

# Introduction to Process Safety for Leadership



**Investigations into process safety incidents have highlighted the importance of a clear understanding of the principles of process safety management throughout the leadership of an organisation. Whilst process safety principles must be practised by all, it is the leadership of an organisation that has the greatest influence on process safety standards and behaviour.**

## Overview

Company leaders are responsible to ensure the performance of process safety at their facilities. Poor process safety management can lead to catastrophic events resulting in multiple injuries and fatalities. Because process safety events occur rarely (in comparison to occupational safety events), continuous commitment is required to ensure the management systems that prevent these events are working. This commitment starts at the top of an organisation.

Process safety management focuses on the design and engineering of facilities, hazard assessments, incident investigation, management of change, inspection, testing and maintenance of equipment, effective process controls and alarms, operating and maintenance procedures, training of personnel, and human factors.

This one day training course will provide company leaders with an overview of process safety principles and their application across the life cycle of a process plant. It combines delivery of content with interactive workshops that debate the real issues faced by leadership.

### Course Objectives:

- Develop understanding of the principles of process safety management, of human factors and how the safety culture affects performance
- Raise leader awareness of the process safety hazards of the business and of their role in managing these hazards



## Course Content (1 day)

- Importance of Process Safety
- Process Safety Fundamentals
- Legal Framework
- Management Responsibility
- Process Safety Leadership
- Process Safety Framework & Management
- Key Performance Indicators
- ALARP: Are you doing enough?
- Operations & Human Factors
- Management of Change

Maximum number of attendees: 30



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

As part of our consultancy portfolio, Safety Solutions Ltd can offer to perform an independent audit on your company's process safety management systems. We also provide support with establishing safety cases.

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](mailto:training@safetysolutions.co.nz)

W: [www.safetysolutions.co.nz](http://www.safetysolutions.co.nz)

## Other courses by Safety Solutions

- Introduction to Process Safety for Operators & Engineers (1 day)
- Hazardous Area Classification (2 days)
- HAZP Participants (1 day)
- HAZOP Leader (2 days)
- Advanced HAZOP (1 day)
- SIL Facilitators (2 days)
- Risk Assessment (2 days)

## Delivered by Safety Solutions for IChemE

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