



# Processing Industries Operations

## Qualification Structure

The Processing Industries Operations SVQs are available at Levels 2 to 4; at all levels candidates are required to complete Mandatory Units and then have a choice of Optional Units.

Document detail:

SVQ 2 in Processing Industries Operations Process Operations at SCQF Level 5

SVQ 3 in Processing Industries Operations Controlling Process Operations at SCQF Level 6

SVQ 4 in Processing Industries Operations Technical Support at SCQF Level 8

Who are the Qualifications for:

These qualifications provide recognition and accreditation for individuals working in a processing environment in the chemical, pharmaceutical, petrochemical and nuclear environments. These qualifications have been developed from the Cogent SSC National Occupational Standards for Processing Industries Operations and are available at Levels 2 to 4 to allow for progression. The level 4 is designed for individuals working at management and supervisory levels.

The above qualifications may be suitable for you if you have one of the following job roles:

- Chemical Plant Process Worker
- Chemical Engineer
- Chemical Engineering Technician
- Manufacturing Production Manager

Processing Industries Operations SVQ 2 at SCQF Level 5  
Process Operations G9NE 22

Last Registration Date 31<sup>st</sup> March 2015  
Last Certification Date 31<sup>st</sup> March 2017

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Total Number of Units Required: 9

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### Mandatory Units

- 1.11 Responding to Incidents, Hazardous Conditions and Emergencies in Processing Industries Operations
  - 1.12 Handover in Processing Industries Operations
  - 1.13 Working Effectively in a Team in Processing Industries Operations
  - 2.15 Identify and Deal with Hazards in the Work Environment in Processing Industries Operations
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### Optional Units

*5 units required where 3 of these must be job specific from Option A plus 2 further units from Option B.*

If unit 2.13 is chosen as an Optional Unit in Option A it may NOT be selected again in Option B

#### Option A (3 units required)

- 2.5 Prepare for Processing within Processing Industries Operations
- 2.6 Control, Monitor and Adjust the Processing Operation in Processing Industries Operations
- 2.7 Complete Processing Operation in Processing Industries Operations
- 2.13 Contribute to the Improvement of Routine Working Practices in Processing Industries Operations

#### Option B (2 units required)

- 2.1 Transfer Materials Into and Between Stages of Production in Processing Industries Operations
- 2.8 Sample and Test Materials in Processing Industries Operations
- 2.9 Separate and Dispose of Processing Materials, By-products and Wastes in Processing Industries Operations
- 2.10 Clean and Prepare Complex Items of Plant and Equipment for Production in Processing Industries Operations
- 2.11 Starting the Packaging Operations in Processing Industries Operations
- 2.12 Ending the Packaging Operations in Processing Industries Operations
- 2.13 Contribute to the Improvement of Routine Working Practices in Processing Industries Operations
- 2.14 Ensure Your Own Actions aim to Protect the Environment in Processing Industries Operations
- 2.16 Maintain the Condition of Engineering Assets in Processing Industries Operations
- 1.8 Work in Aseptic or Clean Room Conditions in Processing Industries Operations
- 3.15 Enable Learning Through Demonstrations and Instruction in Processing Industries Operations

Processing Industries Operations SVQ 3 at SCQF Level 6  
Controlling Process Operations G9NF 23

Last Registration Date 31<sup>st</sup> March 2015  
Last Certification Date 31<sup>st</sup> March 2019

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Total Number of Units Required: 10

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#### Mandatory Units

- 1.12 Handover in Processing Industries Operations
  - 1.13 Working Effectively in a Team in Processing Industries Operations
  - 3.10 Emergency Procedure in Processing Industries Operations
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#### Optional Units

7 units required where 3 of these must be job specific from Option A plus 4 further units from Option B.

If unit 3.6 is chosen as an Optional Unit in Option A it may NOT be selected again in Option B

##### Option A (3 units required)

- 3.1 Control Room Operations in Processing Industries Operations
- 3.3 Prepare for Complex Processing Operation in Processing Industries Operations
- 3.4 Control, Maintain and Restore Complex Processing Operation in Processing Industries Operations
- 3.5 Complete a Complex Processing Operation in Processing Industries Operations
- 3.6 Contribute to the Maintenance of Product Quality in Processing Industries Operations

##### Option B (4 units required)

- 2.10 Clean and Prepare Complex Items of Plant and Equipment for Production in Processing Industries Operations
- 2.14 Ensure Your Own Actions aim to Protect the Environment in Processing Industries Operations
- 3.2 Control Emergencies and Critical Situations in Processing Industries Operations
- 3.6 Contribute to the Maintenance of Product Quality in Processing Industries Operations
- 3.7 Plan to Maintain Product Integrity in Processing Industries Operations
- 3.9 Allocate Personnel to Maintain Processing in Processing Industries Operations
- 3.11 Solving Process Problems in Processing Industries Operations
- 3.12 Enable Individual Learning Through Coaching in Processing Industries Operations
- 3.13 Conduct an Assessment of Risks in the Workplace in Processing Industries Operations
- 3.14 Identify Improvements to Energy Efficiency in Processing Industries Operations
- 3.15 Enable Learning Through Demonstrations and Instruction in Processing Industries Operations

Processing Industries Operations SVQ 4 at SCQF Level 8  
Technical Support G9NG 24

Last Registration Date 31<sup>st</sup> March 2015  
Last Certification Date 31<sup>st</sup> March 2019

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Total Number of Units Required: 11

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#### Mandatory Units

- 1.12 Handover in Processing Industries Operations
  - 1.13 Working Effectively in a Team in Processing Industries Operations
  - 3.10 Emergency Procedure in Processing Industries Operations
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#### Optional Units

*8 units required where 3 of these must be job specific from Option A plus 5 further units from Option B.*

##### Option A (3 units required)

- 4.1 Develop and Monitor Plans and Procedures in Processing Industries Operations
- 4.4 Solve Operational Problems in Processing Industries Operations
- 4.5 Provide Technical Guidance and Support to Others in Processing Industries Operations

##### Option B (5 units required)

- 2.14 Ensure Your Own Actions aim to Protect the Environment in Processing Industries Operations
- 3.2 Control Emergencies and Critical Situations in Processing Industries Operations
- 3.9 Allocate Personnel to Maintain Processing in Processing Industries Operations
- 3.13 Conduct an Assessment of Risks in the Workplace in Processing Industries Operations
- 3.15 Enable Learning Through Demonstrations and Instruction in Processing Industries Operations
- 4.2 Contribute to the Commissioning and Optimisation of New or Modified Plant, Equipment and Processes in Processing Industries Operations
- 4.3 Respond to Process Problems in Processing Industries Operations
- 4.6 Develop and Update Standard Operating Procedure/s in Processing Industries Operations
- 4.7 Identify the Scope for Improvement in the Way the Organisation Manages Energy in Processing Industries Operations
- 4.8 Provide Advice on the Development and Implementation of Energy Policies in Processing Industries Operations
- 4.9 Monitor and Evaluate Energy Efficiency in Processing Industries Operations
- 4.10 Manage Continuous Quality Improvement in Processing Industries Operations
- 4.11 Implement Quality Assurance Systems in Processing Industries Operations
- 4.12 Provide Advice and Support for the Development and Implementation of Quality Systems in Processing Industries Operations