

PROCESS SAFETY QUALIFICATIONS

With the growing requirement for organisations to demonstrate process safety competence at all levels, and a particular need for board and senior management to prove understanding and competence in process safety, we have developed a series of integrated qualifications within the UK's national framework for regulated qualifications.

The CIProS (Continuous Improvement in Process Safety) Qualifications Series enables your organisation to demonstrate management competence to the relevant regulatory bodies whilst truly enhancing individual staff development and leadership skills in process safety management. The qualifications cover all levels from senior executives to supervisors, across all disciplines, and will be of benefit to anyone with an active part to play in managing process safety.

The CIProS Qualifications comprise a Level 7 Award in Understanding Corporate Governance in Process Safety and Certificates and Diplomas in Continuous Improvement in Process Safety at Level 3 and Level 7.

The Level 7 qualifications are aimed at providing senior and middle managers, as well as those with more general responsibilities for process safety, with a wider understanding of the subject to help them to effectively manage process safety programmes and teams in accordance with recognised good practice guidance.

The Level 3 qualifications are aimed at providing front line personnel in safety critical roles, through to middle managers of all disciplines, with a wider understanding of process safety management issues.

The structure and content have been developed to build on the Cogent Skills accredited awareness training in Process Safety Leadership (PSL) and Process Safety Management Foundations (PSMF), placing greater emphasis on demonstration of good process safety management practice to deliver tangible business benefits. The qualifications were designed in direct response to industry research into process safety policy setting and deployment and have been deliberately aligned to support the Cogent Sector Skills Council's Gold Standard.

The qualifications have been developed in collaboration with PAA\VQ-SET, now GQA Qualifications, a national and independent specialist awarding body registered with and regulated by Ofqual, which is the regulator for all qualifications, examinations and assessments in England and vocational qualifications in Northern Ireland.

Collectively, the qualifications will help to:

- Improve understanding of policy setting and deployment in relation to process safety
- Align process safety with overall business aims
- Promote a culture of continuous improvement for process safety throughout the organisation
- Avoid reactive compliance by developing and sustaining proportionate solutions to safety issues
- Demonstrate compliance and commitment to stakeholders (including regulatory bodies)

The qualifications have been developed in response to industry research into the causes of major accidents around the world, taking into consideration the lessons learned and industry best practice.

CIPoS L7 Award: Corporate Governance in Process Safety

This Award is aimed at providing senior managers and board members with a wider understanding of Corporate Governance in Process Safety, to help them effectively manage process safety programmes and teams in accordance with recognised good practice guidance.

This qualification comprises one mandatory unit and will help the learners understand:

- Process safety leadership
- Process safety management effectiveness
- Process safety accountability

On attainment it will provide a demonstration of knowledge of the steps needed to embed Process Safety Management practices within business processes to maintain effective Corporate Governance.

CIPoS L7: Certificates and Diploma in Continuous Improvement in Process Safety

The CIPoS Level 7 qualifications comprise:

- Certificate in Understanding Continuous Improvement in Process Safety
- Diploma in Continuous Improvement in Process Safety.

Level 7 Certificate in Understanding Continuous Improvement in Process Safety

This Certificate provides a wider understanding of process safety for senior managers. Current models and approaches are examined together with their short and long term implications for process safety and the business overall.

It comprises four mandatory and four optional units, and learners are required to select one of the four options.

The four mandatory units cover:

- Understanding the business case for process safety
- Understanding compliant and sustainable process safety
- Understanding effective process safety management
- Understanding leadership and culture for process safety management

Learners will then choose one unit from the following four options:

- Understanding commitment to process safety management
- Understanding the impact of major accident hazards and risks on process safety management
- Understanding a risk-based approach to process safety management

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- Understanding best practice and deficiency correction to improve process safety management

On successful completion this qualification provides recognition of the knowledge of those individuals involved in process safety management and continuous improvement in process safety.

Level 7 Diploma in Continuous Improvement in Process Safety

This Diploma allows learners to build on the knowledge gained by completing the Certificate in Understanding Continuous Improvement in Process Safety. It will provide them with the necessary tools to implement and embed a culture of process safety and continuous improvement within their own organisations.

The learner must successfully complete the Level 7 Certificate in Understanding Continuous Improvement in Process Safety and then go on to complete four mandatory and one of four optional units.

The four mandatory units cover:

- Present the business case for process safety
- Embed sustainable process safety management
- Manage and assure process
- Leadership and culture for process safety management

Learners will then choose one unit from the following four options:

- Embed process safety commitment
- Maintain understanding of major accident hazards and risks and their impact in process safety
- Demonstrate a risk-based approach to process safety management
- Implement best practice and deficiency correction to improve process safety efforts

The Level 7 Diploma in Continuous Improvement in Process Safety will help to provide demonstration of competence in the subject.

CIPoS Level 3: Certificates and Diploma in Continuous Improvement in Process Safety

The CIPoS Level 3 qualifications comprise:

- Certificate in Continuous Improvement in Process Safety Fundamentals
- Diploma in Continuous Improvement in Process Safety

Level 3 Certificate in Continuous Improvement in Process Safety Fundamentals

This Certificate provides a wider understanding of process safety management issues. Current models and practices are examined together with their short and long term implications for process safety and the business overall.

The first Level 3 Certificate comprises four mandatory and six optional units, and learners are required to select one of the six options.

The four mandatory units cover:

- Understanding the key factors of Process Safety Management
- Understand Hazard Identification, Risk Assessment and Management of Risk
- Understand Process Safety Culture and Commitment
- Understand how to Implement Sustainable Improvements in Process Safety Management

Learners will then choose one unit from the following six options:

- Understand Process Safety Competence Management
- Understand Human Factors in Process Safety Management
- Understand Standard Operating Procedures for Process Safety Management
- Understand Asset Integrity in Process Safety Management
- Understand Process Safety Accident and Incident Investigation
- Understand Emergency Response Management

On successful completion this certificate will provide recognition of knowledge for those individuals involved in process safety management and continuous improvement in process safety.

Level 3 Diploma in Continuous Improvement in Process Safety

Learners that have completed the Certificate in Fundamentals, may consider continuing their studies to gain the Level 3 Diploma in Continuous Improvement in Process Safety.

This qualification will equip learners with the necessary tools to help identify strengths and improvement opportunities in order to assist with implementing and embedding a positive process safety culture and a process of continuous improvement within their own organisation.

The learner must successfully complete the Level 3 Certificate in Understanding Continuous Improvement in Process Safety and then go on to complete four mandatory units:

- Establishing requirements for Process Safety Management
- Carrying out Process Safety Gap Analysis Studies
- Identifying Process Safety Improvements
- Effective Communication of Process Safety Information

The Level 3 Diploma in Continuous Improvement in Process Safety will help to provide demonstration of competence in the subject.