Agenda

Presented by Matt Love

Introduction to Plumbing Standards and Practices
- International Plumbing Code
- International Residential Code
- Overview of plumbing-specific code provisions
- Determining the code that applies to your project
- Requirements for plumbing fixtures

Requirements for Plumbing Fixtures
- Determine requirements for number of fixtures
- Calculating fixtures
- Interpreting requirements, counts

Best Practices for Plastic Pipes and Fittings
- Pipe fitting standards
- ABS pipe and fittings: applications, benefits, drawbacks
- PEX: applications, benefits, drawbacks
- PVC: applications, benefits, drawbacks
- CPVC: applications, benefits, drawbacks

Best Practices for Copper, Galvanized Steel and Cast Iron Pipe
- Fittings: applications, options, benefits, drawbacks
- Supports: applications, options, benefits, drawbacks
- Metal versus plastic plumbing systems: pros and cons

Common Plumbing Violations
- Solving problems that arise in rough-in inspections
- Resolving problems in water/sewer Inspections
- Resolving issues in ground plumbing inspections

Plumbing Basics for Non-Plumbing Professionals
Live, Interactive Webinar - Tuesday, September 10, 2024

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HalfMoon Education Inc.
PO Box 278
Altoona, WI 54720-0278

Learning Objectives

You'll be able to:

Review the provisions of the International Plumbing Code (IPC) and the International Residential Code (IRC).

Calculate the required number of plumbing fixtures.

Meet pipe-fitting standards for different types of pipe, including ABS, PEX, PVC and CPVC.

Identify best practices for copper, galvanized steel and cast iron pipe.

Solve problems that arise in rough-in inspections, water/sewer inspections and ground plumbing inspections.

HalfMoon Education Inc.,
Your LIVE Education Leader Presents

Plumbing Basics for Non-Plumbing Professionals

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Comply with plumbing provisions in building codes

Calculate required number of plumbing fixtures

Follow best practices for working with ABS, PEX, PVC and CPVC pipe

Define best practices for working with copper, galvanized steel and cast iron pipe

Prevent and resolve common plumbing violations

Continuing Education Credits

Professonal Engineers
6.0 PDHs

Architects
6.0 HSW CE Hours
6.0 AIA LU|HSW

International Code Council
.6 CEUs (Building)

AIA Continuing Education Provider

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Webinar Information

Online - Tuesday, September 10, 2024

Log into Webinar
8:00 - 8:30 am CDT

Break
12:30 - 1:00 pm CDT

Morning Session
8:30 am - 12:30 pm CDT

Afternoon Session
1:00 - 3:30 pm CDT

Tuition

$339 for individual registration.
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Faculty

Matt Love
Chief Building Code Official
Mr. Love is the chief building code official for Cabarrus County Construction Standards in North Carolina. Mr. Love obtained his bachelor of science degree in Construction Technologies with a concentration in Community and Regional Planning from Appalachian State University. Mr. Love is also a licensed general contractor. Mr. Love currently holds a level III Standard Certificate in Building, Plumbing, Mechanical and Electrical and level I Standard Fire Certificate from the North Carolina Department of Insurance. Mr. Love teaches Building and Plumbing I, II and III Standard Courses to North Carolina Building Inspectors as well as Continuing Education Courses for the North Carolina Building Inspectors' Association. Matt is currently on the Executive Board of the North Carolina Building Inspectors' Association as the president-elect while also serves on the Education Committee as the co-chair and Site-Development Committee.

Credit Information

This webinar is open to the public and is designed to qualify for 6.0 PDHs for professional engineers and 6.0 HSW continuing education hours for licensed architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider License No: CEA362), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00049300) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 6.0 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .6 CEUs in the specialty area of Building (Preferred Provider No. 1232).

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

On-Demand Credits

The preceding credit information only applies to the live presentation. This course in an on-demand format is not pre-approved by any licensing boards and may not qualify for the same credits; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request:
6.0 HSW LUs (AIA)

Additional Learning

2024 International Building Code: Code Fundamentals
- Tuesday, August 13, 2024 | 12:00 - 4:30 pm CDT

Tiny House Design and Construction
- Tuesday, August 13, 2024 | 9:00 am - 5:15 pm CDT

Engineering Ethics and Engineering Code of Conduct for Professional Engineers
- Friday, August 16, 2024 | 10:00 am - 12:00 pm CDT

Basics of Structural Steel Design and Construction
- Tuesday, August 20, 2024 | 8:30 am - 4:30 pm CDT

Complying with NFPA 101 (2021): Life Safety Code
- Wednesday, August 21, 2024 | 8:30 am - 5:00 pm CDT

Designing and Constructing Net-Zero Energy Homes
- Friday, August 23, 2024 | 8:30 am - 4:00 pm CDT

Flood-Resistant Design and Construction
- Monday, August 26, 2024 | 9:00 am - 4:30 pm CDT

2024 International Building Code: Administration and Enforcement
- Tuesday, August 27, 2024 | 12:00 - 4:30 pm CDT

Complying with Commercial Provisions of the 2021 International Energy Conservation Code
- Tuesday, August 27, 2024 | 9:00 am - 4:30 pm CDT

How to Calculate the Proper Size and Volume for Water Lines (Pex & Copper), Drain-Waste-Vent Lines and Natural Gas Lines
- Tuesday, August 27, 2024 | 8:30 am - 3:30 pm CDT

Structural Engineering Calculations for Wood Construction
- Tuesday, August 27, 2024 | 10:00 am - 1:15 pm CDT

Physics of Construction of a Building
- Wednesday, August 28, 2024 | 8:30 am - 4:30 pm CDT

Swimming Pool Design and Construction
- Wednesday, August 28, 2024 | 9:00 am - 12:30 pm CDT
- Thursday, August 29, 2024 | 9:00 am - 12:30 pm CDT

Innovative MS4 Stormwater Management Practices and Procedures
- Thursday, August 29, 2024 | 9:00 am - 12:15 pm CDT

Residential and Small Commercial Roof Design and Construction
- Friday, September 6, 2024 | 9:00 am - 4:30 pm CDT

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