



INDUSTRIAL HEATING EQUIPMENT ASSOCIATION

Build your industry knowledge with IHEA education



IHEA's online courses have been a successful source of high-level education for those who prefer a virtual learning experience. The Fundamentals of Industrial Process Heating will run from October 26 through December 13. This extensive six-week course provides a basic understanding of process heating, and an engineering background is recommended to take this course. The curriculum includes the basics of heat transfer, fuels and combustion, energy use, furnace design, refractories, automatic control, and atmospheres as applied to industrial process heating. Weekly coursework, quizzes, and a final exam project are administered to guide students on their progress and evaluate their knowledge of the material.

Moderator interaction is available during the weekly forum discussions and via email for questions and to review the coursework. Dan Curry serves as moderator for the course. Curry, now retired, has experience in product development and management in industrial burners, burner control systems, temperature controls, and combustion systems. Throughout his career, he has served on various technical committees for ISO TC244, NFPA 86, NFPA 87, CSA B149.3, and IHEA's Safety Standards & Code Committee.

Registration fee includes the online course materials sent electronically; a printed version can also be purchased separately. Students successfully completing the course will receive a certificate of completion noting 18 PDHs. The course fee is \$775 for IHEA members, \$950 for non-members. A group discount is available: Register two or more people from the same company at the same time to receive discounted registration. The first person will receive the regular rate, and each additional attendee will receive a \$125 discount.

For a complete listing of the topics covered and registration information, go to www.ihea.org/event/FundamentalsFall26.

TWO IHEA SEMINARS, ONE INDUSTRY GATHERING

The Industrial Heating Equipment Association (IHEA) will present its Combustion Seminar and Safety Standards & Codes Seminar November 17-18 at the Electric Power Research Institute (EPRI) in Charlotte, North Carolina. These concurrent educational programs will be led by subject matter experts from IHEA member companies with extensive experience in combustion technology and active involvement in NFPA 86 technical committees and working groups.

Attendees of both seminars will have the opportunity to participate in a combined Tabletop Exhibition and Networking Reception on Tuesday evening, providing a valuable forum for industry professionals to connect, exchange ideas, and discuss current challenges and advancements in thermal processing.

IHEA's Safety Standards & Codes Seminar will offer a comprehensive review of NFPA 86, including key updates in the newly revised NFPA 86 Standard for Ovens and Furnaces, 2027 Edition. Designed for professionals involved in the design, operation, maintenance, and safety management of industrial thermal processing equipment, the program will address critical safety requirements and best practices across a broad range of applications.

Seminar sessions will focus on the application of nationally recognized standards governing the compliant design, operation, and safeguarding of industrial ovens and furnaces. Presenters serve on NFPA technical committees and play an active role in the standard's devel-

opment process, providing attendees with current insights into code requirements, emerging industry trends, and forthcoming changes that may affect operations and compliance efforts. Attendees receive a printed copy of the NFPA 86 Standard for Ovens and Furnaces, 2027 Edition as part of their registration.

The two-day seminar provides a comprehensive review of NFPA 86, highlighting requirements for:

- » Class A, B, & C Furnaces.
- » PLC Based Burner Management Systems.
- » Safety Shutoff Valves.
- » Safety Equipment & Application.
- » Safety Controls & Devices.
- » Safety Shutoff Valves.
- » Thermal Oxidizers.
- » Gas Line Evacuation (Purging) and Charging.

Additional topics include:

- » General Requirements, Locations and Construction.
- » Fuel Piping, Purging and Commissioning.
- » Commissioning, Operations, Maintenance, Inspection, and Testing.
- » Hydrogen Introduction.

For more information and registration details, visit www.ihea.org/event/safety26.

For more than five decades, IHEA has served as a leading source of technical education for professionals across the thermal-processing industry. Building on this longstanding tradition, the Combustion Seminar delivers current, practical insights from recognized experts in combustion technology.

The program is designed for professionals involved in the operation, design, specification, selection, and maintenance of fuel-fired industrial furnaces and ovens. Attendees will benefit from more than 12 hours of comprehensive instruction led by experienced industry professionals, gaining valuable knowledge on combustion principles, system performance, safety considerations, and emerging technologies. The seminar provides a unique opportunity to learn directly from experts who bring extensive real-world experience and technical expertise to the classroom.

Topics covered in this seminar include:

- » Fundamentals of Combustion.
- » Burners and Nozzles.
- » Practical Fluid Flow & Piping Practices for Combustion Systems.
- » Radiant Tube Burner Concepts.
- » Combustion System Safety.
- » Flame Safety and Sequence Control.
- » Fuel/Air Ratio Control.
- » Enhanced Combustion Efficiency.
- » Heat Application - Low Temperature.
- » Heat Application - High Temperature.
- » Combustion System Troubleshooting.
- » Optimizing Heating Strategies to Maximize Performance.
- » Intro to Hydrogen Combustion and Decarbonization.
- » Furnace and Process Controls.
- » Combustion Systems and the Environment.

For complete details and registration information, visit www.ihea.org/event/combustion26.

TABLETOP EXHIBITION AND RECEPTION

A combined Tabletop Exhibition and Networking Reception will be Tuesday, November 17, providing attendees from both seminars with additional opportunities to engage with industry suppliers and subject matter experts. Participants will have the chance to meet with company

representatives, explore the latest products and services, and discuss technologies and solutions highlighted during the educational sessions.

For exhibiting member companies, the event offers a valuable platform to connect with a diverse audience of industry professionals attending both seminars, fostering meaningful conversations, business development opportunities, and networking within the thermal processing community.

Registration fees for the seminars include admission to one seminar, seminar materials, tabletop exhibition and reception on Tuesday, and lunch and refreshment breaks on Tuesday and Wednesday. Upon completion of the course, seminar attendees will be issued a certificate documenting 15 Professional Development Hours (PDHs). There is a group discount available for two or more registrants from the same company who register at the same time. The first registrant will pay the full registration fee, and each subsequent registrant will receive a \$125 discount. Visit www.ihea.org/fall26 and scroll down to the seminar of your choice for registration and hotel information.

JOIN IHEA AND HELP SHAPE THE FUTURE OF THERMAL PROCESSING

The thermal processing industry is evolving rapidly, driven by advances in technology, changing regulations, and energy management goals. By becoming an IHEA member, you join a community of industry leaders committed to advancing the industry through education, collaboration, and innovation.

IHEA members work together to address the challenges and opportunities facing manufacturers, suppliers, and end users while helping to ensure a strong and sustainable future for the industry.

WHY JOIN IHEA?

» Influence the conversation around sustainability, energy efficiency, and decarbonization initiatives affecting the thermal processing industry.

» Access trusted, unbiased industry resources and technical information developed by industry experts.

» Stay informed with IHEA's monthly Executive Economic Forecasting Report, providing valuable insights into market trends and economic conditions.

» Save on professional development through exclusive member discounts on IHEA seminars, training programs, and online courses.

» Expand your professional network by connecting with industry peers, customers, suppliers, and thought leaders at IHEA events and conferences.

» Make an impact by participating in IHEA committees and helping guide industry initiatives, educational programs, and strategic priorities.

Your membership directly supports IHEA's mission to deliver high-quality education, technical resources, and industry advocacy. Together, we are building a stronger, safer, and more sustainable thermal processing industry.

Learn more about the benefits of membership and discover upcoming programs and initiatives at www.ihea.org.

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