Qualification Title:

GQA-PAA\VQ-SET Level 2 Certificate in Polymer Operations

Qualification Number: 603/2760/1 C00/4504/1

Qualification Specification

# Who is this qualification for?

This qualification will provide recognition of the skills and knowledge of individuals working in the Polymer

and Polymer Composite sectors. The qualification contains one Mandatory unit which covers Health and

Safety and then learners may choose from Optional units covering starting up, maintaining and shutting down

a machine-based production process, inspecting and finishing products, carrying out testing and sampling and other tasks undertaken within the Polymer Industry.

It is suitable for process operators who work within an organisational context that provides them with procedures to work to and criteria for making decisions and taking actions. The process operation may relate to continuous or batch production and may be a primary or secondary operation.

This qualification is at Level 2 and is intended to develop individuals who are occupationally competent to carry out the work.

The groups of optional units make the qualification suitable for as wide a range of job roles and Organisations as possible.

There is also a Level 3 qualification for Polymer Operations from GQA Qualifications, please email info@gqaqualifications.com for more information.

# Entry requirements

There are no formal entry requirements for learners undertaking this qualification. However, centres must ensure that learners have the potential and opportunity to gain the qualification successfully.

# Qualification support

This qualification has been designed and developed by GQA Qualifications with the support of Industry.

# Regulatory information

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| Countries offered in:  | England, Northern Ireland, Wales |
| Qualification type: | Occupational Qualification |
| Subject/sector areas  | Polymer Operations  |
| Qualification review date:  | 30/06/2025 |
| Applicable age ranges (years):  | 16-18, 19+ |

# Further information

Further information about this qualification can be obtained from: [www.gqaqualifications.com/qualifications](http://www.gqaqualifications.com/qualifications)

You can also contact GQA Qualifications directly at:

GQA Qualifications Ltd, Unit 1, 12 O’clock Court, Attercliiffe Road, Sheffield S4 7WW.

Tel 01142 720033, email to info@gqaqualifications.com

# Qualification achievement

GQA qualifications are made up of units that have a credit value or credits. These credits must be achieved in the correct combination of mandatory and optional units.

A total of 6 units must be achieved, see below for a breakdown

***Mandatory Units:*** 1 Mandatory Units mus be achieved

***Optional Units:*** 5 Optional Units needed in addition to the mandatory unit.

2 Optional Units to be taken from Option Group 1, 1 Optional Unit to be taken from each of the Option Groups 2 and 3 and 1 further Optional Unit which may be taken from any of the 3 Option Groups.

**Total Qualification Time (TQT) and Guided Learning Hours (GLH)**

Guided Learning Hours (GLH) Guided Learning Hours are the time the learner is under the immediate supervision or guidance of a lecturer, supervisor, tutor or other appropriate provider or education or training. The GLH for this qualification is 108

Total Qualification Time (TQT) Total Qualification Time is comprised of 2 elements: 1. GLH plus 2. an estimate of the number of hours a learner will reasonably be likely to spend in preparation, study or any other form of participation in education or training, including assessment, which takes place as directed by (but not under the immediate supervision of) a lecturer, supervisor, tutor or other appropriate provider or education or training The TQT for this qualification is 190

The units of assessment set out learning outcomes which describe what learners need to be able to do and understand. The learning outcomes are defined by assessment criteria which are used to assess competence, expressed as skills achieved and learned knowledge and understanding, to achieve the units. Achievement of the mandatory unit and optional units will mean the qualification has been completed and will be subject to approval of a claim for certification. GQA Qualifications will issue a certificate complete with the learner’s name, the qualification and unit titles and the credits achieved.

# Qualification Structure

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| **Qualification Title:**  | GQA-PAA\VQ-SET Level 2 Certificate in Polymer Operations |
| **Qualification Number (Ofqual)** | 603/27601 | **Qualification****Number (Qualifications Wales)** | C00/4504/1 |
| **Total Credits:** | 19 |
| **Total Qualification Time (TQT):** | 190 |
| **Guided Learning Hours (GLH):** | 108 |
| **Unit number**  | **Title**  | **Level** | **Credit** |
| **Mandatory Unit** |
| Poly39 | Meet Safety, Health and Environmental Requirements in the Workplace within Polymer Processing and Related Environments | 2 | 3 |
| **Optional Units group 1-Process, a minimum of 2 units must be achieved**  |
| **Unit number** | **Title** | **Level** | **Credit** |
| POLY11 | Prepare to Start Up a Machine-Based Production Process within Polymer Processing and Related Environments | 2 | 4 |
| POLY12 | Start Up and Maintain a Machine-Based Production Process within Polymer Processing and Related Environments | 2 | 5 |
| POLY13 | Shutdown a Machine-Based Production Process within Polymer Processing and Related Environment | 2 | 4 |

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| **Optional Units group 2-Quality, a minimum of 1 unit must be achieved**  |
| **Unit number** | **Title** | **Level** | **Credit** |
| POLY18 | Inspect Products within Polymer Processing and Related Environments | 2 | 4 |
| POLY22 | Carry Out Simple Sampling Operations within Polymer Processing and Related Environments | 2 | 3 |
| POLY23 | Carry Out Simple Testing Operations within Polymer Processing and Related Environments | 2 | 3 |
| POLY41  | Contribute to the Maintenance of Product Quality within Polymer Processing and Related Environments | 1 | 3 |

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| **Optional Units group 3-Ancilary, a minimum of 1 unit must be achieved**  |
| **Unit number** | **Title** | **Level** | **Credit** |
| POLY1 | Prepare Materials for Processing According to Instructions within Polymer Processing and Related Environments | 2 | 3 |
| POLY17 | Finish Products within Polymer Processing and Related Environments | 2 | 2 |
| POLY21 | Contribute to the Provision of Ancillary Systems within Polymer Processing and Related Environments | 2 | 5 |
| POLY48  | Assemble Products within Polymer Processing and Related Environments | 2 | 3 |
| POLY49 | Prepare to Configure Processing Equipment within Polymer Processing and Related Environments | 2 | 5 |
| POLY50 | Configure Processing Equipment within Polymer Processing and Related Environments | 2 | 5 |

# Assessment

The qualification must be assessed using the following assessment method:

* Portfolio of Evidence

Learners are required to achieve all learning outcomes within units of assessment. All assessment is subject to internal quality assurance within approved centres providing this qualification. External quality assurance of assessment and internal quality assurance within approved centres is provided by GQA Qualifications.