



# Ipsen U

## 2017

### A Better Understanding of Heat-Treating Systems

#### Register for Ipsen U

There are three easy ways to register for an Ipsen U course:

- Online – Fill out and submit the registration form at:  
[www.IpsenUSA.com/Ipsen-U](http://www.IpsenUSA.com/Ipsen-U)
- Mail – Fill out the form provided online and mail to:  
Ipsen U  
984 Ipsen Road  
Cherry Valley, IL 61016
- Phone – Call Kristine Stewart at:  
+1-815-332-2622

#### For More Information, Contact:

Kristine Stewart at +1-815-332-2622 or  
[Kristine.Stewart@IpsenUSA.com](mailto:Kristine.Stewart@IpsenUSA.com).

#### Cancellation Policy

Classes may be rescheduled or canceled up to 30 days before the event without penalty. Within 30 days of the event, canceled reservations are non-refundable but can be rescheduled once for a future class.

If you have to cancel for any reason, please contact Kristine Stewart at +1-815-332-2622.

#### Local Hotels (Request the Ipsen Rate)

*Fairfield Inn & Suites*  
7651 Walton Street, Rockford, IL 61108  
Call +1-815-398-7400

*Hilton Garden Inn*  
7675 Walton Street, Rockford, IL 61108  
Call +1-815-229-3322

*Holiday Inn*  
7550 E. State Street, Rockford, IL 61108  
Call +1-815-398-2200

*Marriott Courtyard*  
7676 E. State Street, Rockford, IL 61108  
Call +1-815-397-6222, or visit  
[Bit.ly/MarriottRckfd](http://Bit.ly/MarriottRckfd)

*Radisson*  
200 S. Bell School Road, Rockford, IL 61108  
Call +1-815-226-2100

#### For Directions, Visit:

[www.IpsenUSA.com/Directions](http://www.IpsenUSA.com/Directions)

#### What Ipsen U Attendees Had to Say:

“Some of the best training I have had in my 25+ years as a maintenance tech.”

“Staff and facility are top notch and very knowledgeable in the heat-treating process.”

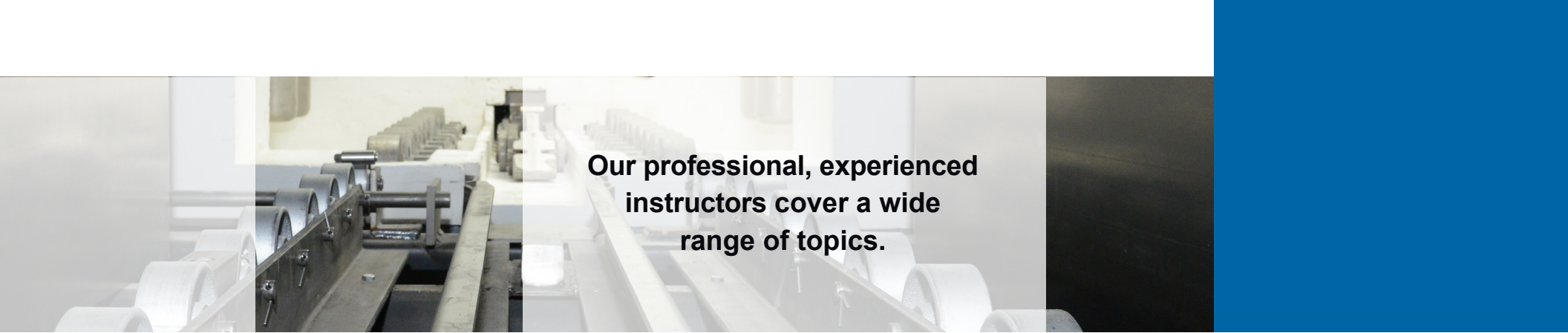
“All of the questions that were answered are going to be a big help as we go through Nadcap accreditation.”



### Ipsen USA

984 Ipsen Road, Cherry Valley, IL 61016  
Phone: +1-815-332-4941 Fax: 1-815-332-4995  
[Sales@IpsenUSA.com](mailto:Sales@IpsenUSA.com)





**Our professional, experienced  
instructors cover a wide  
range of topics.**

### About Ipsen U

Ipsen U is a practical course for building and refreshing your knowledge of thermal processing equipment. Ipsen U addresses all levels of experience in a casual, open-forum environment that encourages attendees to ask questions about their equipment and processes. The class's modular format allows participants to directly interact with several Ipsen experts and ask questions about their specific needs and concerns. Ipsen U also provides customers direct access to information that transfers furnace maintenance and upkeep into their own hands.

### Who Should Attend Ipsen U?

Ipsen U addresses all levels of expertise, including:

- Maintenance
- Operators
- Engineers
- Project Managers
- Plant Managers

### Equipment-Specific Training

Ipsen also offers alternative training that can be conducted at your facility and specifically tailored to your equipment and process needs. For more information, contact Ron Struse at [Ron.Struse@IpsenUSA.com](mailto:Ron.Struse@IpsenUSA.com).

### What Information is Covered?

- Introduction to heat-treating systems
- Introduction to heat treatment
  - Terminology
  - Theory
  - Processes
  - Metallurgy
- Getting to know your furnace
  - Construction
  - Components
  - Subsystems (Air, Cooling, Pumping, Water)
  - Controls
- SAT and TUS procedures
- Breaking down PID tuning
- Finding leaks: a hands-on demo
- Maintenance tips and best practices for ...
  - Vacuum and atmosphere furnaces
  - Pumping systems
  - Preventative and predictive strategies
- And much more

### Ipsen U Course Details

- Cost of course is \$950 per student
- Length of course is three days
- Class starts every day at 8:30 a.m. and ends at 4:30 p.m.
- Breakfast and lunch are provided each day, along with one group dinner
- Participants receive an Ipsen U certificate and an Ipsen polo shirt
- Attendees are responsible for transportation and hotel costs
- Reservations are required as class size is limited
- Payment is due in full upon reservation

### 2017 Class Schedule

- February 7-9
- April 4-6
- June 6-8
- August 1-3
- October 3-5