



Process Safety Management Certified by NEBOSH

The NEBOSH HSE Certificate in Process Safety Management qualification consists of one Unit with four elements:

- Process Safety Leadership
- Management of Process Risk
- Process Safety Hazard Control
- Fire Protection and Emergency Response

Outline

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

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

Assessment

The NEBOSH HSE Certificate in Process Safety Management is assessed by a 90 minute exam consisting of 40 multiple-choice questions.