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

**Dates:**
February 2-3, 2015

**Location:**
SIS-TECH Solutions; Houston, TX