



Summary of the:

## GQA LEVEL 4 DIPLOMA IN FAÇADE TECHNOLOGY

600/1458/1

### 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
- Façade Technician
- Architectural Advisor/Assistant
- Project Manager
- Designer
- Estimator

### What is required from candidates?

GQA 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 and optional units: this qualification has 9 mandatory units and a group of optional units. 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.

The groups of optional units are intended to allow all those involved in the surveying, design and specification production for Glass Façades to achieve the full qualification: when choosing from the optional units it is important to ensure the units selected are appropriate and achievable within their job role.

These units are made up of the things a candidate needs to know and the things a candidate needs to be able to do to carry out the job role job safely and correctly. These are called Learning Outcomes, and all must be met to achieve the unit.

Unit ref	Title	Level	Credit
<b>Mandatory Units</b>			
FT1 H/503/0451	Understanding Health and Safety as Part of the Façade or Fenestration Planning Process	3	4
FT2 K/503/0452	Theory of Windows and Doors	4	5
FT3 T/503/0454	Theory of Curtain Walling	4	5
FT4 F/503/0456	Wind Loads and Building Physics in Curtain Walling	4	5
FT6 K/503/0466	The Use of Sealants in Curtain Walling	4	5
FT7 J/503/0538	Building Energy and Thermal Values in Curtain Walling	4	5
FT8 A/503/0536	Knowledge of Building Regulations and Legislation in Façades	3	5
FT9 F/503/0540	Fixings in Façade Specifications	4	6
FT14 F/503/0537	Produce Specifications for Curtain Wall Installations	4	6
<b>Optional Units – A minimum of 8 credits to be achieved</b>			
FT5 H/503/0465	Knowledge of Glass Types, Properties and Uses	4	5
FT11 L/503/0539	Unitised Façade Systems	3	3
FRG1 L/502/9309	Principles of Fire-Resistant Glazing	3	5
FT13 J/503/0541	Estimating and Specifying for Curtain Walling	4	7
FT10 L/503/0542	Renewable Energy and Low/Zero Carbon Technologies in Curtain Walling	4	6

Achieving the combination of Mandatory units and the correct choice of Optional credits will mean the qualification has been completed and GQA will provide the Diploma with the qualification title. Where a candidate has completed additional credits the Diploma will list these as “additional credits”, in cases where the candidate has not completed the full qualification and will not go on to do so, a Certificate of credit can be issued for the credits achieved.

### Assessment guidance

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

### Types of evidence:

This is primarily a knowledge based qualification; however it is possible that candidates will have evidence generated through their job role that can be used as evidence towards this qualification.

Evidence of knowledge can be demonstrated through completion of GQA approved assignments set by the Assessment Centre, by responding to questions, work produced as part of their job role and by the successful completion of tests and exams linked to training modules delivered by the Assessment Centre. The structure of the qualification means candidates must complete a minimum of 11 units, as part of the qualification requirements candidates must attend a minimum of 6 modules delivered by a GQA Approved Centre designed specifically around units within the qualification.

These primary types of evidence may also be supplemented by the following physical or documentary evidence:

- Accident books/reporting systems
- Safety records
- Calculations
- Installation and maintenance documentation
- Estimates
- Witness testimonies
- Correspondence with customer
- Telephone logs
- Project briefs
- Surveys
- Equipment
- Photographic/video evidence
- Notes and memos
- Evaluation reports
- Inspection reports

### Quantity of evidence:

Evidence should show that the candidate 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. Due to the depth and range of knowledge required to complete the units it is expected that the average timescale for completion of this qualification is likely to be between 12 and 18 months, although this timescale is not definitive and may vary either way.

**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 qualifications 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.**

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