



Course Length: 1Day
Accreditation: .7 CEUs

Contact AcuTech Training Institute for more information about future classes or about conducting this training in-house.

Email ati@acutech-consulting.com

Course Description

Process safety incidents are rarely caused by a single catastrophic failure. Simultaneous or sequential failures of multiple process safety management systems cause catastrophic accidents in the process industries. An essential element of any process safety program is the measure of program performance through the use of leading and lagging indicators.

The BP US Refineries Independent Safety Review Panel (“Baker Panel”) and the US Chemical Safety Board each recommended improved industry-wide process safety metrics in their final report on the 2005 explosion at the BP Texas City Refinery.

AcuTech is the lead author of the new Center for Chemical Process Safety (CCPS) “*Guidelines for Process Safety Metrics*”, which includes information and strategies companies can use to develop process safety metrics, and a set of common definitions and threshold levels to allow for internal and company-to-company benchmarking of performance.

Course Benefits:

- Understand why it is important to develop and implement process safety indicators
- Acquire the knowledge necessary to understand how a combination of leading, near miss, and lagging indicators can improve your organization’s process safety performance
- Build on your fundamental knowledge of process safety to learn the criteria and characteristics of useful and credible process safety metrics
- Learn how to choose appropriate process safety metrics for your organization
- Understand various aspects of reporting process safety metrics throughout your organization, from front line supervision to the board level
- Develop a strategy for efficient and effective implementation of a process safety metrics program
- AcuTech certification of participation.