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NEBOSH, the National Examination Board in Occupational Safety and Health, is a world leading provider of Health, Safety, Environmental and Wellbeing qualifications.

Registered in England and Wales | Company number: 2698100 | Registered charity number: 1010444

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0559.01/130324

TRAINING AND EVENTS FROM HSE

NEBOSH HSE Certificate in Process Safety Management



Certificate

Globally recognised health, safety, environmental, risk and wellbeing qualifications

NEBOSH, together with Great Britain's health and safety regulator, the Health and Safety Executive (HSE), has developed a process safety management qualification, specifically for those working in the process industries.

Process safety management is a blend of engineering and management skills. It focuses on the prevention of catastrophic accidents and near misses associated with loss of containment of energy or dangerous substances, such as chemicals and hydrocarbons.

What kind of people should take the NEBOSH HSE Certificate in Process Safety Management?

People from all around the world who work in process industries, such as oil and gas refining, chemicals, plastics and pharmaceuticals manufacturing. Given the hazardous nature of these industries, this qualification has been designed to provide managers, supervisors and safety professionals with information about how process safety differs from occupational health and safety. It will equip them with the knowledge to be able to contribute to the effective management of process safety within their organisations.

This qualification is not designed for process safety or chemical engineers with extensive operational experience of working within the processing environment.

It is advised that learners should already have an underpinning knowledge of health and safety, and many will hold another NEBOSH qualification (such as a NEBOSH General Certificate).

What will I gain from this qualification?

Knowledge – The NEBOSH HSE Certificate in Process Safety Management is designed to provide a sound breadth of knowledge that will allow you to contribute to the effective management of process safety risks.

Recognition – This qualification is the result of a unique collaboration which combines the advanced technical 'high hazard' expertise of HSE with NEBOSH's ability to deliver strong vocational OSH qualifications. HSE has led the way in risk-based regulation, underpinned by the fundamental principle of UK health and safety law – those who create risks are best placed to control them and should do so in a proportionate and practical way.

Career development – Process safety management is of vital importance in hazardous process industries, such as oil and gas refining, chemicals, plastics and pharmaceuticals manufacturing. Holding a qualification designed and assessed by NEBOSH and HSE can help you stand out.

What will my employer gain from this qualification?

A safer workplace – The NEBOSH HSE Certificate in Process Safety Management is all about keeping people safe from injury and loss of life. For employers, this also means protecting valuable assets and avoiding prosecution, litigation and loss of reputation.

Assurance – An employer whose workers are NEBOSH qualified is an employer committed to process safety management. The NEBOSH HSE Certificate in Process Safety Management can help employers achieve international standards and can even help win new business.

What does the course cover and how is it assessed?

This qualification is designed to cover a range of issues affecting process industries. Topics include:

- Establishment of process management systems
- Asset management and maintenance strategies
- Start-up and shut-down 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

Assessment for this qualification is a 90-minute multiple choice examination.

Where can I take a course leading to the NEBOSH HSE Certificate in Process Safety Management?

Details of NEBOSH Learning Partners throughout the world can be found on NEBOSH's website. Please contact the Learning Partners directly to find out how their course will be structured.

Where can I find out more?

Further details, including a Guide to the NEBOSH Certificate in Process Safety Management, can be found here:

www.nebosh.org.uk/psm

"The NEBOSH HSE Certificate in Process Safety Management definitely enhanced my career. I started to look at safety at my facilities differently and made it my mission to increase everyone else's knowledge of process safety. It is integral to how my part of Biffa works, so this qualification had a huge impact for me and our operations – it was a win-win for all of us!"

Nicola Curtis, Head of Health and Safety, Biffa