



## HSE Certificate in Process Safety Management



## Syllabus Guide

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# HSE Certificate in Process Safety Management

NEBOSH HSE Certificate in Process Safety Management will give your staff a broad understanding of the accepted principles and recognised industrial practices for the management of process risk. Having this knowledge will mean they're able to recognise a process safety hazard and assist in providing a method to control and minimise this risk. It is highly beneficial to businesses to inform their staff in this way, particularly in the high hazard process safety industry.

## Full Course Syllabus

The qualification is a one unit qualification with Unit PSM1 being divided into four elements.

### Unit PSM1: Process Safety Management

#### Element 1: Process Safety Leadership

- 1.1: Process safety management meaning
- 1.2: Process safety leadership
- 1.3: Organisational learning
- 1.4: Management of change
- 1.5: Worker engagement
- 1.6: Competence

#### Element 2: Management of Process Risk

- 2.1: Establishing a process safety management system
- 2.2: Risk management techniques used within the process industries
- 2.3: Asset management and maintenance strategies
- 2.4: Role, purpose, and features of a permit-to-work system
- 2.5: Safe shift handover
- 2.6: Contractor management



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## Element 3: Process Safety Hazard Control

- 3.1: Operating procedures
- 3.2: Safe start-up and shut-down
- 3.3: Safety critical performance standards
- 3.4: Utilities
- 3.5: Electricity/static electricity
- 3.6: Dangerous substances
- 3.7: Reaction hazards
- 3.8: Bulk storage operations

## Element 4: Fire and Explosion Protection

- 4.1: Fire hazards
- 4.2: Fire and explosion control
- 4.3: Dust explosions
- 4.4: Emergency preparedness



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