

# NEBOSH HSE Certificate in Process Safety Management

# Astutis.

Learning Method: Online 

## 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 Employers

- ▶ Have confidence in your employees to handle process hazards.
- ▶ Remain compliant with health and safety regulations.
- ▶ Provide your customers with the peace of mind they deserve when on your premises.
- ▶ Become a corporate leader in process safety awareness and be seen as a proactive business that protects your employees.

## 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:** 53 hours

### Course Content

PSM1: 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.

## Benefits of Online Learning

- ▶ Learners are gifted with complete control over their studies, choosing where and when to learn as they desire.
- ▶ With online training, organisations can have complete oversight over staff progress, with insightful reports analysing their workforce's efforts.
- ▶ Incredible cost-effectiveness when compared to alternative learning methods, especially classroom learning.
- ▶ Engaging, proactive activities heighten learner retention.
- ▶ Astutis Learning Checks strategically located throughout the course ensure learners can only move on when ready.
- ▶ Those who work from home can play an active role in the training, unlike before.

## Features of an Online Course

- ▶ **Learning checks** – built into the course to check your knowledge.
- ▶ **Mind map activities** – helps summarise the main points visually and aids your memory.
- ▶ **Listing activities** – easy to digest information through key points.
- ▶ **Categorising activities** – making it easier for you to recall ideas or process information.
- ▶ **Activity positioning** – activities are spread throughout the course, helping you embed your learning before moving on to the next section.
- ▶ Watch a variety of talking heads, key concept videos and process safety case studies.
- ▶ 6 months of unlimited access to an **award-winning Learning Management System (LMS)**.

