

## Biogas Systems

### DESIGNED FOR

Engineers, operators, technicians, and regulatory personnel from landfill facilities, waste management facilities, wastewater treatment plants, digester facilities, and governments around the world.

### COURSE OVERVIEW

Biogas Systems is taught by John Zink Hamworthy Combustion's engineering and service personnel who work full time on biogas equipment. It is well balanced between classroom and hands-on training. The course includes in-depth discussions, demonstrations, and witnessing an actual system check-out in our manufacturing facility.

Students are invited to bring specific problems for one-on-one discussion with an Institute instructor or for discussion with a group of peers who have experienced similar situations at their facilities.

### COURSE OBJECTIVES

At the completion of this course, the student should be able to:

- Discuss basic combustion principles such as stoichiometry, heat of combustion, and emissions
- Describe basic types of flares including typical mechanical and electrical components
- Discuss how to install, maintain, and troubleshoot biogas systems

### SOME TOPICS COVERED DURING COURSE

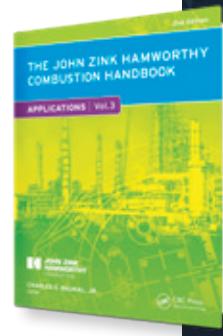
- Combustion Principles and Emissions
- Systems Design and Selection
- Mechanical and Electrical Components
- Troubleshooting, Operation, Maintenance, and Installation
- New Technologies, Flare Tricks, and Gas Plant Interaction

### LOCATION, DATES & PRICE

Tulsa, OK / October 20 - 21, 2026 — \$1,295

\* Tuition includes

Volume 3 of  
the John Zink  
Hamworthy  
Combustion  
Handbook.



## JZ: BG105

*We've educated thousands of professionals from all over the world.*

## 2-Day Course 1.2 CEUs (IACET)

*(Continuing Education Units)*

**Prerequisite:** None

*Dates are subject to change.*

*Contact the Koch Engineered Solutions Institute for more details.*

**KESInstitute.com**

**918.234.1800**

## Included

Each participant will receive a hardcopy of a color training manual of the course presentation, the JZHC Handbook Volume 3, and a certificate of completion. Registration includes a continental breakfast and lunch daily and all-day complimentary beverages.

## Payments/Cancellations

Your registration in a class is not guaranteed until payment in full has been received. Payment is due 30 days before the start of a class.

Cancellations received at least 30 calendar days before the start of a class will be 100% refunded. Cancellations less than 30 calendar days before the start of a class will not be refunded. However, students may at their option find their own replacement up to 15 business days prior to the start of the course. Students who fail to show up for a class will not receive a refund. If a student cannot attend their scheduled course, they may transfer their registration to another course of their choosing with no penalty incurred. This transfer must occur 15 business days prior to the start of a course.

We reserve the right to deny admission for any reason permitted by law including, without limitation, the admission of employees of companies that Koch Engineered Solutions deems to be a competitor. All decisions regarding admissions are made without regard to color, race, religion, gender, sexual orientation, national origin, ethnicity, age, disability, pregnancy, veteran status, or other legally protected factors. We reserve the right to cancel the registration of a student at our sole discretion. In such event, we will refund the course tuition.

Our company considers the health and safety of all our attendees, guests, and employees of paramount importance. All events shall be held in accordance with all company and venue policies and procedures as well as all local laws, regulations, and guidance in relation to COVID-19. It is the responsibility of each attendee to abide by all such policies, procedure, laws, regulations, and guidance while attending the event. If an attendee is unable to attend the event and must cancel or postpone their reservation in order to comply with the aforementioned, the company shall endeavor to transfer the reservation to the next available event.

## Policy Statement

It is the policy of the Koch Engineered Solutions Institute that 100% of the tuition must be paid by the student's employer or an affiliate of the employer. Payment for classes may be made only once the students have been approved for admission.

## Thousands of Professionals Educated

Our industry values experience and expertise. That's why thousands trust us for training and education. Each year, professionals from around the globe attend the Koch Engineered Solutions Institute, where they learn from industry leaders in the classroom and at the largest, most advanced combustion testing facility in the world. Let us share our knowledge with you.

## Questions?

**Please contact the Koch Engineered Solutions Institute at 918.234.1800.**

*Disclaimer: This document was prepared for promotional purposes only. Class dates and locations are subject to change without notice. Check the Koch Engineered Solutions Institute website for the most up-to-date information. The Koch Engineered Solutions Institute is not responsible for any costs associated with cancellations. The information provided is neither a guarantee nor a statement of warranty, either expressed or implied.*