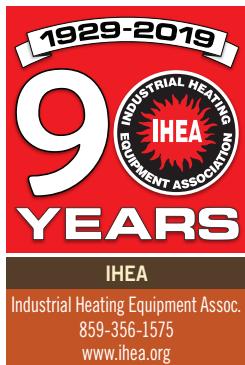


# IHEA Events in Full Swing This Spring



Spring has sprung, and the Industrial Heating Equipment Association calendar is filled with events for everyone. If you are involved in the industrial thermal-processing industry, join peers and training experts at one of the following events to enhance your skills, increase your knowledge and stay on top of the most current trends.

Complete details and registration information for all of IHEA's upcoming events can be found at [www.ihea.org/events](http://www.ihea.org/events).

## Fundamentals of Industrial Process Heating Online Course (April 15-May 26)

The online course offers the opportunity to keep current with industrial process heating in the comfort and convenience of your own workplace or home. The course is designed to give flexibility as well as interaction with an instructor and forums to communicate with other students.

This course provides an overview of the fundamentals of heat transfer, fuels and combustion, energy use, furnace design, refractories, automatic control and atmospheres as applied to industrial process heating. Students will gain a basic understanding of heat-transfer principles, fuels and combustion equipment, electric heating, and instrumentation and control for efficient operation of furnaces and ovens in process heating.

Students earn PDHs for passing the course. For a complete listing of the course topics, visit [www.ihea.org/event/FundamentalsSpring19](http://www.ihea.org/event/FundamentalsSpring19).

## NFPA 86 Updates Seminar (May 14, Fabricators & Manufacturers Association, Elgin, Ill.)

Join IHEA for this new, one-day seminar, which will highlight the recent changes to NFPA 86. If you already have a good knowledge of NFPA 86, this seminar will be a great overview and in-depth summary of the recent changes to the standard and how they affect you. If you are not familiar with NFPA 86, IHEA will conduct the complete two-day Safety Standards & Codes Seminar this fall in Cleveland (details coming soon).

Noteworthy updates to NFPA 86 include the following areas: furnace heating systems; safety equipment and application; programmable logic controller (PLC) systems; safety shutoff valves; safety controls and devices; commissioning, operations, maintenance, inspection, testing and auditing.

Instructors for this course are industry experts and committee members involved in the discussions and changes to NFPA 86. They include:

- Kevin Carlisle, quality manager at Karl Dungs, has been involved in codes and standards for the past 20 years.
- Bryan Baesel, mechanical engineer at Honeywell Combustion Safety (formerly CEC), is a member of NFPA 85 and NFPA 86.
- Franklin Switzer, owner/president of S-afe Inc., serves as a committee member on NFPA 54, NFPA 85, NFPA 86 and NFPA 87.
- Aaron Zoeller, director of sales at Siemens Combustion Controls (SCC), holds seats on the NFPA 85 and NFPA 86 standard committees.

Zoeller said, "NFPA 86 has been the standard in the U.S. for industrial combustion applications since the mid-1900s. It is updated every three to four years to remain relevant with current technologies. While some guidelines have remained consistent for years, new technology in burner controls, PLCs, radiant tubes, etc. has brought important changes in the 2019 edition. Anyone working in the industry should educate themselves on the changes each time a new edition is released."

For complete details and registration information, visit [www.ihea.org/event/NFPAUpdate](http://www.ihea.org/event/NFPAUpdate).

