NEBOSH Process Safety Management -PSM

NEBOSH PSM UPCOMING Examination

NEBOSH Process Safety Management 90minutes multiple choice assessments can now be completed online. Assessments are taken after completion of the course learning. Assessments are held monthly, with the assessment being available for 24 hour period. You will be able to start your assessment at any time during this 24hour window, but will have 90 minutes in total to complete your assessment.

More information, including upcoming assessment dates are available on the NEBOSH website

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

Assessment date	Result notification date
Wednesday 22 April 2026	Thursday 14 May 2026
Wednesday 27 May 2026	Wednesday 17 June 2026
Wednesday 24 June 2026	Wednesday 15 July 2026
Wednesday 22 July 2026	Wednesday 12 August 2026
Wednesday 26 August 2026	Thursday 17 September 2026
Wednesday 23 September 2026	Wednesday 14 October 2026
Wednesday 28 October 2026	Wednesday 18 November 2026
Wednesday 25 November 2026	Wednesday 16 December 2026
Wednesday 16 December 2026	Thursday 14 January 2027

This qualification is designed to deliver the participants with a sound knowledge of process safety management that ensures the effective contribution of the individual in managing process safety risks. NEBOSH process Safety Management (NEBOSH PSM) is a new specialist occupational health and safety qualification that provides a broad knowledge of the accepted principles and recognized Industrial practices for process risk management.

Delivering a blend of engineering and management skills, NEBOSH process Safety Management (NEBOSH PSM) emphasizes preventing catastrophic accidents and near misses that are related to the loss of containment of energy or dangerous substances like hydrocarbons, petroleum products, and chemicals. This qualification builds on the knowledge and understanding already obtained from NEBOSH National and International General Certificate in Occupational Health and Safety.

The knowledge gained from this qualification helps the participants to recognize and contribute to the effective control of process safety hazards and bring real impacts within the organization. The course offers a great deal of benefits to those health and safety aspirants who intended to implement effective process safety management.

NEBOSH PSM Online Training Course

PDIMT a convenient mode of online learning to make learning easy. Our experienced NEBOSH tutors provide virtual classes that allow completing the training from the comfort of your workplace. The virtual live sessions are complemented by interactive e-learning and our extensive resources of audio, videos, practice tests, and case studies ensure that you gain all the benefits of a traditional classroom, yet in your convenient place of learning.

You can study at your own pace with our exclusive online training course designed for everyone.

Benefits of NEBOSH PSM

NEBOSH Process Safety Management (NEBOSH PSM) is designed to delegate process safety knowledge to the help them efficiently manage their process safety responsibilities.

Knowledge and Skills

- A good breath of knowledge of recognizing and effective contribution in the management of process safety risks.
- Gives learning on how to control risks in a proportionate as well as in practical way.
- Individuals with NEBOSH HSE certificate in PSM will have their practical knowledge bringing true value to process safety.

Career Opportunities

- Valued by global employers and hence boosts your career prospects.
- An ideal course of choice for improved opportunities in oil and gas, refinery, offshore and petroleum & process industries.
- Quickly progress as a professional health and safety practitioner within your organization.

Recognition

- This qualification id the blend of advanced technical “high hazard” expertise of the HSE along with the power of NEBOSH that provides strong vocational OSH qualifications.

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 qualification .HSE has led this 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, Topic 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.

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Who is the qualification designed for?

It is designed for people who work in process industries such as oil and gas refining, chemicals, plastics and pharmaceuticals manufacturing. It is suitable for managers, supervisors, and safety representative and health and safety advisors working within the process industries, both inside and outside the UK.

It is not designed for chemical and process safety engineers experienced in the specification, design, and maintenance of process plant.

Benefits for you

The NEBOSH HSE Certificate in process Safety Management will provide you with a sound breadth of knowledge and understanding which will enable you to contribute to the management of process safety risks.

You will learn about:-

- Process safety management system establishment
- 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.

Benefits for your employer

The Process safety industry is high hazard, so having qualified people to manage activities within the industry will lead to safer workplaces. This will help to prevent loss of life, protect valuable assets and help organisations avoid prosecution, and ultimately loss of reputation.

People who hold the NEBOSH HSE Certificate in process Safety Management have Practical knowledge that brings real value, wherever they operate. This can help employers achieve international standards and can even help win new business.

Notional learning hours

A programme of study needs to be based around a minimum of 28 taught hours and approximately 20 hours of private study for n overall total of 48hours.
A full-time block release course would be expected to last for a minimum of four working days, and a part-tie day release course would be spread over at least four weeks. Please contact your Learning Partner for more information on the structure of their course.

Achieving the qualification

The qualification has one unit assessment a 90 minute online multiple-choice assessment .Sample assessment questions are available to download from the NEBOSH website.

The question paper consists of 40multiple –choice questions; 10 of which are extended scenario questions. Each question is worth one mark and has one correct and three incorrect responses available. The question paper covers the whole syllabus with at least one question per element.All question is compulsory. It is a closed –book assessment, so you will not be able to refer to your course book and notes.

You must achieve a 'pass' (60% or higher) in order to be awarded the qualification.

Registration:

Your Learning Partner will register you for the PSM1unit assessment .Registration can be made at any time pre-course delivery and up 10 working days post-assessment.

Submission of the assessment

You will complete your assessment online, and submit your assessment through an online assessment platform for marking.

Marking

Your assessment is marked by NEBOSH .You will receive a 'pass' (60% or higher) or 'Refer' (59% or lower) for your assessment. Your Learning Partner will provide you with more support in the event of a referral result, and register you for another date to re-sit your assessment.

Results

You will receive your results within 15 working days of sitting the examination. Once you have achieved a Pass., a qualification parchment will be issued. This is normally within 20 working days of confirmation of the successful PSM1 unit.

Re-sitting units

You may re-sit your unit assessment, if you were referred. There is no limit to the number of times you can re-sit a unit.

Individual learner feedback

For more information on the assessment feedback provided for this qualification, please visit the NEBOSH website.

syllabus

Syllabus

The syllabus and accompanying course book have been developed by NEBOSH in conjunction with Great Britain's Health and Safety Regulator, the Health and Safety Executive (HSE) , and are based on published HSE guidance.

Syllabus Summary

Element		Recommended tuitions hours
1	Process Safety management	4
2	Management Process risk	9
3	Process safety hazard control	10
4	Fire and protection emergency response	5
	Minimum unit tuition time	28
	Recommended private study time	20

Learning Outcome and assessment Criteria

Learning Outcome The learner will be able to:	Related Content	Assessment criteria
Advise on the difference between process safety and personal safety	1.1	Define process safety and process safety management systems. Identify the difference between process safety and personal safety.
Advise on the importance of leadership in assigning roles, responsibilities and resources to improve safety standards and positively influence organizational culture.	1.2	Understand the role of leadership in process safety management.
Advise on the importance of Organisational learning from lessons learned, accident and incident investigations, benchmarking standards, and sources of process safety information.	1.3	Give the purpose of sharing lessons learnt, accident and incident investigation findings, benchmarking standards, and sources of process safety information within an organisation.
Understand how 'change' should be managed to effectively reduce risks to people and plant.	1.4	Identify how change should be managed in order to effectively reduce risks to people and plant.
Help their organisation to understand the importance of worker and contractor consultation.	1.5	Identify the benefits and limitation of worker consultation in process safety. Define the roles and responsibilities of common worker consultation groups.

Advise on the importance of competence and training.	**1.6**	**Define competence and its importance in process safety.** **Recognise the importance of training and development programmes in reducing process safety risk.**
Understand the purpose and importance of establishing a process safety management system.	**2.1**	**Identify the purpose and importance of establishing a process safety management system.** **Define the key elements of a process safety management system and how they are applied.**
Recognise common risk management technique to reduce process safety risk.	**2.2**	**Define the principle of the risk assessment process.** **Identify common risk management techniques and how they are applied in process industries.**
Understand what effective asset management, plant maintenance and inspection strategies would consider.	**2.3**	**Know the importance of asset integrity management.** **Recognise how effective maintenance strategies for process plant should be developed.**
Understand the essential nature of permit –to-work systems, and the key features that they should contain.	**2.4**	**Give the role, function and operation of a permit –to-work system.**
Recognise how shift handovers should be safely managed.	**2.5**	**Understand the key principles of safe shift handover.**
Help their organisation manage contractors.	**2.6**	**Provide the principle of selecting, assessing and managing contractors.**
Advise how operating procedures should be written and applied.	**3.1**	**Know the purpose and requirements of standars operating procedures.**
Recognise suitable control measures for an organisation's start –up and shut-down processes.	**3.2**	**Identify suitable control measures that should be applied to ensure the start-up and shut-down of process plant.**
Understand the importance of performance standards for safety critical systems and equipment.	**3.3**	**Identify the necessity for performance standards for safety critical systems and equipment.** **Define the concept of 'FARSI' and how it is applied.**
Recognise hazards associated with the use of steam and water in the process industries, and suitable control measures to reduce risk.	**3.4**	**Recognise the hazards associated with the use of steam and water within the process industries.** **Recognise suitable control measures that should be applied to reduce the risks associated with the use of steam and water within the process industries.**
Recognise hazards associated with the use of electricity and static electricity in the process industries,	**3.5**	**Recognise the hazards associated with the use of electricity and static electricity within process industries.**

and suitable control measures to reduce risk.		**Recognise suitable control measures that should be applied to reduce the risks associated with the use of electricity and static electricity within process industries.**
Recognise the risks associated with dangerous substances in the process industries.	**3.6**	**Recognise the physical forms of dangerous substances and how these can determine process risk.**
Recognise hazards associated with chemical reactions, and suitable protective measures to mitigate the consequences of a thermal runway reaction.	**3.7**	**Recognise the hazards associated with chemical reactions.** **Recognise suitable protective measures that should be applied to mitigate the consequences of a thermal runway reaction.**
Recognise hazards associated with bulk storage of dangerous substances, and suitable control measures to reduce risk.	**3.8**	**Recognise the hazards associated with the bulk storage of dangerous substances.** **Recognise suitable control measures that should be applied to reduce the risks associated with bulk storage of dangerous substances.**
Recognise fire and explosion hazards within the process industries.	**4.1**	**Identify how fire and explosions can occur in process industries.**
Recognise suitable control measures to minimise the effects of fire and explosion in the process industries.	**4.2**	**Give suitable control measures that should be applied to reduce fire and explosion risks.**
Recognise dust explosion hazards and suitable control measures to prevent and minimise explosion.	**4.3**	**Identify the principles of dust explosion and how they can occur.** **Identify suitable control measures that should be applied to prevent and minimise explosion.**
Contribute towards the development and maintenance of an organisation's emergency plan.	**4.4**	**Give the purpose, features and requirements for the implementation of an emergency plan.**