

## Introduction to Process Safety - Module 1 Online Training

### COURSE DESCRIPTION

R4Risk's process safety online live training (i.e. not pre-recorded) is designed to provide an introduction to key Process Safety Management (PSM) concepts. The course will be delivered across two half-day sessions.

### WHO SHOULD ATTEND?

This training course is designed for those who are new to process safety concepts and/or have not worked in process industries. This includes those involved in the design, operation, maintenance and management of hazardous process plants, refineries, chemical plants, oil and gas facilities, petrochemical / LPG terminals and process plants at mines.

Those who would benefit from this course include:

- Plant managers and supervisors
- Graduate plant and process engineers
- Graduate design engineers
- Health and safety managers
- Maintenance supervisors.

### COURSE CONTENT

This interactive training course covers a range of essential topics, including:

- Importance of PSM
- Lessons from disasters
- Basic principles on fire, explosion and toxicity hazards
- Principles of design for process safety
- Technical risk assessment
- Management systems.



### LEARNING OUTCOMES

Learning outcomes from the Introduction to Process Safety course include an overview of the following key principles:

- What is process safety management
- Process safety hazards
- PSM leadership and culture
- Hazard identification and risk assessment techniques
- Control of risk and adequacy of control measures
- Process safety design
- Process safety competency
- Critical process safety management elements.



### COMPANY-BASED TRAINING

If you have several colleagues interested in this course, R4Risk can provide company-based training.

Please contact our office to discuss your requirements.

### TRAINING DATES

Please refer to the R4Risk training website page for training dates.

### COST

The cost (incl. GST) of this training is \$1,000 per participant

This includes PDF versions of all presentation slides and supporting materials, as well as an e-certificate of attendance at completion of the training.

### REGISTER

To register, please complete the online registration form on our [R4Risk website](https://www.r4risk.com.au). For individual training enquiries, please email [training@r4risk.com.au](mailto:training@r4risk.com.au)