Alarm Management

This course from PAS (www.pas.com), the leaders in Alarm Management, will thoroughly cover the seven steps needed for an effective Alarm Management system. Basic and advanced topics on alarm management are covered, including details on understanding and applying the ANSI/ISA-18.2 standard on Alarm Management for the Process Industries. This course will provide a full understanding of effective alarm management, including business issues, industry standards and regulations, best practices, knowledge exchange, and a rigorous seven step methodology for achieving a highly effective alarm system. The course includes a copy of The Alarm Management Handbook, Second Edition.

Overview

Alarm systems have developed over the last decade from hard wired indicators which were costly to configure and had limited space, to the cheap and highly configurable SCADA interfaces commonly implemented today. This transition has largely gone unregulated by company standards leading to the blanket implementation of alarms for everything and anything available without fully considering the impact on the operator. The result of this will impact the safety of a process plant through uncontrolled alarm changes and alarm flooding

The objectives of this Alarm Management course are to develop the skills necessary to implement a site standard for alarm configuration, to be able to assess the performance of the current alarm system and to review existing alarms for their relevance. It will teach the participants how to regain control of site alarm systems and how to provide operators with only the relevant information they require.

Course Content (2 days)

- Introduction to Alarm Management
- The 7-step process for effectively and efficiently addressing alarm system problems
- The ANSI/ISA-18.2 / IEC 62682 Standards on Alarm Management — Why are there two standards?, Content of the Standards, Regulatory Implications for Existing Systems, The "Life Cycle" Approach, Mandatory and Recommended Elements, Concepts and Clarifications
- Developing a Comprehensive Alarm Philosophy
- Alarm Analysis: Baseline and Benchmarking
- Alarm Bad Actor Resolution
- Alarm Documentation and Rationalization, including cost-effective staged approaches
- Alarm Audit and Enforcement
- Advanced, Real-Time Alarm Management Techniques
- Management of Change of an alarm system
- Justifying Alarm Management Projects

Safety Solutions Ltd are New Zealand's leading Process Safety consultants and trainers.

As part of our consultancy portfolio, Safety Solutions Ltd can facilitate a wide range of risk assessment and hazard identification reviews. We can also mentor your team and your facilitators in review facilitation.

Our training courses are also offered as in-house courses with industry specific examples and workshops. For more information about any of our courses please contact Safety Solutions:

E: training@safetysolutions.co.nz
W: www.safetysolutions.co.nz

Other courses by Safety Solutions

- Introduction to Process Safety (1 day)
- Hazardous Area Classification (2 days)
- HAZOP Participants (1 day)
- HAZOP Leader (2 days)
- Advanced HAZOP (1 day)
- SIL Facilitator (2 days)

Delivered by Safety Solutions for

- Fundamentals of Process Safety (5 days)
- Layer of Protection Analysis (2 days)

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