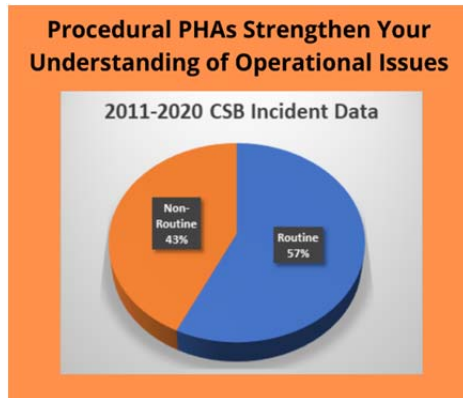


5 Benefits of Procedural PHAs Webinar



Learn how and why to use Procedural PHAs. Procedure heavy processes like loading/unloading, start-up/shutdown, complex valve configurations, by-pass of independent functions and batch processes benefit from using this approach.

Format: 1 hour live webinar

“Slowly ramp up the temperature to 400F” - *What does slowly mean? What happens if it is heated too quickly?*

Do you need more in-depth review of operations such as loading/unloading than you get with standard PHA approaches?

How do you review procedures for non-standard operations related to start-up, shutdown, purging and other maintenance related tasks?

RISK, Inc. uses Procedural PHAs to assist clients with a more in-depth look at what could go wrong. In this webinar we share how Procedural PHAs are an excellent tool for non-standard operations and ways this approach can help you identify improvements for your procedural heavy processes.

Procedural PHAs are valuable in examining procedures when writing or updating to verify if sufficient safeguards are in place during the operation in question. Historically 70% of major accidents occurred during non-routine operations. Over the past ten years over 40% of the incidents reviewed by the Chemical Safety Board (CSB) occurred during non-routine operations. Using a Procedural PHA to review those operations can help identify hazards and missing safeguards, thus preventing or lessening incidents.

What clients tell us about our support: “RISK is a trusted partner for our company. Their team has been significant to the success of our process safety journey. They listen to our needs and consistently deliver high quality results in a timely fashion.”

What attendees tell us about our webinars: “I am pleased to share with you that I have acquired Hazop/LOPA leader or chair certificate. You are one of my inspirations. Thanks for sharing knowledge and adding value.”

Presenter

Ms. Rene' Murata, CEO/Owner of RISK will lead the presentation. She is an experienced hazard and risk assessment consultant providing technical expertise in process safety and risk management, petroleum, environmental and electrical engineering. She has in-depth experience facilitating PHAs and LOPAs. Process safety became a personal mission when she and her husband worked at the same refinery, and he experienced a serious near miss accident.

Who Should Attend?

Invite PSM managers, process engineers, EHS Managers, . . . anyone responsible for facilitating and/or managing procedural reviews and procedural heavy PHAs .

For questions: Contact Janet Benaquisto at Janet.Benaquiso@psmrisk.com