

Agenda

Presented by James A. Richardson Jr.

Applying Definitions to the Design

Why properly applying definitions matters
Examples of improperly applied definitions
Applying definitions to example drawings

Significant Changes

Comparison of changes/differences in 2011 OPC and 2017 OPC
Submitted/future changes

Indirect Waste

Types of indirect connects
What can be indirectly connected
What must be indirectly connected
Commercial kitchen designs

Traps and Interceptors

Trap primers – when are they required
Trap seal protection methods
Fats, oils, and grease interceptor types
Fats, oils, and grease interceptor sizing

Can't Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!

A full recording of this seminar is available for \$289, which includes shipping and handling. This learning method does not qualify for the continuing education requirements of Ohio engineers, architects, and ICC members. No contractor credit available. Please allow four weeks from the seminar date for delivery.

International Plumbing Code

Columbus, OH - Wednesday, February 20, 2019



Halfmoon Education Inc.
PO BOX 278
Altoona, WI 54720-0278

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Learning Objectives

You'll be able to:

Explore recent and submitted/future changes to the International Plumbing Code.

Apply code definitions to example drawings.

Consider what can, and what must, be indirectly connected in plumbing systems.

Learn about when traps are required.

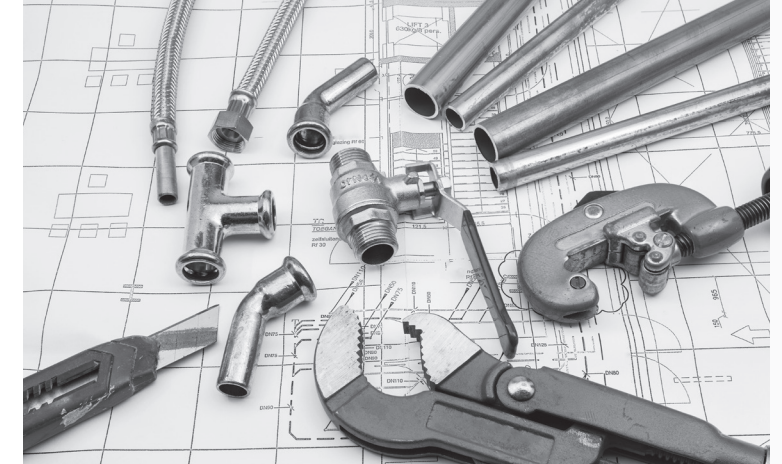
Explore commercial kitchen designs.

Understand fats, oils, and grease interceptor types and sizing.



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Apply plumbing code definitions to design

Understand the significant changes between the 2011 and the 2017 Ohio Plumbing Codes

Learn what can and what must be indirectly connected

Understand trap and interceptor design and implementation

Continuing Education Credits

Professional Engineers

7.0 PDHs

Architects

7.0 HSW Continuing Ed. Hours

7.0 AIA HSW Learning Units

International Code Council

.7 CEUs (Building)



HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG

Faculty

James A. Richardson Jr. *Plumbing Inspection Supervisor for the City of Columbus (Ohio)*
 Mr. Richardson has over 27 years of experience in the plumbing industry, which includes working as a journeyman plumber and a plumbing contractor, and working as a plumbing inspector for a Health District and a Building Department. He is a member of The American Society of Plumbing Engineers, The American Society of Sanitary Engineering, The Ohio Association of Plumbing Inspectors, The Central Ohio Building Officials Association and The International Code Council (ICC). Mr. Richardson has also served one term as a Plumbing Board Committee member for ICC Code Action Hearings (2018) and as a board member for the Ohio Association of Plumbing Inspectors.

Additional Learning

Webinar Series

Pumping and Piping Systems

- **Introduction to Pumps: Operation, Principles and Calculations**
Thurs., Jan. 24, 2019, 12:00 - 2:00 PM CST
- **Design Standards and Codes**
Thurs., Jan. 24, 2019, 2:30 - 3:30 PM CST
- **Piping System Components, Materials and Calculations**
Fri., Jan. 25, 2019, 12:00 - 2:00 PM CST
- **Handling Pump and Piping System Problems**
Fri., Jan. 25, 2019, 2:30 - 3:30 PM CST

Complying with ADA Standards for Accessible Design

- **Complying with Federal and State Accessibility Requirements**
Thurs., Feb. 7, 2019, 11:00 AM - 1:30 PM CST
- **Meeting Requirements in IBC and ADA Standards**
Fri., Feb. 8, 2019, 11:00 AM - 1:30 PM CST

Special Inspections

- **Introduction to Chapter 17: Special Inspections**
Wed., Feb. 13, 2019, 11:00 AM - 12:30 PM CST
- **Soils and Foundations**
Wed., Feb. 13, 2019, 1:00 - 2:30 PM CST
- **Reinforced Concrete and Structural Steel**
Thurs., Feb. 14, 2019, 11:00 AM - 12:30 PM CST
- **ACT Ceiling Grid, Epoxy Anchors, and Fire Penetrations**
Thurs., Feb. 14, 2019, 1:00 - 2:30 PM CST

Off-Grid Master Class

- **Off-Grid Master Class, Part I**
Wed., Feb. 6, 2019, 11:00 AM - 2:15 PM CST
- **Off-Grid Master Class, Part II**
Thurs., Feb. 7, 2019, 11:00 AM - 2:15 PM CST

For more information visit:
www.halfmoonseminars.org/webinars/

Continuing Education Credit Information

This seminar is open to the public and offers 7.0 PDHs to professional engineers and 7.0 HSW continuing education hours to architects in Ohio. Educators and courses are not subject to preapproval in Ohio.

The American Institute of Architects has approved this course for 7.0 HSW Learning Units (Sponsor No. J885). Only full attendance can be reported to the AIA/CES.

The International Code Council has approved this seminar for .7 CEUs in the specialty area of Building (Preferred Provider No. 1232).

HalfMoon Education is not seeking course approval for Ohio plumbing contractors.

Attendance will be monitored and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

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Registration

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How to Register		Registrant Information
Online: www.halfmoonseminars.org		Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip: _____ Occupation: _____ Email: _____ Phone: _____
Phone: 715-835-5900		Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____
Fax: 715-835-6066	Code:	Name: _____ Occupation: _____ Email: _____ Phone: _____
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		Name: _____ Occupation: _____ Email: _____ Phone: _____
Complete the entire form. Attach duplicates if necessary.		Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.
		() I need special accommodations. Please contact me.

Tuition
() I will be attending the live seminar. Single Registrant - \$279.00 . Three or more registrants from the same company registering at the same time - \$259.00 each.
() I am not attending. Please send me the self-study package for \$289.00 .
<input type="checkbox"/> Downloadable MP3 Audio/PDF Manual
<input type="checkbox"/> CD/Manual Package
(Please allow four weeks from seminar date for delivery)
Checks: Make payable to HalfMoon Education Inc.
Credit Card: <i>Mastercard, Visa, American Express, or Discover</i>
Credit Card Number: _____
Expiration Date: _____ CVV2 Code: _____
Cardholder Name: _____
Billing Address: _____
City: _____ State: _____ Zip: _____
Signature: _____
Email: _____

Seminar Information

Crowne Plaza Columbus North - Worthington

6500 Doubletree Avenue
 Columbus, OH 43229
 (614) 885-1885

Registration	Lunch (On your own)
8:00 - 8:30 am	12:30 - 1:30 pm
Morning Session	Afternoon Session
8:30 am - 12:30 pm	1:30 - 5:00 pm

Tuition

\$279 for individual registration

\$259 for three or more simultaneous registrations.

Included with your registration:

Complimentary continental breakfast and printed seminar manual. Registration does not include a copy of the Code itself.

Receive a reduced tuition rate of \$101 by registering to be our on-site coordinator for the day.

For availability and job description, please visit www.halfmoonseminars.org.

How to Register

- Visit us online at www.halfmoonseminars.org
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

Cancellations: Cancel at least 48 hours before the start of the seminar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar or the self-study package. You may also send another person to take your place.