



Polymer Processing and Related Operations

Qualification Structure

Candidates are required to complete Mandatory Units and then have a choice of Optional Units.

Document detail:

Polymer Processing and Related Operations	Level 1	NVQ & SVQ
Polymer Processing and Related Operations	Level 2	NVQ & SVQ
Polymer Processing and Related Operations	Level 3	NVQ & SVQ

Who is the Qualification for:

These qualifications provide recognition of the knowledge and skills necessary for an operative in the polymers industry.

Polymer Processing and Related Operations	Level 1	Level 1
	100/5046/2 (NVQ)	G824 21 (SVQ)
Last Registration Date	31 st March 2011	31 st December 2011
Last Certification Date	31 st March 2012	31 st December 2013

Total Number of Units Required: 6

Mandatory Units

- M1 Meet safety, health and environmental requirements in the workplace
 - M2 Establish and maintain effective working relationships
 - M3 Contribute to the maintenance of product quality
 - M4 Contribute to the handover of production activities
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Optional Units

2 units to be taken

- B1 Prepare materials for processing according to instructions
- B2 Maintain stocks to specified levels
- B3 Move polymer materials or products
- B4 Prepare for a processing operation
- B5 Contribute to machine-based processing operation
- B6 Carry out a hand-based processing operation
- B7 Finish production components
- B8 Pack and store production components
- C20 Pick polymer stock and make up orders

Polymer Processing and Related Operations	Level 2	Level 2
	100/5047/4 (NVQ)	G823 22 (SVQ)
Last Registration Date	31 st March 2011	31 st December 2011
Last Certification Date	31 st March 2013	31 st December 2013

Total Number of Units Required: 7

Mandatory Units

- M1 Meet safety, health and environmental requirements in the workplace
 - M2 Establish and maintain effective working relationships
 - M5 Contribute to the efficiency and effectiveness of work
 - M6 Contribute to the monitoring and maintenance of product quality
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Optional Units

3 units to be taken:

- B1 Prepare materials for processing according to instructions
- C1 Accept, verify and store materials required for process operations
- C2 Supply materials required for process operations
- C3 Prepare to start up a machine-based production process
- C4 Start up and maintain a machine-based production process
- C5 Shutdown a machine-based production process
- C6 Select and prepare used products for processing
- C7 Prepare to produce products by hand-based operations
- C8 Produce products using hand-based operations
- C9 Finish products
- C10 Inspect products
- C11 Prepare to configure processing equipment
- C12 Configure processing equipment
- C13 Contribute to the provision of ancillary systems
- C14 Carry out simple sampling operations
- C15 Carry out simple testing operations
- C16 Assess data and produce reports
- C17 Contribute to the improvement of routine working practices
- C18 Maintain the condition of process equipment
- C19 Carry out routine servicing procedures on polymer process plant and equipment
- C20 Pick polymer stock and make up orders
- D10 Plan polymer processing activities

Polymer Processing and Related Operations	Level 3	Level 3
	100/5048/6 (NVQ)	G825 23 (SVQ)
Last Registration Date	31 st March 2011	31 st December 2011
Last Certification Date	31 st March 2014	31 st December 2015

Total Number of Units Required: 8

Mandatory Units

- M1 Meet safety, health and environmental requirements in the workplace
 - M5 Contribute to the efficiency and effectiveness of work
 - M7 Establish and maintain effective working relationships in polymer processing and related operations
 - M8 Contribute to the continuous improvement of the business
 - M9 Rectify process problems
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Optional Units

3 units to be taken:

- C16 Assess data and produce reports
- C18 Maintain the condition of process equipment
- C19 Carry out routine servicing procedures on polymer process plant and equipment
- D1 Configure and set processing systems to meet production requirements
- D2 Optimise standard operations which are under process control
- D3 Evaluate and modify processing parameters to meet process operations
- D4 Carry out complex manual operations
- D5 Evaluate and adjust manual operations
- D6 Carry out complex sampling operations
- D7 Carry out testing operations
- D8 Provide technical support
- D9 Lead the work of teams and individuals to achieve their objectives
- D10 Plan polymer processing activities