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# The International Code Council's PMG Newsletter

April 30, 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](mailto:jcika@iccsafe.org). For advertising information, please email Matt Sigler, PMG Executive Director, at [msigler@iccsafe.org](mailto:msigler@iccsafe.org).*



## The Latest from the PMG Team



### EPA Phasedown of Hydrofluorocarbon Refrigerants: Where Do We Stand?

The United States is two years into the Environmental Protection Agency's (EPA) program mandating a reduction in the production and use of HFC refrigerants. Here we look at some of the recent changes impacting the built environment and provide insight on where the industry currently stands.

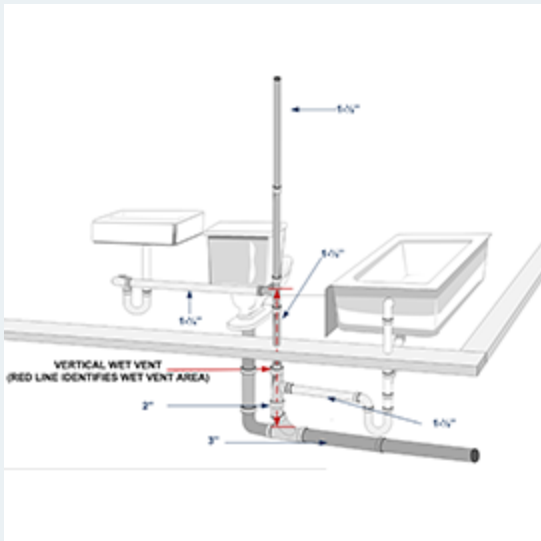
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## Empowering Change: Inaugural World Water Awareness Campaign Recap

The Code Council's World Water Awareness campaign featured new research and information to facilitate the rapid implementation of modern building codes and standards while helping guide decision-makers in managing limited resources, both in the U.S. and globally.

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## The Code Council's Involvement in CIB's Annual Water Supply and Drainage Symposium

Every year, the International Council for Research and Innovation in Building and Construction (CIB) hosts a seminar on Water Supply and Drainage (W062) aimed to discuss innovations, challenges and best practices in the design, construction and management of water supply and drainage systems.

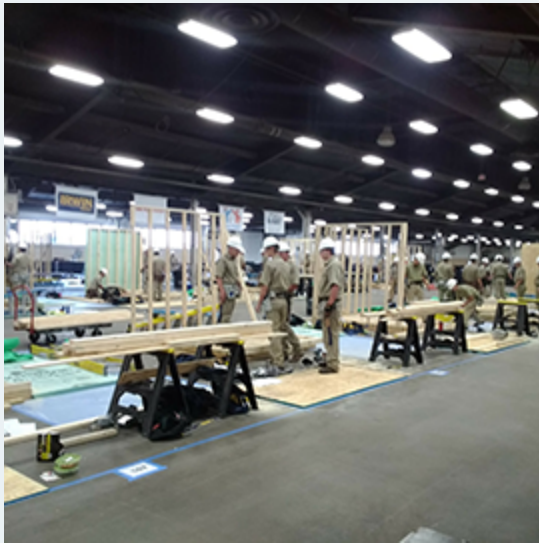
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## 2024 CIBSE Technical Symposium: Diving Into Future Building Services

The 2024 Technical Symposium hosted by the Chartered Institution of Building Services Engineers (CIBSE) was held at the Welsh School of Architecture at Cardiff University in April. The symposium focused on improving building performance for the future, considering factors like the digital revolution, impacts of climate change, health and wellbeing and the renewed imperative of building safety.

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## Supporting the Next Generation Through Skilled Competitions and Career Development

By highlighting the diverse career options, potential prospects and pathways for advancement within the PMG industry, we aim to inspire a new generation of tradespeople who are passionate about making a meaningful impact through their work.

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## A Brief History of the Chimney Sweep and Modern Chimney Safety Practices

In the whimsical world of "Mary Poppins," Dick Van Dyke's portrayal of Bert the chimney sweep paints a picture of luck and cheer. However, behind the catchy tunes and cheerful demeanor lies a history fraught with danger and hardship that has led to modern chimney safety practices, including requirements in the 2024 International Fuel Gas Code®.

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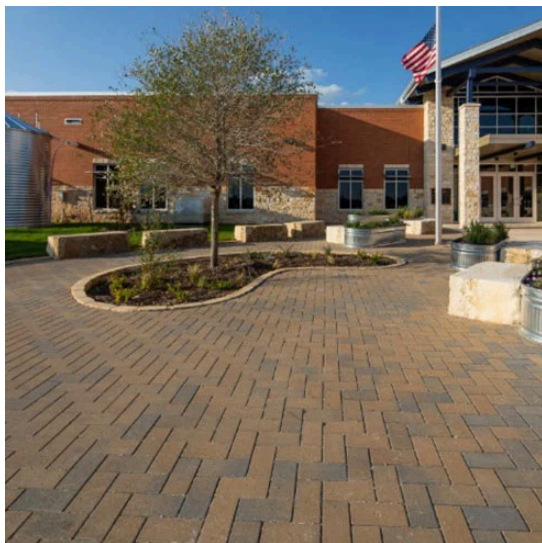
2024 BUILDING SAFETY MONTH [buildingsafetymonth.org](https://buildingsafetymonth.org) | #BuildingSafety365

**MISSION POSSIBLE**

<b>Week 1</b>	<b>Week 2</b>	<b>Week 3</b>	<b>Week 4</b>	<b>Week 5</b>
Understanding the Mission	Preparing a Building Safety Plan	Learning from the Pros	Engaging Your Community	Celebrating Success in Building Safety

### Code Council News

- Registration Now Open for International Code Council's 2024 Annual Conference, Expo and Hearings
- ICC set to kick off 2024 Building Safety Month with Week 1 Theme, "Understanding the Mission"
- ICC Launches NEW PMG "Hot Topics" page Advancements in the Implementation of Hydrogen Fuel



## How the One Water Movement Made Blue Hole Primary School a Leader in Water Reuse

The One Water movement is an approach to water management that seeks to integrate the management of all water resources in a more sustainable manner. Rather than treating different sources of water separately, the One Water approach aims to view them as part of a single interconnected system.

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## International Code Council Celebrates World Water Day

World Water Day is an annual campaign that raises awareness of the global water crisis by advocating for the sustainable management of freshwater resources. As the building industry looks to increase water efficiency within both new and existing buildings, the Code Council has worked toward ensuring water efficiency in buildings and structures through its innovative standards, which address water efficiency and conservation.

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## The Code Council Spotlights Plumbing Partnerships at IBS / KBIS

During the show, which welcomed industry professionals from the residential design and construction community, the Code Council unveiled its latest collaborations with Pfister Faucets and the newly formed Women in Plumbing & Piping.

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## Participate in the Center for Hydrogen Safety's 2024 Hydrogen Safety Training Day

On May 20, the Center for Hydrogen Safety will be hosting an insightful Hydrogen Safety Training Day in Las Vegas, NV. This training day is designed to provide attendees with the essential safety skills needed to navigate the dynamic hydrogen market. The courses will be eligible for Code Council Continuing Education Units (CEUs).

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**2024 CHS Americas Conference & Training Day**  
Hampton Inn Tropicana, Las Vegas, NV  
May 20, 2024

1. Gaseous Hydrogen: Safety Considerations  
(2 hours - 8:30am to 10:30am) CEUs: 0.2
2. NFPA 2 Hydrogen Technologies Code Training  
(4 hours - 2:00pm - 6:00pm) CEUs: 0.4



## Industry News

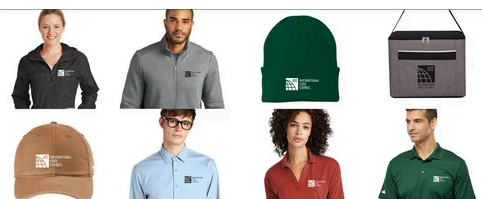
- [Personal Carbon Monoxide Detector is an Essential Tool](#)
- [Carrier, the inventor of the air conditioner, is moving on to the home heat pump](#)
- [EPA announces final National Primary Drinking Water Regulation for six PFAS](#)
- [European Commission Awards €115M Hydrogen Refueling Station Grants](#)
- [Development Of The Hydrogen Hubs Keeps On Rolling](#)
- [Japan pours billions of yen into plan to build the world's largest hydrogen fuel cell for aviation](#)
- [IDTechEx Discusses Membrane Materials for PEM Fuel Cells in the Post-PFAS World](#)
- [Germany's Renewable Hydrogen Production: €350M Support Scheme Approved](#)
- [Researchers produce green hydrogen 14-times faster than standard with wastewater extraction technology](#)
- [Triple Carbon Reduction: Anglian Water Utilizes MABR To Help Reduce Wastewater Treatment Greenhouse Gas Emissions](#)
- [Groundbreaking feasibility study to accelerate green hydrogen international production and export infrastructure](#)

## PMG CodeNotes

- [Rainwater Harvesting Systems in the I-Codes](#)
- [Permanent Inground Residential Swimming Pool Entry/Exit Requirements](#)
- [Underground Gas Piping System Requirements in the I-Codes](#)
- [Velocity Limits in the 2021 International Swimming Pool and Spa Code](#)



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