



INDUSTRIAL HEATING EQUIPMENT ASSOCIATION

Infrared technology is hot!



Scott Bishop makes the session interactive with an IR wavelength demonstration.

The Industrial Heating Equipment Association's Infrared Equipment Division (IRED) recently completed revisions to its popular *Infrared Process Heating Handbook for Industrial Applications*. This fundamental introduction to the many applications of infrared heating in industrial processes has been updated to include new technical information, additional application examples, and new case studies. Learn how infrared heating has been successfully applied to hundreds of different process-heating applications, such as curing metal finishes and protective coatings; fusing thermoset and thermoplastic powder coatings; forming molded plastics; bonding adhesives and metals; drying papers, inks, and fabrics; and processing foods.

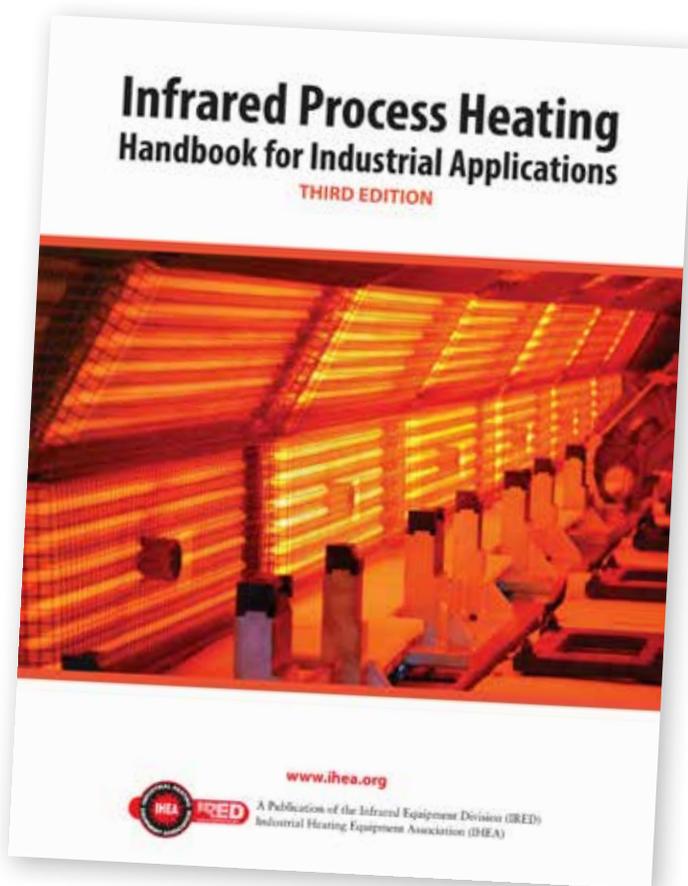
"After eight years from the publication of the second edition of the *Infrared Process Heating Handbook*, the IRED decided it was time to review and update the publication," said IRED Chairman Scott Bishop.

In this edition there are three major updates:

- Fresh, new case studies and infrared process-heating examples



John Podach of Fostoria Process Equipment explaining infrared technology at their FABTECH booth.



IHEA's newly revised third edition of the *Infrared Process Heating Handbook for Industrial Applications* is available now.

categorized by industrial segments.

- › A revamped section on controls and how they can be implemented using infrared process heaters.

- › Better quality pictures and charts/graphs to enhance the reader's knowledge.

"I would personally like to thank all the contributors for their hard work and diligent efforts that went into creating this new edition of the handbook," Bishop said.

IHEA IRED MANUAL CONTRIBUTING MEMBERS

- › Alabama Power
- › Electric Power Research Institute (EPRI)
- › Fostoria Process Equipment – a division of TPI Corp.
- › Gefran Inc.
- › Georgia Power
- › Heraeus Noblelight America LLC
- › Selas Heat Technology Co. LLC

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- › **IHEA members:** \$20.
- › **Non-members:** \$40.

IHEA members can purchase resources and register for events at a discounted rate. For additional information on the Industrial Heating Equipment Association and how to become a member, go to www.ihea.org/page/Benefits.

IHEA'S IRED AT FABTECH 2019

ABCs of Infrared (C20)

Monday, November 11, 2019

10-11:30 a.m.

McCormick Place – Chicago, Illinois

www.fabtechexpo.com

IHEA's Infrared Division (IRED) presents this session at FABTECH each year. It reviews the basics of infrared (IR), including what it is, how it is produced, and its characteristics. It will include all equipment sources of infrared followed by a discussion of the wide variety of IR applications, which showcase the many ways in which IR can be used in today's industrial environment. Attendees will also learn several ways to troubleshoot with infrared technology.

Presenters for this session include: Scott Bishop, Alabama Power Co.; Tim O'Neal, Selas Heat Technology Co. LLC; John Podach, Fostoria Process Equipment; and Lee McWhorter, Heraeus Noblelight America LLC.

For more information on the education program at FABTECH, go to www.fabtechexpo.com/education.

IHEA MEMBERS EXHIBIT AT FABTECH 2019

FABTECH is North America's largest metal forming, fabricating, welding, and finishing event. IHEA members are represented on the exhibit show floor in the FINISHING pavilion. Make the most of your visit and stop by IHEA member booths!

- › Fostoria Process Equipment – a Division of TPI Corp.: B14068
- › Heraeus Noblelight America LLC: B11038
- › Selas Heat Technology Co. LLC: B12019
- › Therma-Tron-X, Inc.: B13050

Visit www.fabtechexpo.com for FABTECH details.

IHEA 2019 CALENDAR OF EVENTS

OCTOBER 7–NOVEMBER 17

Fundamentals of Process Heating On-Line Course

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.

Six-week online course | Register at www.ihea.org/event/FundamentalsFall19

For details on IHEA events, go to www.ihea.org/events

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P.O. Box 679 | Independence, KY 41051

859-356-1575 | www.ihea.org

