



**AMERICAN SOCIETY OF SANITARY ENGINEERING ILLINOIS CHAPTER
APRIL 2024 – NEWSLETTER**

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PLUMBING AND MECHANICAL OFFICIALS FOR THEIR DEDICATION TO THE HEALTH AND
SAFETY OF THE PEOPLE OF THE WORLD.”**

“WORKING WELL WITH OTHERS”

Published by: Joseph W. Sowa, Sr

President’s Thoughts:

I apologize for the newsletter coming out so late this month. I have had some technical issues and am working through them. I want to share the following from The History Channel Magazine from Jan/Feb 2005: Jekyll Island, Georgia, The Power Elites’ Retreat. The following is a bit of history concerning the Crane Plumbing Fixtures Company. *Chicago’s plumbing fixtures manufacturer, Richard Teller Crane, Jr lived a life of elegant leisure on Jekyll Island in 1917. The most lavish and expensive of all Jekyll cottages, the Crane Cottage, a white Italian Renaissance-style mansion with a beautiful loggia was built at a cost of \$100,000.*

Some Codes An Illinois Plumber/Plumbing Inspector Has To Know

United Access Board (ADA)

DEPARTMENT OF JUSTICE
Office of the Attorney General
28 CFR Part 38
[Order No. 2042 - 96]

ARCHITECTURAL AND TRANSPORTATION
BARRIERS COMPLIANCE BOARD
36 CFR Part 1191

[Docket No. 94-2]
RIN 3014-AA17

Americans with Disabilities Act Accessibility
Guidelines for Buildings and Facilities;
Children's Facilities
AGENCIES: Architectural and Transportation
Barriers Compliance Board and Department of
Justice.

ANSI/AWWA C651-14
(Revision of ANSI/AWWA C651-05)

Guidelines for Environmental Infection Control
in Health-Care Facilities

Emergency Management Strategies: High
Volume Patient Decontamination

Illinois Energy Conservation Code
(20 ILCS 3125/15)

Chapter I: Department of Public Health
Subchapter m: Food, Drug and Cosmetics
Part 750 Food Code

SUBCHAPTER r: WATER AND SEWAGE
PART 920 WATER WELL CONSTRUCTION CODE
SECTION 920.90 CONSTRUCTION MATERIALS
AND OTHER REQUIREMENTS

Food Code ; 2017 Recommendations of the
United States Public Health Service Food and
Drug Administration

SUBCHAPTER q: MOBILE HOMES
PART 860
MANUFACTURED HOME COMMUNITY CODE
SUBCHAPTER r: WATER AND SEWAGE
PART 925 ILLINOIS WATER WELL PUMP
INSTALLATION CODE
SECTION 925.40 PUMP INSTALLATION
NUCLEAR SAFETY
(420 ILCS 46/) Illinois Radon Awareness Act.

SUBCHAPTER r: WATER AND SEWAGE
PART 910 FIELD SANITATION CODE
SECTION 910.40 DRINKING WATER FACILITIES

SUBCHAPTER s: MIGRANT LABOR
PART 935 MIGRANT LABOR CAMP CODE
SECTION 935.65 REQUIRED SANITARY
FACILITIES

SUBCHAPTER r: WATER AND SEWAGE
PART 925 ILLINOIS WATER WELL PUMP
INSTALLATION CODE

SUBCHAPTER r: WATER AND SEWAGE
PART 915 WATER WELL AND PUMP
INSTALLATION CONTRACTOR'S LICENSE CODE
SECTION 915.40 SUPERVISION

SUBCHAPTER n: RECREATIONAL FACILITIES
PART 800 RECREATIONAL AREA CODE

SUBCHAPTER n: RECREATIONAL FACILITIES
PART 810 YOUTH CAMP CODE

SUBCHAPTER b: HOSPITAL AND AMBULATORY
CARE FACILITIES
PART 205 AMBULATORY SURGICAL
TREATMENT CENTER LICENSING
REQUIREMENTS

PART 830 STRUCTURAL PEST CONTROL CODE
SECTION 830.1100 PROTECTION OF POTABLE
WATER SUPPLIES

SUBCHAPTER n: RECREATIONAL FACILITIES
PART 820 SWIMMING FACILITY CODE

Part 518 - FREESTANDING EMERGENCY
CENTER Code

SUBCHAPTER r: WATER AND SEWAGE
PART 905 PRIVATE SEWAGE DISPOSAL CODE
SECTION 905.60 SUBSURFACE SEEPAGE
SYSTEM CONSTRUCTION REQUIREMENTS

SUBCHAPTER f: EMERGENCY SERVICES AND
HIGHWAY SAFETY
PART 518 FREESTANDING EMERGENCY
CENTER CODE

HEALTH FACILITIES AND REGULATION
(210 ILCS 85/) Hospital Licensing Act.
(410 ILCS 650/) Sanitary Food Preparation Act

SCHOOLS
(105 ILCS 5/) School Code.
(105 ILCS 5/Art. 14 heading)
ARTICLE 14. CHILDREN WITH DISABILITIES

SUBCHAPTER q: MOBILE HOMES
PART 870
MANUFACTURED HOME INSTALLATION CODE

HEALTH FACILITIES AND REGULATION
(210 ILCS 117/) Abandoned Mobile Home Act

SUBCHAPTER q: MOBILE HOMES
PART 860
MANUFACTURED HOME COMMUNITY CODE

PUBLIC SAFETY
(430 ILCS 115/) Illinois Modular Dwelling and
Mobile Structure Safety Act.

HEALTH FACILITIES AND REGULATION
(210 ILCS 115/) Mobile Home Park Act.

Regulation of Factory Built
Structures in Illinois

SUBCHAPTER r: WATER AND SEWAGE
PART 900 DRINKING WATER SYSTEMS CODE
SECTION 900.20 GENERAL REQUIREMENTS

PART 892 LAWN IRRIGATION CONTRACTOR
AND LAWN SPRINKLER SYSTEM REGISTRATION
CODE
SECTION 892.25 PROVIDERS OF LAWN
SPRINKLER DESIGN AND INSTALLATION
COURSES

SUBCHAPTER r: WATER AND SEWAGE
PART 895 PUBLIC AREA SANITARY PRACTICE
CODE

FEMA
Design and Construction
Guidance for Community
Safe Rooms
Environmental Barriers Act and the Illinois
Accessibility Code covers:
State of Illinois Food and Sanitation Code
Subchapter b: hospitals and ambulatory care
facilities
Part 250 hospital licensing requirements

United States Environmental Protection Agency
Drinking Water Requirements for States and Public Water Systems
Lead in Drinking Water in Schools and Childcare Facilities

SUBCHAPTER c: LONG-TERM CARE FACILITIES
PART 340 ILLINOIS VETERANS' HOMES CODE

SUBCHAPTER b: ACCESSIBILITY STANDARDS
PART 400 ILLINOIS ACCESSIBILITY CODE
SECTION 400.APPENDIX A ILLINOIS ACCESSIBILITY CODE

Americans with Disabilities Act and Architectural Barriers Act
Accessibility Guidelines

SUBCHAPTER c: LONG-TERM CARE FACILITIES
PART 300 SKILLED NURSING AND INTERMEDIATE CARE FACILITIES CODE

American Water Works Association
ANSI/AWWA C651-14
Disinfecting Water Mains

SUBCHAPTER r: WATER AND SEWAGE
PART 905 PRIVATE SEWAGE DISPOSAL CODE
SECTION 905.60 SUBSURFACE SEEPAGE SYSTEM CONSTRUCTION REQUIREMENTS

(410 ILCS 35/) Equitable Restrooms Act

SUBCHAPTER c: LONG-TERM CARE FACILITIES
PART 295 ASSISTED LIVING AND SHARED HOUSING ESTABLISHMENT CODE

(410 ILCS 655/) Safe Bottled Water Act.

SUBCHAPTER p: HAZARDOUS AND POISONOUS SUBSTANCES
PART 845 LEAD POISONING PREVENTION CODE

SUBCHAPTER r: WATER AND SEWAGE
PART 920 WATER WELL CONSTRUCTION CODE
SECTION 920.100 FINISHING AND TESTING

SUBCHAPTER m: FOOD, DRUGS AND COSMETICS
PART 730 MANUFACTURING, PROCESSING, PACKING OR HOLDING OF FOOD CODE

SUBCHAPTER r: WATER AND SEWAGE
PART 892 LAWN IRRIGATION CONTRACTOR AND LAWN SPRINKLER SYSTEM REGISTRATION CODE
SECTION 892.30 LICENSED PLUMBERS RESPONSIBLE FOR INSTALLATION OF LAWN SPRINKLER SYSTEM

SUBCHAPTER m: FOOD, DRUGS AND COSMETICS
PART 785 MANUFACTURED DAIRY PRODUCTS

SUBCHAPTER r: WATER AND SEWAGE
PART 900 DRINKING WATER SYSTEMS CODE



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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.

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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.



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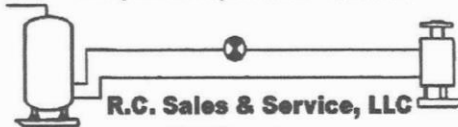
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Ames 7010046 – 2 ½"-10" Total Relief Valve Kit for a C/M 400/C500

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: 1st 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

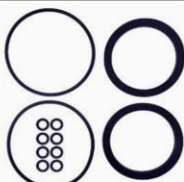


Watts: 0794090 – Complete Total Rubber Kit 4" for 909 RP; *Lead Free* (Previously 0887751)

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 16th
- Thursday, February 27th
- Thursday, April 2nd
- Thursday, January 30th
- Tuesday, March 3rd
- Thursday, April 16th
- Thursday, February 13th
- Tuesday, March 17th
- 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" Febco 825YD
- 3" Watts 009
- 4" Wilkins 375AST
- 4" Ames 4000SS
- 8" Ames Maxim 400
- 3" Watts 909

- Tuesday, January 21st
- Tuesday, February 18th
- Thursday, March 26th
- Tuesday, February 4th
- Thursday, March 12th
- Tuesday, April 7th
- Tuesday, April 21st

Location: Test Gauge, Inc. | 1051 E Main St, Unit 107 | East Dundee, IL 60118

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