

# PHA LEADERSHIP

## TRAINING COURSE



### HANDS-ON

An abundance of hands-on workshops to enhance your understanding



### VIRTUAL

Save on travel costs and join our course from anywhere



### MENTORED

Utilize the included 8 hours of follow-up coaching to ensure success of your first PHA

### ABOUT THIS TRAINING

In this hands-on Process Hazard Analysis (PHA) Leadership Training Course by facilitators for facilitators, we focus on the essentials of facilitating, not just the regulatory requirements.

### PRICING

\$3000 per trainee

### WHAT'S INCLUDED

5-Day Course  
8 Hours of Follow- Up Coaching Support

### LOCATION

Virtual, join online

## CONTACT US

## 5-Day Training Outline

# PHA LEADERSHIP

This course will prepare you to facilitate a Process Hazard Analysis (PHA) with confidence. In our five-day course, you will learn the most common techniques and have multiple opportunities to apply what you learn, with a focus on practical applications and solutions to typical pitfalls. Included pre-work will provide you with a foundation for the course, while the follow-up coaching ensures you will have the necessary support available to you when the time comes for you to facilitate your first PHA.

### *Pre-Work*

Background preparation prior to class provides more time for hands-on exercises. Using the provided pre-work materials, each trainee will:

- Review the applicable regulatory requirements
- Review CSB case studies related to PHA errors
- Be prompted to locate and review any company-specific policies for PHAs

### *Follow Up Coaching (included)*

Because we have learned through years of experience that most trainees cannot effectively facilitate PHAs after completing a typical training course, we have structured our program to include up to 8 hours of one-on-one coaching. These hours are intended to help cement the learning from the course and provide additional support to the trainee after course completion, and can be used for:

- Assistance with PHA preparation, including node selection
- Coach attendance of a portion of PHA facilitation to provide direct feedback to trainee
- Review of PHA study worksheets to ensure team is on track
- Review of recommendations, report, and/or employee training package to provide confidence in PHA follow-up activities

### *Day One*

Introductions & Review of Pre-Work  
Overview of a Process Hazard Analysis (PHA)  
Risk Matrices  
Process Safety Information (PSI)  
Review of Common Methodologies  
Group Exercise: Methodology Differences

### *Day Two*

Nodes  
Group Exercise: Node Assessment  
Identifying Deviations & Causes  
Hands-on Exercise  
Evaluation of Consequences  
Hands-on Exercise

### *Day Three*

Evaluating Safeguards  
Hands-on Exercise  
Assessing Frequency  
Hands-on Exercise

### *Day Four*

Making Recommendations  
Hands-on Exercise  
PHA Follow-up  
Human Factors & Facility Siting  
Hands-on Exercise  
Non-routine Operating Modes  
PHAs for Entire Process Life Cycle

### *Day Five*

Workshop: Putting it all Together  
PHA Team Leadership  
Certification Exam