

Summary of the:

GQA PAA\VQSET LEVEL 2 DIPLOMA IN PERFORMING PROCESS OPERATIONS WITHIN A REPLICATED WORK ENVIRONMENT- CHEMICAL PROCESSING

This qualification will provide recognition of the skills and knowledge of individuals who perform process operations within a replicated work environment. It covers responding to incidents, hazardous conditions and emergencies; handover; working in a team and identifying and dealing with hazards. The Chemical Processing pathway also covers preparing for, controlling and completing batch processing operations.

Establishing underpinning knowledge and understanding for individuals who perform process operations within a replicated work environment, this qualification is intended to be capable of delivery through both a taught programme of off-the-job learning or through workplace assessment (for those with access to the real workplace).

Learners must achieve 8 Mandatory Units. All 6 Pathway-Specific Mandatory Units must be achieved, and 2 Optional Units

Knowledge and competence units must be taken together i.e. if unit PIO 3.11k is chosen, unit PPO-R 3.11c must also be completed; and vice-versa

What is required from candidates?

Qualifications are made up of a number of units that have a credit value or credits.

These credits must be achieved in the correct combination from mandatory units: this qualification has 3 mandatory units

The units are made up of the things you need to know and the things you need to be able to do to carry out your job safely and correctly. These are called Learning Outcomes, and all must be met to achieve the unit.

Qualifications are now required to indicate the total qualification time (TQT), this is to show the typical time it will take someone to attain the required skills and knowledge to meet the qualification criteria, this qualification has a TQT of 430 hours.

Qualifications are also required to indicate the number of hours of teaching someone would normally need to receive in order to pass the qualification. These are referred to as Guided Learning Hours (GLH). The GLH for this qualification is 144 hours.

Unit Number	Unit Name	Credit
PIO 1.11k	How to Respond to Incidents, Hazardous Conditions and Emergencies within Processing Industries Environments	4
PPO-R 1.11c	Respond to Incidents, Hazardous Conditions and Emergencies within a Replicated Process/Production Environment	3
PIO 1.12k	How to Handover within Processing Industries Environments	2
PPO-R 1.12c	Handover within a Replicated Process/Production Environment	2
PIO 1.13k	How to Work Effectively in a Team within Processing Industries Environments	3
PPO-R 1.13c	Work Effectively in a Team within a Replicated Process/Production Environment	2
PIO 2.15k	How to Identify and Deal with Hazards in the Work Environment within Processing Industries Environments	2
PPO-R 2.15c	Identify and Deal with Hazards in the Work Environment within a Replicated Process/Production Environment	2
Chemical Processing Pathway - Mandatory Units		
CPPO 2.5k	How to Prepare for Processing within Processing Industries Environments	2
PPO-R 2.5c	Prepare for Batch Processing within a Replicated Process/Production Environment	2
CPPO 2.6k	How to Control, Monitor and Adjust the Processing Operation within Processing Industries Environments	3
PPO-R 2.6c	Control, Monitor and Adjust the Batch Processing Operation within a Replicated Process/Production Environment	3
CPPO 2.7k	How to Complete Processing Operation within Processing Industries Environments	2
PPO-R 2.7c	Complete the Batch Processing Operation within a Replicated Process/Production Environment	2
Optional Units		
CPPO 2.8k	How to Sample and Test Materials within Processing Industries Environments	3
PPO-R 2.8c	Sample and Test Materials within a Replicated Process/Production Environment	3
CPPO 2.10k	How to Clean and Prepare Complex Items of Plant and Equipment for Production within Processing Industries Environments	3

PPO-R 2.10c	Clean and Prepare Complex Items of Plant and Equipment for Production within a Replicated Process/Production Environment	3
PIO 3.11k	How to Solve Process Problems within Processing Industries Environments	5
PPO-R 3.11c	Solve Process Problems within a Replicated Process/Production Environment	4
PIO 3.13k	How to Conduct an Assessment of Risks in the Workplace within Processing Industries Environments	4
PPO-R 3.13c	Conduct an Assessment of Risks in the Workplace within a Replicated Process/Production Environment	3

Assessment Guidance:

Evidence should show that you can complete all of the learning outcomes for each unit being taken.

Types of evidence:

Evidence of performance and knowledge is required. Evidence of performance should be demonstrated by activities and outcomes, and should be generated in the workplace only, unless indicated under potential sources of evidence (see below). Evidence of knowledge can be demonstrated through performance or by responding to questions.

Quantity of evidence:

Evidence should show that you can meet the requirements of the units in a way that demonstrates that the standards can be achieved consistently over an appropriate period of time.

Potential sources of evidence:

The main source of evidence for each unit will be observation of the candidate's performance and knowledge demonstrated during the completion of the unit. This can be supplemented by the following types of physical or documentary evidence:

- Accident book/reporting systems
- Safety records
- Training records
- Audio records
- Job specifications and documentation
- Delivery Records
- Witness testimonies
- Correspondence with customers
- Notes and memos
- Photo/video evidence
- Work diaries
- Timesheets
- Telephone Logs
- Meeting records
- Records of toolbox talks
- Equipment
- Prepared materials and sites
- Completed work

Please Note that photocopied or downloaded documents such as manufacturers' or industry guidance, H&S policies, Risk Assessments etc, are not normally acceptable evidence for GQA unless accompanied by a record of a professional discussion or Assessor statement confirming candidate knowledge of the subject. If you are in any doubt about the validity of evidence, please contact your GQA External Verifier.

