

Alarm Management 2-Day Course

Program Content:

This course provides an introduction to industry standard alarm management practices, with primary focus on the lifecycle steps in the ISA18.2 standard *Management of Alarm Systems for the Process Industries*. The major lifecycle steps will be explained, and exercises will illustrate alarm philosophy development, rationalization, and bad actor resolution.

Day 1:

- Alarm Management Overview
 - History and Purpose
 - Regulatory Requirements
 - Timeline
- Standards / Guidelines
 - ISA 18.2
 - Others
- ISA 18.2 Lifecycle
 - Philosophy and Identification
 - Rationalization
 - Detailed Design and HMI Design
 - Enhanced and Advanced Alarming
 - Implementation
 - Operation and Maintenance
 - Monitoring and Assessment
 - Management of Change
 - Lifecycle Entry Points

Day 2:

- Safety Alarms
 - ISA 18.2 references/requirements
 - ISA84 references/requirements
- Alarm Management Steps—Examples
 - Philosophy
 - Rationalization
 - Bad Actor Resolution
 - Continuous Improvement
- Wrap-up

Who Should Attend?

PSM managers, alarm specialists, SIS design and maintenance personnel, instrumentation and controls engineers and specialists

1.4
CEUs

14
PDHs