# Qualification Title: GQA Level 4 Diploma In Façade Technology

# Qualification Number: 600/1458/1

# Qualification Specification

# Who is this qualification for?

This qualification is aimed at those who work as surveyors, designers, estimators or engineers working with Glass Façades.

This qualification is at Level 4 and should be taken by those who are experienced in this area, and are capable of dealing with the wide range of issues concerned with the design and specifications for Glass Façades, including working with installations that have complex requirements. Candidates will often take a technical supervisory role, particularly in relation to less-experienced members of the industry.

A further GQA Level 3 qualification in Fenestration Surveying is also available for those dealing with doors, windows and conservatories.

Candidates for this qualification will primarily be working on and could be assessed in the context of surveying, planning and estimating activities linked to the design, planning and specification production for Glass Façades.

Candidates could have jobs entitled:

* Surveyor
* Project Manager
* Façade Technician
* Designer
* Architectural Advisor/Assistant
* Estimator

# 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

# Regulatory information

|  |  |
| --- | --- |
| Countries offered in: | England, Northern Ireland |
| Qualification type: | Occupational Qualification |
| Subject/sector areas | Building and construction |
| Qualification operational start date: | 01-Apr-2011 |
| Qualification review date: |  |
| 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, Provincial House, Sheffield S4 7WW.

Tel 01142 720033, email to info@gqaqualifications.com

# Qualification achievement

Candidates should achieve all 9 mandatory units, plus a minimum of 8 credits from the optional units. This makes the minimum credit value of the qualification 54 credits.

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. 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.

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Qualification Title:** | | GQA Level 4 Diploma In Façade Technology: | | |
| **Qualification Number (QAN):** | | 600/1458/1 | | |
| **Total Credits:** | | 54 | | |
| **Total Qualification Time (TQT):** | | 540 | | |
| **Guided Learning Hours (GLH):** | | 177 | | |
| Candidates should achieve all 9 mandatory units, plus a minimum of 8 credits from the optional units. This makes the minimum credit value of the qualification 54 credits. | | | | |
| **Mandatory units** | | | | |
| **Unit number** | **Title** | | **Level** | **Credit** |
| H/503/0451 | Understanding Health and Safety as Part of the Façade or Fenestration Planning Process | | 3 | 4 |
| K/503/0452 | Theory of Windows and Doors | | 4 | 5 |
| T/503/0454 | Theory of Curtain Walling | | 4 | 5 |
| F/503/0456 | Wind Loads and Building Physics in Curtain Walling | | 4 | 5 |
| K/503/0466 | The Use of Sealants in Curtain Walling | | 4 | 5 |
| J/503/0538 | Building Energy and Thermal Values in Curtain Walling | | 4 | 5 |
| A/503/0536 | Knowledge of Building Regulations and Legislation in Façades | | 3 | 5 |
| F/503/0540 | Fixings in Façade Specifications | | 4 | 6 |
| F/503/0537 | Produce Specifications for Curtain Wall Installations | | 4 | 6 |
| **Optional units:** | | | | |
| H/503/0465 | Knowledge of glass types, properties and uses | | 4 | 5 |
| L/503/0539 | Unitised façade systems | | 3 | 3 |
| L/502/9309 | Principles of fire-resistant glazing | | 3 | 5 |
| J/503/0541 | Estimating and specifying for curtain walling | | 4 | 7 |
| L/503/0542 | Renewable energy and low/zero carbon technologies in curtain walling | | 4 | 6 |

# 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.