



**Glass
Qualifications
Authority**

Glass Operations

Summary of the NVQ/SVQ Production of Glass Supporting Fabrications Level 3

NVQ 100/3864/4
SVQ G7EX 23

WHO IS THIS QUALIFICATION FOR?

This qualification is part of an overall Level 3 national occupational standard. This qualification is aimed at those who undertake work to produce fabricated products such as sophisticated door and window frames and units, and fabrications used in advanced walling systems etc. Units in this qualification cover the processing and fabricating of frames by joining and assembly. It is not expected that candidates working in this area all do the same activities: the qualification is structured to ensure that there is a high degree of flexibility in the qualification, although there are common units in the mandatory section of the qualification. The standard covers the most important aspects of the job. This qualification is at Level 3, and should be taken by those who are experienced fabricators. Candidates will often take a technical supervisory role, particularly in relation to less-experienced workers.

A further qualification for the Production of Glass Supporting Fabrications at Level 2 is also available.

Candidates for this qualification could be assessed in the context of fabricating Windows and Doors, Curtain Walling, Screen Walling, or Conservatories.

Candidates for this qualification will primarily be:

- working in frame fabrication factories
- working with non-glass materials or semi-finished products

Candidates are likely to have jobs entitled:

- Aluminium Fabricator
- Conservatory Fabricator
- Curtain Walling Fabricator
- Fabricator
- Framemaker
- PVCu Fabricator
- Screen Walling Fabricator
- Window and Door Maker
- Window Fabricator

WHAT IS REQUIRED FROM CANDIDATES?

Candidates should achieve all 5 mandatory units listed below, plus 4 of the optional units. Candidates should prove that they can achieve all the statements listed for each element. Guidance on the evidence that will be acceptable is contained in the introduction to each unit.

Mandatory Units (all 5 units to be taken)

- Unit 1 Promote and maintain health and safety within the working environment
- Unit 2 Improve the work of the organisation
- Unit 3 Assess the quality of glass-related materials
- Unit 4 Diagnose and rectify technical problems
- Unit 5 Plan the use of resources to meet work requirements

Optional Units (any 2 units from Group 1, plus any 2 units from Group 2)

Group 1

- Unit 6 Develop new work procedures
- Unit 7 Set up equipment for operations
- Unit 8 Fabricate complex glass supporting systems
- Unit 9 Control fabrication operations

Group 2

- Unit 10 Process products and materials by applying coatings or treatments
- Unit 11 Fabricate glass supporting systems by processing materials
- Unit 12 Fabricate glass supporting systems by joining
- Unit 13 Fabricate glass supporting systems by assembly



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List of Units

Unit 1	Promote and maintain health and safety within the working environment
Element 1.1	Maintain the health and safety of individuals
Element 1.2	Minimise injury to individuals and damage to property in an emergency
Element 1.3	Promote health and safety in the working environment
Unit 2	Improve the work of the organisation
Element 2.1	Improve the effective use of resources
Element 2.2	Obtain and provide information
Element 2.3	Develop and maintain good working relationships
Unit 3	Assess the quality of glass-related materials
Element 3.1	Identify the characteristics and features of the glass-related materials
Element 3.2	Detect a variation in the quality of glass-related materials
Element 3.3	Identify the causes of variations in the quality of glass-related materials
Unit 4	Diagnose and rectify technical problems
Element 4.1	Investigate technical problems
Element 4.2	Diagnose the causes of technical problems
Element 4.3	Rectify technical problems
Unit 5	Plan the use of resources to meet work requirements
Element 5.1	Identify the work that needs to be achieved
Element 5.2	Utilise resources to achieve work requirements
Element 5.3	Monitor the progress of work
Unit 6	Develop new work procedures
Element 6.1	Assess the requirements of the work
Element 6.2	Specify new work procedures to meet requirements
Unit 7	Set up equipment for operations
Element 7.1	Determine settings for the equipment
Element 7.2	Monitor the operation of the equipment
Unit 8	Fabricate complex glass supporting systems
Element 8.1	Prepare materials for fabrication
Element 8.2	Utilise materials to fabricate complex glass supporting systems
Unit 9	Control fabrication operations
Element 9.1	Monitor fabrication operations
Element 9.2	Provide advice and guidance on fabrication operations
Unit 10	Process products and materials by applying coatings or treatments
Element 10.1	Prepare products and materials for processing
Element 10.2	Apply coatings or treatments to products and materials
Element 10.3	Finish products and materials to protect coatings or treatments
Unit 11	Fabricate glass supporting systems by processing materials
Element 11.1	Prepare materials for processing
Element 11.2	Process materials to fabricate glass supporting systems
Unit 12	Fabricate glass supporting systems by joining
Element 12.1	Prepare materials for joining
Element 12.2	Join materials to fabricate glass supporting systems
Unit 13	Fabricate glass supporting systems by assembly
Element 13.1	Prepare materials for assembly
Element 13.2	Assemble materials to fabricate glass supporting systems