

HalfMoon Education Live Continuing Education Webinars

Steam Heating Systems: Design, Maintenance and Improvement

Online - Friday, March 3, 2023 | 8:30 am - 4:30 pm CST

Credits:

Professional Engineers: 7.0 PDHs

Architects: 7.0 HSW CE Hours AIA: 7.0 LU/HSW

International Code Council: .7 CEUs (Building)

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

NON-PROFIT
U.S. POSTAGE PAID
EAU CLAIRE, WI
PERMIT NO. 2016



HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG

AIA
Continuing
Education
Provider



PREFERRED
EDUCATION
PROVIDER

Webinar Agenda | Friday, March 3, 2023 | 8:30 am - 4:30 pm CST (including a 30-min. break)

History of Steam Heating Systems, Current Codes and Standards

- History of steam heating systems
- Applications for steam heat
- Complying with current codes and standards

Fundamentals of Steam Heating Systems

- System technology
- System components
- System configurations

Choosing Steam Boilers

- Sizing boilers
- Trouble shooting boiler problems

Steam System Configurations

- One-pipe systems
- Two-pipe systems
- Near boiler piping

Condensate, Traps and Pumps

- Handling condensate
- Traps
- Boiler-feed pumps

Solving Steam Heat Problems

- Recommended system maintenance
- Troubleshooting system problems

Case Studies and How to Green Steam

Presented by

Ray Wohlfarth is president of Fire & Ice Heating & Cooling in Pittsburgh, Pennsylvania. He is an international author of 11 books on boilers and a columnist for *Plumbing & Mechanical*, *RSES*, *PM Engineer*, *Master Brewers Association*, *National Board*, *Green Building Research*, and *Engineered Systems Magazines*. He recently started a YouTube channel, Boiler Room Detective. Mr. Wohlfarth is currently on the board of directors for West Virginia ASHRAE and West Virginia APPA and is past president of Pittsburgh ASHRAE. He has taught classes for ASHRAE, RSES, Hospital Engineers, NAPE, Operating Engineers, Steamfitters, BOMA, IFMA, and APPA.

Tuition

\$319 for individual registration
\$289 for two or more registrants from the same company at the same time.

Included with your registration: PDF seminar manual.

Can't Attend? Order the Webinar as an On-Demand Package!

Recordings of this webinar are available for purchase. See details online for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Learn More and Register:
www.halfmoonseminars.org
Customer Service (715) 835-5900 Ext. 1

or scan here



Credit Information

This webinar is open to the public and is designed to qualify for 7.0 PDHs for professional engineers and 7.0 HSW continuing education hours for licensed architects in all states.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) 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 7.0 LU/HSW (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .7 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 above pre-approval(s) only apply to the live presentation. This course in an on-demand format may not be eligible for the same credits as the live presentation; 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)