Cause Analysis Training
4-Day Root Cause Analysis Fundamentals

Learn from instructors with extensive real-life experience across multiple industries the proven root cause analysis techniques and best practices to effectively solve consequential problems. This course consists of instruction and practical exercises designed to provide students with basic concept knowledge and application practice in conducting root cause analyses.

Benefits:

- Improved performance by enhancing the ability of the organization to learn from consequential equipment, human performance, program, and organizational failures
- Cost avoidance by providing staff with the tools and practices to learn from costly and consequential failures and preventing their recurrence
- Improved organizational resilience so that problems are found and corrected before they become consequential and result in future events.

Who Should Attend:

- Personnel who are tasked with leading teams to solve important equipment, human performance, and organizational issues
- Leaders and staff who develop, implement, mentor, or provide oversight for continuous learning and performance improvement programs
- Corrective Action Program leaders and staff

Class Description:

Course introduction - introduces key concepts associated with cause analysis including definitions of key terms, alignment regarding the intent of the investigation process, process flow and timeline, attributes of effective cause analysis, importance of the right mindset when evaluating consequential events, safety culture evaluation, and a practical exercise.

Human Performance, Programmatic, and Organizational Analysis – describes the relationship between behavior and performance and relates them to human aspects of events, provides a model that can be used for most task-oriented events and includes exercises to tie human performance concepts to cause analysis. Discusses fundamental principles related to evaluation of programmatic and organizational issues.

Cause Analysis Techniques – presents commonly used analysis techniques and incorporates these techniques into practical exercises.

Interviewing Techniques - provides the necessary steps to conduct an effective interview focusing on the human aspect of being interviewed and what the interviewer can do to get the most out of the interviewee. This includes an exercise that combines interviewing techniques with the previously covered analysis techniques.

Comprehensive Final Exercise that requires students to apply all the principles learned to an event at the root cause level of effort.

The maximum class size is limited to 12 students to ensure individualized attention during classroom instruction and exercises.