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The International Code Council's PMG Newsletter

June 25, 2024

Welcome!

This newsletter is part of a continuous series released bi-monthly by the International Code Council's Plumbing, Mechanical and Fuel Gas (PMG) Technical Resources Team. From the latest developments in Code Council initiatives within the [PMG space](#), to industry news spanning the globe, this newsletter will help you stay in the know.

Feedback and editorial suggestions can be sent to Jim Cika, Director, PMG Technical Resources, at jcika@iccsafe.org. For advertising information, please email Matt Sigler, PMG Executive Director, at msigler@iccsafe.org.



The Latest from the PMG Team



EPA's Technology Transitions Program Related to A2L Refrigerants in the Built Environment

In this article we will cover the second program EPA has enacted, the Technology Transitions Program, as it applies to residential and commercial HVAC systems.

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Updates on the Code Council's PMG Standards Activities

The Code Council's PMG team is actively developing three new standards for the built environment. These standards cover hydrogen systems, sizing water distribution, sanitary drainage, vent piping systems, and onsite wastewater treatment systems.

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American Plumber Stories: A Glimpse into the World of Plumbing

The Code Council is sponsoring Season 5 of American Plumber Stories, which is set to air in late 2024. In anticipation of the new season, the Code Council highlights the history of the series and shares some excitement for the upcoming season.

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Addressing International Construction Skills Shortages

Around the world, there is a drive to increase housing stock and address growing housing affordability issues. One of the principal barriers to this goal is a global shortage of skilled labor across most construction occupations.

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Highlighting the Latest International Plumbing Research from Australia

Staying up-to-date with the latest plumbing research and academic findings can be challenging. Here we highlight the work of two prominent Australian universities. First, Dr. Harriet Whiley from Flinders University shares new insights into managing the risk of Legionella in plumbing systems. Then, we will delve into water demand research conducted by Mr. Brendan Josey from Deakin University.

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Connecting with the Industry to Advance the Safe Use of Hydrogen Technology

The use of hydrogen technology continues to evolve and grow across the globe. The Code Council participated in the 2024 Hydrogen Americas Summit and Exhibition to discuss the advancements of hydrogen fuel on a global scale.

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Preparing Our Buildings and Communities for Water Reuse in the 21st Century

In response to the growing need for sustainable water management solutions, the Code Council's PMG team participated in an Onsite Water Reuse Summit held in Washington D.C. to examine water reuse provisions in the codes.

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High School Students Excel with International Code Council's Technical Training Program

St. George's Technical High School in Middletown, Delaware, has achieved notable success with the implementation of the Code Council's Technical Training Program, a significant step toward shaping the next generation of building safety professionals.

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First Female Member and President of the Rhode Island Master Plumber and Mechanical Association

Through Melanie Aldrich's dedication and hard work, she became the Ocean State's first female plumbing inspector, and the first woman appointed to the state's Board of Examiners of Plumbers.

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Code Council News

- Registration Now Open for International Code Council's 2024 Annual Conference, Expo and Hearings
- A2L Hot Topics page updated
 - Added 2024 IRC A2L related code provisions.
 - Added link to AHRI's "A2L Refrigerant Building Code Map".

Global Industry News

- PFAS and drinking water in Australia
- LG is establishing a global R&D triangle to develop next-generation heat pumps specifically designed for cold climate zones.

- Water in the construction process
- High Tech Plumbing Offers more Comfort and Utility
- Women in Plumbing and Piping announces launch of Scholarship Program
- Safe and practical applications: natural refrigerants
- Breakthrough Uses Sun to Desalinate Seawater
- New Approach Degrades PFAS
- Purdue University will host the 23rd World Building Congress from May 19-23, 2025

PMG CodeNotes

- Backflow Preventers and Protection of Water Supply
- Gas Appliance Combustion, Ventilation and Dilution Air Part 1 – Outdoor Combustion Air Methods
- Velocity Limits in the 2021 International Gas Appliance Combustion, Ventilation and Dilution Air Part 2 – Indoor Combustion Air Methods

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