Superior Court.

That meeting would plant the seed for what would become Disabled American Veterans of the World War, and alongside Marx, Rindsberg would go on to become a founding member. Printed in the September/ October DAV Magazine

Mission: Be one with our contractors Please visit and chime in

<https://plumbingcouncil.org/>

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Please visit us at:

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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?

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Mark McManus said it all. *“If you don’t vote don’t complain”*

No one is afraid of clowns anymore. Are they ?
"HAPPY HALLOWEEN FROM ALL BOARD MEMBERS OF ASSE



It's best for all if you wear a mask



Sept.17, 2020

SPRINGFIELD: The Illinois Department of Public Health (IDPH) today 2,056 new confirmed cases of coronavirus disease (COVID-19) in Illinois, including 25 additional confirmed deaths

Currently, IDPH is reporting a total of 268,207 cases, including 8,392 deaths, in 102 counties in Illinois. The age of cases ranges from younger than one to older than 100 years. The preliminary seven-day statewide positivity for cases as a percent of total test from September 10 – September 16 is 3.6%. Within the past 24 hours, laboratories have reported 57,800 specimens for a total of 4,920,938. As of last night, 1,558 people in Illinois were reported to be in the hospital with COVID-19. Of those, 359 patients were in the ICU and 144 patients with COVID-19 were on ventilators.

Following guidance from the Centers for Disease Control and Prevention, IDPH is now reporting separately both confirmed and probable cases and deaths on its [website](#). Reporting probable cases will help show the potential burden of COVID-19 illness and efficacy of population-based non-pharmaceutical interventions. IDPH will update these data once a week.

*All data are provisional and will change. In order to rapidly report COVID-19 information to the public, data are being reported in real-time. Information is constantly being entered into an electronic system and the number of cases and deaths can change as additional information is gathered. For health questions about COVID-19, call the hotline at 1-800-889-3931 or email dph.sick@illinois.gov.

Other Codes

The Plumbing Contractor, Plumber, Plumbing Inspector, Plumbing Designer has to know

1. Illinois Administrative Code 518 Freestanding Emergency Center Code
2. 410 ICS 35/ Equitable restroom Act
3. 210 ILCS 85/ Hospital Licensing Act
4. Illinois Administrative Code 300 Skilled Nursing and Intermediate Care Facilities Code
5. FEMA 361 Design and Construction Guidance for Community Safe Rooms
6. State of Illinois Food Service Sanitation Code
7. ICC 500-214 ICC/NSSA Standard for the Design and Construction of Storm Shelters
8. Illinois Administrative Code 250 Hospital Licensing Requirements

Two Very Important parts of the 250 code are listed below

Section 250.2490 Plumbing and Other Piping Systems

a) General

All plumbing systems shall be designed and installed in accordance with the requirements of the Illinois Plumbing Code, except that the number of water closets, urinals, lavatories, bathtubs, showers, drinking fountains, and other fixtures shall be as required by this Part and the hospital programs.

Section 250.2420 Submission of Plans for New Construction, Alterations or Additions to Existing Facility

c) Alterations of Water Supply, Plumbing and Drainage. No system of water supply, plumbing, sewage, garbage or refuse disposal shall be installed, nor shall any existing system be altered or extended, until complete plans and specifications for the installation, alteration or extension have been submitted to the Department and have been reviewed and approved.

9. Illinois Administrative Code 340 Illinois Veterans Homes Code
10. ANSI/AWWA C651-14 Disinfecting Water Mains
11. Section-by-Section United States Access Board Click on Guide to the Standards for 3 new parts for Plumbing
12. <https://www.ada.gov/archive/kid-nprm.txt>
13. American with Disabilities Act and Architectural Barriers Act Accessibility Guidelines 2004
14. Illinois Administrative Code 400 Appendix A. Illinois Accessibility Code
- 15.775 ILCS 5/ Illinois Human Rights Act
16. Illinois Administrative Code Plumbing Licensing Code

I will provide more in the November ASSE Newsletter

Just type the information into the toolbar and you can open it and save it to your Desktop or Documents.