



# **ASSE ILLINOIS CHAPTER MONTHLY NEWSLETTER**

**BEST TIME OF THE WHOLE YEAR IS SPRING**

**Volume 49 Issue 4 for April 2021**

**Published by: Gary W. Howard**



**VOTED "BEST NEWSLETTER 2020" BY IAPMO/ASSE INTERNATIONAL**

## ***PRESIDENTS MESSAGE***



### **TAKING THE HORSE FOR A RIDE**

### **PREPAREDNESS**

#### **SPRING TIME CAN BRING SEVERE WEATHER**

It is never too early to teach your children or grandchildren in the preparation for a disaster. It is essential to involve them in the program of your family communication plan. Whatever your plan is practice with your younger ones to assure them they are prepared for what to do during a fire, flood, severe storm, lighting strike, tornados, etc. Provide the children with a mobile phone as a kid's safety device with an emergency app. You can upload their device with contacts in the case of an emergency while they are in school or you are at work, include emergency personnel, family, friends and neighbors.

This way all your child needs to do is press the button on the device. This can send an alert to the entire contact list, through a text, phone call, and/or email messages. With the device having (GPS) Global Positioning System technology, first responders will be able to locate your child quickly and easily. This saves precious minutes – when every second count.

Depending upon where you live, these disasters like fire, flood, severe storm, lighting strike, tornados, etc., could be a very real concern for you. Even if you're not located in a zone that typically sees these extreme events, no one is immune. Climate Change is causing the whole world to change their thinking. While preparing your Plan don't forget to review and update your insurance policy for explosions from lighting strikes, hail damage, flood, have your agent explain what is and is not covered.

If your family disaster plan involves picking up additional coverage that your current plan does not offer, create a system to save and cover this added expense.

The Illinois Emergency Management Agency (IEMA) is urging residents to take time to test their home for radon. Radon-related health risks are preventable with a simple home detection test. With more people staying home, working and learning remotely, this peace of mind is priceless. A simple home test is an inexpensive and easy way to know if you and your family is at risk of exposure.

President ASSE Illinois  
Gary W. Howard

## FOR FUTURE APPRENTICES

Some want to take the S/A/T test for admission into College. Some want to work where their father, mother, sister and brother have worked for their whole life. Others wish to venture into a trade such as Plumbing. The over emphasis on attending a College or University to get ahead in the world could actually compromise how an education system moves forward. As a Journeyman Plumbing and Certified Plumbing Inspector I can tell you from experience being a well-educated Union Plumber I have earned a very good living for me and my family. My education as an apprentice and journeyman plumber can be used to measure what I've learned from High School and working as a labor for a plumbing company. Your education will continue as long as you want to be a Journeyman or Inspector through a Continuing Education Program controlled by the Illinois Department of Public Health Water Quality Plumbing Program. The curriculum of a secondary school like a United Association Trained Apprenticeship Program, and Illinois Department of Public Health Water Quality Plumbing Program will open the doors for you to become a high achiever. You will learn how to use math, weights, measures, theory, physics, global positions systems, blue print interpretations, drafting, excavation, the proper way to install a variety of pipes, welding, using proper tools, codes, laws, applications, sanitation systems, water systems, and get paid while doing so. And when you are finished with apprentice school you may consider attending a United Association School to receive a college degrees as part of their training.

In my opinion becoming a Union Plumber will raise the bar on your earning abilities for academic excellence and your approach on becoming the bread winner of your household. The strength of your education through the United Associations Plumbers Union Local 130 is anchored in the pipe trades with over 350,000 members that will make you Brothers and Sisters for Life. There will be many options in the world for you to consider, but measuring your achievements is an important step in a shared effort on achieving your goal of being successful as a tradesman or tradeswoman or as a tradesperson. Your Unity with others will make you accountable for you and your family's future.

Best Regards,  
Gary W. Howard



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

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## **IMPORTANT PART OF THE ILLINOIS PLUMBING CODE**

### **Instructions/Footnotes for Appendix A Table B**

The numbers of fixtures required for employees are included in the numbers shown in Table B for all building types/uses except Hospital Rooms, Penal Institutions, and Other Institutions. The entry in Table B entitled "All Facilities for Employee Use" shall be used to determine the minimum number of fixtures required for employees in hospitals, penal/other institutions, and all other buildings/facilities that do not appear in Table B.

Questions concerning the minimum numbers of fixtures required for building types not listed in Appendix A, Table B, shall be referred to the Department in writing prior to construction for a decision concerning the minimum numbers (and types) of plumbing fixtures required.

Footnotes:

1. The figures shown are the minimum number of fixtures required for the number of persons indicated or any fraction of that number. Based on the total occupant load determined, the number of fixtures shall be calculated assuming 50 percent of the occupants are male and 50 percent are female. The total male/female occupants shall be calculated first; then the number of fixtures for each (males/females) shall be determined from the appropriate table.
2. Urinals may be substituted for water closets for males, not to exceed half of the required total number of water closets. Comparable fixtures for females may be substituted for water closets for females, not to exceed half of the required total number of water closets.
3. 18 lineal inches of wash sink or 18 inches of a circular basin, when provided with water outlets for space of this kind, shall be considered equivalent to one lavatory.
4. Whenever a drinking fountain is required by this Part, bottled drinking water or a water dispensing faucet (water station) may be substituted for a drinking fountain, provided drinking water is accessible to the public. When bottled drinking water is provided in lieu of a drinking fountain, the bottled water used must be commercially sealed in accordance with the Illinois Bottled Water Act and with the Illinois Safe Bottled Water Act.
5. The kitchen sink and laundry tray or connection for the washer are not required for the hotel/motel unit.
6. In addition to providing separate hand-washing facilities in the kitchen for employees, all food service establishments shall provide a minimum of one service/utility sink and one three-compartment sink to sanitize dishes and eating utensils; however, a mechanical dishwasher may be substituted for a three-compartment sink to sanitize dishes and utensils. (See 77 Ill. Adm. Code 750.)

7. Bathtubs/showers that are required for employees by OSHA requirements, collective bargaining agreements, etc., shall be provided at the rate of one per 10 employees.
8. Food Service Establishments with no more than 10 combined employees and seats (for patrons) at any one time need not provide public restrooms, provided that the employee restrooms are accessible and made available to the public.
9. Bed and Breakfast facilities with more than five sleeping rooms shall meet the minimum requirements of this Part for Hotel/Motel units. Bed and Breakfast facilities with five or fewer sleeping rooms, in compliance with the Bed and Breakfast Act, need not provide individual restrooms for each sleeping room.
10. Businesses that sell motor fuel but do not have any employees working as attendants are not required to provide public restrooms.
11. In Day Care Centers providing restroom training facilities for occupants ages three and younger where continuous adult supervision is provided, restrooms are not required to be separated into facilities for males and females, and are allowed to contain multiple lavatories and water closets as required by this Part. Public restrooms shall be required for everyone over the age of three separate from the restroom training facilities as required by this Part.
12. Drinking water shall be provided in accordance with Section 890.720(f).
13. The total number of bathing facilities shall include one bathtub for males and one bathtub for females or one individual user restroom with a bathtub.

(Source: Amended at 38 Ill. Reg. 9940, effective April 24, 2014)

### **Jokes for this month**

What did the doe say when she came out of the woods? Boy I'll never do that for two bucks again.

Did you hear about the Finnish husband who loved his wife so much he almost told her?

Why do they report power outages on TV?



ASSE ILLINOIS GENERAL  
MEMBERSHIP MEETING

***Location: Mid-Continent Sales Link***  
***1275 Lakeside Drive***  
***Romeoville, IL. 60446***  
***630-953-1211***

***Thank you Vince England for making this***  
***possible***

Date and Time: June 21, 2021  
5:00 PM



Please contact me if you are attending so we can have a head count. I will try and give 2 Hours of CEU's on the **Plumbing Code** for your 2022 license year. I will let you know as soon as possible. If so please bring your code books or an electronic version.

Local Union 130 U.A. and American Society of Sanitary Engineering will hold two Product Shows this year. One at the new Campus in Joliet on Sept. 14, 2021. 2114 180, Joliet, IL 60435. And Nov.9, 2021 at the Chicago Campus 1400 W Washington Boulevard, Chicago, IL 60607

### COVID WILLING



Choreographed by ASSE very own Board Member Brian Mazzocchi.  
Brian is a representative of REPCOASSOCIATES, INC. WHO IS A SPONSOR FOR ASSE



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*We also thank our many sponsors who have over the years continued to support the American Society of Sanitary Engineering Illinois Chicago Chapter and the International American Society of Sanitary Engineering. Please use professional services when possible. Please see our*

## Dolores Clara Fernandez



### **SOMEONE TO LEARN FROM**

*Requested by: Cristina Barillas*

Dolores Clara Fernandez was born on April 10, 1930 in Dawson, a small mining town in the mountains of northern New Mexico. Her father Juan Fernández, a farm worker and miner by trade, was a union activist who ran for political office and won a seat in the New Mexico legislature in 1938. Dolores spent most of her childhood and early adult life in Stockton, California where she and her two brothers moved with their mother, following her parents' divorce.

Dolores found her calling as an organizer while serving in the leadership of the Stockton Community Service Organization (CSO). During this time, she founded the Agricultural Workers Association, set up voter registration drives and pressed local governments for barrio improvements. In 1955 CSO founder Fred Ross, Sr. introduced her to CSO Executive Director César E. Chávez, a likeminded colleague. The two soon discovered that they shared a common vision of organizing farm workers, an idea that was not in line with the CSO's mission.

As a result, César and Dolores resigned from the CSO, and launched the National Farm Workers Association in the spring of 1962. Dolores' organizing skills were essential to the growth of this budding organization. The challenges she faced as a woman did not go unnoted and in one of her letters to Cesar she joked...

"Being a now (ahem) experienced lobbyist, I am able to speak on a man-to-man basis with other lobbyists."

At 89, Dolores Huerta continues to work tirelessly developing leaders and advocating for the working poor, women, and children. As founder and president of the Dolores Huerta Foundation, she travels across the country engaging in campaigns and influencing legislation that supports equality and defends civil rights. She often speaks to students and organizations about issues of social justice and public policy.



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ASSE Illinois is proud to introduce one of our new sponsors: PLUMBING CONTRACTORS ASSOCIATION OF GREATER CHICAGO Asse Illinois Chapter thanks everyone at PCA for your support.

### **DECEMBER 16, 1940 U.S. DEPARTMENT OF COMMERCE**

For many years, differences in the plumbing regulations or plumbing-code requirements in different localities have been a source of annoyance to building owners, builders, and public health officials and have hindered the standardization, on a general or national scale, of plumbing materials and equipment, and of construction design. The principal reasons for the existence of plumbing codes are the protection of the health of the occupants of a building and of the inhabitants of the community or city in which the building is located and the protection of property from damage by water or sewage. The results sought by plumbing requirements and health regulations applying to plumbing are or should be the same for low-cost or expensive and for small or large buildings, and may be covered by general regulations applying to all plumbing. Any simplified or standardized form of plumbing construction which gives these results — that is, which complies with necessary general regulations pertaining to sanitation or health—cannot be prohibited without violating the inherent rights of building owners and of the public. Because of the above, this report has been written, as succeeding reports on plumbing in the Building Materials and Structures series will be written, first from the standpoint of essential general requirements and second from that of permissible construction within the general requirements—both general requirements and permissible construction being based on sound physical principles. This report deals with one of the factors which must be considered in the selection of adequate yet economical sizes of pipes for plumbing systems—namely, the load to be expected from a given number and kind of plumbing fixtures. It is expected that it will be followed by other reports in the Building Materials and Structures series dealing with other aspects of plumbing problems. Where the exercise of judgment is necessary in the choice of the numerical value of factors used in developing and illustrating the application of the method of estimating loads as described in this report, it will be understood that such numerical values, when not the actual results of Bureau tests or experiments, represent the author's judgment in regard to the most suitable factor to use in the application of the method, and that these are not to be regarded as standard values, unless later approved as such by a representative and authoritative body.

Lyman J. Briggs, Director.



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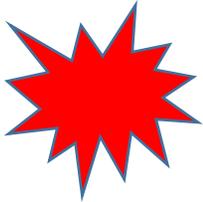


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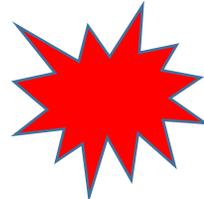


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**IMPORTANT NOTICE**



**CROSS CONNECTION CONTROL DEVICE INSPECTORS RENEWAL**

The three year recertification process origin date will begin on July 1 2021 for POD #1. POD # 1 will consist of the CCCDIs who have had their Cross Connection Control Device Inspectors license for the longest period of time. Prior to July 1, 2021, all CCCDIs will be notified as to their Assigned POD.

POD Structure

<b>Recertification</b>	<b>Start Date</b>	<b>Deadline Date:</b>
POD # 1	July 1, 2021	June 30, 2024
POD #2	July 1, 2022	June 30, 2025
POD # 3	July 1, 2023	June 30, 2026

**PCB 35 ILLINOIS ADMINISTRATIVE CODE 604 604.15**  
**SUBTITLE F**  
**Section 604.1510 Cross Connection Device Inspectors**

**PCB STANDS FOR POLLUTION CONTROL BOARD WHICH FALLS UNDER THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**

Just type in Illinois Pollution Control Board and click on Title 35 Procedural and Environmental Rules scroll to Subtitle F click on Part 604 Blue word document/ or the Red Acrobat file to the left locate 604.1510

There is a lot of information located in Title 35 Reading is always a great tool for learning

## Section 604.1510 Cross Connection Control Device Inspectors

- a) Except as provided in subsection (c), cross connection control devices must be inspected at least annually by a person approved by the Agency or its designee as a cross connection control device inspector (CCCDI). The inspection of mechanical devices must include physical testing in accordance with the manufacturer's instructions.
  - 1) Records of the annual inspection must be submitted to the community water supply.
  - 2) Each device inspected must have a tag attached listing the date of the most recent test, name of CCCDI, and type and date of repairs.
  - 3) A maintenance log must be maintained at the site of installation and must include:
    - A) make, model and serial number of the backflow preventer, and its location at the site;
    - B) date of each test;
    - A) name and approval number of person performing the test;
    - B) type of test kit used and date of its most recent calibration;
    - E) test results and a brief statement indicating whether the results pass or fail the test;
    - F) repairs or servicing required;
    - G) repairs and date completed; and
    - H) servicing performed and date completed.
- b) Requirements for Cross Connection Control Device Inspector Approval
  - 1) Each applicant for CCCDI Approval must:
    - A) be a person authorized to perform plumbing as described in the Illinois Plumbing License Law [225 ILCS 320/3(1)].
    - B) complete a training course offered by the Environmental Resources Training Center (see 110 ILCS 530) or the Agency's delegate on cross connection control device that includes hands on practice testing of different types of backflow devices and proper maintenance and repair.
    - C) complete and submit an application for CCCDI Approval.

- D) successfully complete both written and performance examinations demonstrating competency in the following: the principles of backflow and back-siphonage; the hazard presented to a potable water system; locations that require installation of cross connection control devices; identifying, locating, inspecting, testing, maintaining and repairing cross-connection control methods and devices in-line, as located throughout each system that connects to a community public water supply. The applicant must successfully complete:
  - i) the written examination with a minimum score of 75%; and
  - ii) a performance-based examination by demonstrating competency in testing device procedures on all types of devices at the examination center.
- 2) CCCDIs must-renew the CCCDI Approval each year between May 1 and June 30. An application for CCCDI renewal will be sent by the Agency or its designee, and must be completed and returned by June 30 of the renewal year. CCCDIs must complete an eight-hour recertification course every three years from the date of the original issuance of the CCCDI license. The course must be offered by the Environmental Resources Training Center or the Agency's delegate and include a written and practical exam demonstrating competency in backflow prevention testing.
- 3) A CCCDI Approval or admission to examination for CCCDI Approval must be suspended, revoked or not issued by the Agency for any one or more of the following causes:
  - A) Practice of any fraud or deceit in obtaining or attempting to obtain a CCCDI Approval, including misrepresentation of approval;
  - B) Any repeated, flagrant or willful negligence or misconduct in the inspection, testing or maintenance of cross connection control devices;
  - C) Falsification of reports required by this Part;
  - D) Willful violation of the Environmental Protection Act or any rules adopted under it.
- 4) Suspension and Revocation Procedures
  - A) Any person may file with the Agency a written complaint regarding the conduct of a CCCDI approved under this Part. The complaint must state the name and address of the complainant, the name of the CCCDI, and all information that supports the complaint.

- B) The Agency may initiate the suspension or revocation procedure on the basis of any written complaint or on its own motion. The Agency's decision to institute suspension or revocation proceedings will be based on the seriousness of the violation and its potential deleterious impact upon public health and safety.
  - C) When the suspension or revocation procedure is initiated, the Agency must notify the CCCDI by certified mail that suspension or revocation is being sought. The notice must specify the cause upon which suspension or revocation is sought and include the procedures for requesting a hearing before the Agency. Request for hearing must be made in writing within 14 days after receipt of the Agency's certified notification. If no hearing is requested, the Agency will suspend or revoke the CCCDI Approval.
  - D) Should a hearing be requested, the Director must appoint one or more Agency employees to chair the proceedings. The hearing must be conducted according to the hearing requirements of 35 Ill. Adm. Code 168.
  - E) The Director must make a decision within 30 days after receiving the hearing transcript. The Director must give written notice of that decision and reasons for the decision to the CCCDI by certified mail.
  - F) Within 30 days after receiving a notice of suspension or revocation from the Agency, the CCCDI may appeal the suspension or revocation to the Pollution Control Board. The suspension or revocation of the CCCDI's Approval must be stayed pending a final decision on the appeal by the Board.
- c) Backflow preventers located in the treatment plant, wellhouse or booster station of a community public water supply facility must be inspected at least annually by either an approved CCCDI or by a certified water supply operator who has completed the qualifications listed in subsections (b)(1)(B) and (D).
- 1) When the inspection is conducted by a certified water supply operator who has completed the necessary qualifications, records must be kept as required by subsection (a)(3).
  - 2) Each device inspected must have a tag attached listing the date of the most recent test, name of the CCCDI, and type and date of repairs.



## ASSE International Services Are Available

ASSE International is committed to providing the highest level of customer service possible during these unprecedented times.

A top priority is to continually assist our customers with efficiency, while following all required safety measures for our dedicated staff. ASSE has implemented telework solutions enabling many of our staff to assist our clients and members remotely. ASSE services, including product certification, personnel certification, and standards development, remain available via phone or email to assist with your various needs. Click for a list of all [ASSE staff and contact details](#)

**The 2020 ASSE International Business Meeting will be held online October 26-29.** For our ASSE Certified Personnel, we want to reassure you that you will be able to recertify, even after the expiration date of the certification. We recognize that some adjustments will need to be made to accommodate certified individuals who are at, or nearing, the expiration dates on their certifications. Many are currently unable to attend classes and take exams. During this difficult time, we are extending the expiration date for all certifications expiring between 1/1/2020 and 8/31/2020. The new expiration date is 9/30/2020. ASSE is also giving a 6-month grace period for you to complete a recertification class and exam. Learn more about the steps we're taking for our Certified Personnel [HERE](#).

Additional dedicated department web links are:

- [ASSE Product Certification](#)
- [ASSE Personnel Certification](#)
- [ASSE Standards Development](#)
- [ASSE Membership](#)
- **Free download** <https://asse-plumbing.org/media/23442/12000-2018.pdf>

**Professional Qualifications Standard for Infection Control Risk Assessment for All Building Sy**



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