



HSE Certificate in Process Safety Management



Syllabus Guide

Astutis.

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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