

Introduction

This course will equip learners with a broad understanding of the accepted principles and recognised industrial practices for the management of process risk. This means they will be able to recognise and contribute to the control of process safety hazards. NEBOSH has joined forces with Great Britain's Health and Safety Regulator, the Health and Safety Executive (HSE) to develop this course with a combination of their expertise.

Who is the course for?

This course is for people around the world who work in process industries such as oil and gas, chemicals, plastics and pharmaceuticals. It is not designed for chemical and process safety engineers experienced in the specification, design and maintenance of process plant. We recommend learners have an underpinning knowledge of health and safety principles. Previous achievement of the NGC or IGC is recommended.

Benefits for Learners

- ▶ Savings on travel and accommodation
- ▶ More cost efficient than sending individuals on courses and a cheaper delegate cost (when training 4+ delegates)
- ▶ No minimum number of delegates required
- ▶ The support of a qualified Astutis Consultant at every step of the way
- ▶ More relevant - discussions and examples relate to the challenges and situations experienced by the group
- ▶ You choose the dates, timescales and delivery pattern!

Learning Outcomes

This course will give learners an understanding of the following key topics:

- ▶ Establishment of process management systems.
- ▶ Asset management and maintenance strategies.
- ▶ Safe start-up and shutdown of process plant.
- ▶ Performance standards for safety critical systems and equipment.
- ▶ Hazards and controls for; chemical reactions, bulk storage of dangerous substances, fire and explosion.
- ▶ Purpose and features of emergency plans.

Course Key Facts

Duration: four days

Course Content

PSMI: Process Safety Management:

- ▶ Process Safety Leadership
- ▶ Management of Process Risk
- ▶ Process Safety Hazard Control
- ▶ Fire Protection and Emergency Response

Assessment

The course is assessed with a 90 minute, 40 question multiple choice exam.