

NEBOSH HSE Certificate in Process Safety Management (PSM)

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 Formation

 Disponible à tout moment

 Certificat

 E-learning

 53 heures

 Réalisable en ligne

Référence de la formation: FR-SE55

Version: 16.03.2026. Vous trouverez toutes les informations actuelles sur <https://academie-fr.tuv.com/s/FR-SE55>

This course is designed to provide learners with a comprehensive understanding of the key principles and established industry practices for managing process risks. Participants will gain the ability to identify and help manage process safety hazards effectively. Developed in collaboration with the Health and Safety Executive (HSE), the UK's health and safety regulator, NEBOSH has combined their expertise to create this course.

The NEBOSH HSE Certificate in Process Management is becoming increasingly vital as the process industry continues to prosper. The course provides comprehensive training in one central unit.

The NEBOSH HSE Certificate in Process Management is recognised globally by employers and professional memberships. It continues to be seen as the perfect to improve all workforces in the processing industry.

Les objectifs

At the end of this course, participants will be able to:

- Understand the **fundamental principles of process safety management** within high-risk industries (oil and gas, chemical, plastics, and pharmaceutical sectors).
- Identify, assess, and contribute to the **control of process-related hazards** in industrial environments.
- Implement **process safety management systems** and associated performance standards.
- Develop a systematic approach to the **prevention of fires, explosions, and hazardous releases**.
- Understand **asset management**, maintenance strategies, and the safe start-up and shutdown of process plants.
- Actively participate in the development of **effective emergency response plans** and the promotion of a strong safety culture.

Le public ciblé

- Anyone working in **process industries** such as oil and gas, chemicals, plastics, pharmaceuticals, agrochemicals, and related sectors.
- **HSE managers**, supervisors, production engineers, or technicians who wish to deepen their understanding of process safety risks.
- **Organisations** seeking to train their teams in process risk management to comply with international standards.

Note: This course is **not designed for experienced process safety engineers** involved in the design, maintenance, or technical specification of process plants.

Les prérequis

- It is **recommended** that participants have a **basic understanding of health and safety principles**, particularly general prevention concepts.
- A **suitable level of English proficiency** is recommended to understand the course materials, videos, and online assessments.
- Prior achievement of a qualification such as the **NEBOSH International General Certificate (IGC)** or **National General Certificate (NGC)** is advantageous.

Le contenu de la formation

The course consists of one **central unit (PSM1)** divided into **four main sections**:

PSM1: Process Safety Management

Process Safety Leadership

- The role of leadership in shaping a strong safety culture.
- Management commitment and effective HSE communication.

Management of Process Risk

- Process safety management systems.
- Asset management and maintenance strategies.

- Safe start-up and shutdown of process plants.
- Risk assessment and control in process operations.

Process Safety Hazard Control

- Performance standards for safety-critical systems and equipment.
- Key hazards and their controls, including:

Chemical reactions,

Bulk storage of hazardous substances,

Fire and explosion prevention.

Fire Protection and Emergency Response

- Objectives and key features of emergency plans.
- Preparation, communication, and coordination during incidents.

Teaching Methods

- **Interactive online learning** including explanatory videos, case studies, practical exercises, and self-assessment activities.
- **Learning checks** built into the course to confirm understanding before progressing.
- **Visual learning tools** such as mind maps, categorisation tasks, and summarising activities to aid knowledge retention.
- **Case studies and video testimonials (“talking heads”)** to illustrate real-world industrial best practices.

Assessment Methods

- **Type of assessment:** Online multiple-choice examination.
- **Duration:** 90 minutes.
- **Format:** 40 multiple-choice questions covering all sections of the syllabus.
- **Frequency:** Exams available monthly.
- **Certification:** Successful candidates will be awarded the **NEBOSH HSE Certificate in Process Safety Management**.

Benefits of the Course:

- Gain a **comprehensive and structured understanding** of process safety management.
- Develop **practical, immediately applicable skills** for industrial settings.
- Obtain an **internationally recognised certification** in the field of process safety.

Certification:

Participants who successfully pass the examination will receive:

NEBOSH HSE Certificate in Process Safety Management

An **international qualification** jointly developed by **NEBOSH** and the **UK Health and Safety Executive (HSE)**, globally recognised by employers and professional.

Informations importantes

NEBOSH courses are offered in association with Astutis Ltd.

E-Learning: Approximative duration 53 hours.

Please contact us for prices and dates for Virtual classroom training with a trainer.

The durations indicated are approximate and based on a full learning day.

The program e-learning is delivered as a self-paced without an instructor. Participants may progress at their own pace once enrolled. Access provided to the platform is 6 months.

Recommended equipment for accessing the Training Area:

To get the most out of your online training, make sure you have the following equipment:

Computer: PC or Mac

Internet connection: stable and good quality

Web browser: recent version of Chrome, Firefox, Edge or Safari

Office suite: OpenOffice, Microsoft Office or equivalent (spreadsheet, word processing, presentation, etc.)

PDF reader: To view your training materials

Storage: File storage capacity (hard drive, cloud, etc.)

You can contact the TÜV Rheinland team for assistance in setting up your training course.

Tip: Make sure your hardware and software are up to date for an optimal experience!

If you have a disability, please contact us before registering by sending an email to formation@fr.tuv.com. We will do everything we can to meet your training needs.

Aperçu des dates et réservation

Réservez dès maintenant la date de votre choix directement en ligne sur <https://academie-fr.tuv.com/s/FR-SE55> et profitez de ces avantages :

- Processus de réservation rapide
- Compte client personnel
- Réservation simultanée pour plusieurs participant(e)s.

Vous pouvez également utiliser le formulaire de commande pour commander par e-mail.

Formulaire de commande Page 1/3

Je m'engage par ce document présent à m'inscrire à la formation suivante:

NEBOSH HSE Certificate in Process Safety Management (PSM)

Référence de la formation: FR-SE55

Veillez sélectionner votre session:

01/01/2025 - 31/12/2099, | Référence de la session: FR-SE55
800,00 € Prix HT 960,00 € Prix TTC

Vous trouverez toutes les informations complémentaires sur les dates sous <https://academie-fr.tuv.com/s/FR-SE55>.

Veillez nous envoyer **toutes les pages** du formulaire par e-mail pour commander le séminaire susmentionné.

E-mail:

formation@fr.tuv.com

Veillez saisir vos données de commande sur la page suivante.

Formulaire de commande Page 2/3

- Je commande en tant que consommateur (client privé)
- Je commande en tant qu'entreprise / administration (client professionnel)

Adresse de facturation

Nous utilisons ces données pour la confirmation de commande et la facturation.

Nom de l'entreprise ou de l'administration:

Département (optionnel):

Rue et numéro:

Code postal:

Ville:

Votre numéro de commande interne:

Numéro de TVA (optionnel):

vous pouvez indiquer ici un numéro de commande interne (numéro SAP, etc.) défini par votre entreprise. Nous indiquerons ce numéro sur la facture.

Vos coordonnées

Nous utilisons ces données pour la confirmation de commande et la facturation.

Civilité:

Prénom:

Nom de famille:

Adresse e-mail:

Numéro de téléphone (optionnel):

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Informations sur les participants

Je participerai moi-même au séminaire (coordonnées, comme indiqué ci-dessus).

La personne suivante doit participer au séminaire:

A ne remplir que si vous ne participez pas vous-même, mais qu'une autre personne participe.

Civilité:

Prénom:

Nom de famille:

Adresse e-mail:

Numéro de téléphone (optionnel):

Date de naissance (optionnel):

Lieu de naissance (optionnel):

Méthode de paiement: Facture

Pour les consommateurs, les informations sur le droit de rétractation s'appliquent et sont disponibles sous les CGV ci-jointes.

J'accepte par la présente les conditions générales de l'organisateur (<https://academie-fr.tuv.com/conditions-generales-vente>) décrites ci-après.

Lieu, date

Signature

Veillez nous envoyer **toutes les pages** du formulaire par e-mail pour commander le séminaire susmentionné.

E-mail:

formation@fr.tuv.com