



Course Description

Course Length: 2 Days

Accreditation: 1.4 CEUs

***“You don’t
want to miss
this course!”***

***Huntsman
Chemical***

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

Email ati@acutech-consulting.com

One of the cornerstones of a sound PSM program is a sound Mechanical Integrity Program. This class focuses on the Mechanical Integrity Program Management. Mechanical integrity is a "condition" or state of a process or equipment which indicates that it is capable of full operations and is operating within the manufacturers' operating tolerances. Specifically, the Mechanical Integrity Program is aimed at ensuring that critical process equipment and components are: designed, fabricated, installed, inspected, tested, maintained, repaired, and decommissioned in a manner which preserves the originally intended integrity of the equipment, and by personnel who are properly trained and qualified to perform the necessary activities. Mechanical integrity activities span the entire life cycle of a covered process.

Course topics include: definition and interpretations of the Mechanical Integrity (MI) element of the PSM Standard, how to develop and implement the policies, practices, and procedures necessary for an effective MI program, and examples of industry best practices in MI programs. The program introduces the concepts of reliability centered maintenance (RCM) and risk-based inspections (RBI) and provides some guidance on how to employ these techniques in designing a MI program.

Course Benefits:

- Understand clearly what is required in a MI program.
- Receive a current update on OSHA's clarifications and interpretations of the MI element.
- Understand how to develop and implement the policies, practices, and procedures necessary for an effective MI program.
- Learn about examples of industry best practices in MI programs.
- Receive information on several "advanced" topics related closely to PSM: RCM, RBI, and the impact of ISA S84.01 (Safety Instrumented Systems guidelines).
- AcuTech certification of team leaders to demonstrate evidence of competency.