

# Summary of the NVQ/SVQ Glazing Installation and Maintenance Level 3



## Glass Qualifications Authority

### **Candidates for this qualification will be assessed in the context of**

- glazing
- maintenance of glass supporting frames and units

### **Who is this qualification for?**

This qualification is aimed at those who work as glaziers, installing glass into frames (eg windows, doors), and those who work to maintain glazing installations (usually windows and doors). The standards cover the most important aspects of the job. This qualification is at Level 3, and should be taken by those who are experienced, capable of dealing with a wide range of problems, including working with glazing installations that have complex requirements. Candidates will often take a supervisory role, particularly in relation to less-experienced workers. They will also work closely with customers and have well-developed customer service skills.

A further qualification for glazing at Level 2 is also available. In addition, there are qualifications for those who install replacement window and door units.

### *Candidates for this qualification will primarily be:*

- working on customers' premises
- installing glass into supporting frames and units
- maintaining supporting frames and units

### *Candidates are likely to have jobs entitled:*

- Glazier
- Installer
- Fitter

### **What is required from candidates?**

Candidates should achieve all 4 mandatory units, plus 5 optional units: 4 of the optional units must be taken from a single option group, and 1 further different unit must be taken from the remaining optional units (including the fifth unit from the candidate's selected option group).

#### **Mandatory units**

##### **(all 4 units must be taken)**

- Unit 1 Promote and maintain health and safety in the working environment
- Unit 2 Confirm specifications for the glazing installation
- Unit 3 Improve the effectiveness of the organisation
- Unit 4 Manage yourself

#### **Optional units**

##### **(4 of the optional units must be taken from a single option group, and 1 further different unit must be taken from the remaining optional units (including the fifth unit from the candidate's selected option group))**

##### *Option Group A: for Glaziers*

- Unit 5 Determine the work to meet a customer's requirements
- Unit 7 Prepare for complex glazing installation and maintenance
- Unit 8 Transport and store products and materials
- Unit 10 Install glass components in special glazing installations
- Unit 13 Assure the quality of a glazing installation

##### *Option Group B: for Maintenance*

- Unit 5 Determine the work to meet a customer's requirements

- Unit 7 Prepare for complex glazing installation and maintenance
- Unit 8 Transport and store products and materials
- Unit 11 Repair complex glazing installations and components
- Unit 12 Maintain the progress of a glazing installation

##### *Option Group C: for Architectural Glaziers*

- Unit 7 Prepare for complex glazing installation and maintenance
- Unit 8 Transport and store products and materials
- Unit 10 Install glass components in special glazing installations
- Unit 14 Assemble architectural glazing systems
- Unit 15 Install panels into architectural glazing systems

##### *Option Group D: for Supervisors/Surveyors*

- Unit 5 Determine the work to meet a customer's requirements
- Unit 6 Specify requirements for complex glazing installations
- Unit 12 Maintain the progress of a glazing installation
- Unit 13 Assure the quality of a glazing installation
- Unit 16 Lead the work of teams and individuals to achieve their objectives.

##### *Other Optional Unit*

- Unit 9 Shape glass to meet complex specifications

## UNITS

<b>Unit 1</b>	<b>Promote and maintain health and safety in the working environment</b>	<b>Unit 8</b>	<b>Transport and store products and materials</b>
Element 1.1	Maintain the health and safety of individuals	Element 8.1	Transport products and materials
Element 1.2	Minimise injury to individuals and damage to property in an emergency	Element 8.2	Store products and materials
Element 1.3	Promote health and safety in the working environment	Element 8.3	Monitor level of products and materials
<b>Unit 2</b>	<b>Confirm specifications for the glazing installation</b>	<b>Unit 9</b>	<b>Shape glass to meet complex specifications</b>
Element 2.1	Collect information on the location of the glazing installation	Element 9.1	Check the specifications of glass
Element 2.2	Check the specifications of the glazing installation	Element 9.2	Shape glass with complex specifications
<b>Unit 3</b>	<b>Improve the effectiveness of the organisation</b>	<b>Unit 10</b>	<b>Install glass components in special glazing installations</b>
Element 3.1	Improve the effective use of resources	Element 10.1	Secure glass into special glazing installations
Element 3.2	Obtain and record information	Element 10.2	Complete installation work on special glazing installations
Element 3.3	Provide information to colleagues	<b>Unit 11</b>	<b>Repair complex glazing installations and components</b>
Element 3.4	Develop and maintain good working relationships	Element 11.1	Dismantle complex glazing installations
<b>Unit 4</b>	<b>Manage yourself</b>	Element 11.2	Repair complex glazing installations
Element 4.1	Develop your own skills to improve your performance	Element 11.3	Reinstall complex glazing installations
Element 4.2	Manage your time to meet your objectives	<b>Unit 12</b>	<b>Maintain the progress of a glazing installation</b>
<b>Unit 5</b>	<b>Determine the work to meet a customer's requirements</b>	Element 12.1	Monitor glazing installation work
Element 5.1	Establish a customer's requirements	Element 12.2	Identify defects with complex glazing installations
Element 5.2	Assess the work required to meet a customer's requirements	Element 12.3	Diagnose glazing installation defects
Element 5.3	Agree the work with the customer	Element 12.4	Monitor the rectification of glazing installation defects
<b>Unit 6</b>	<b>Specify requirements for complex glazing installations</b>	<b>Unit 13</b>	<b>Assure the quality of a glazing installation</b>
Element 6.1	Obtain dimensions for complex glazing installations	Element 13.1	Detect variations in the quality of a glazing installation
Element 6.2	Provide specifications for complex glazing installations	Element 13.2	Identify the causes of the variations in the quality of a glazing installation
<b>Unit 7</b>	<b>Prepare for complex glazing installation and maintenance</b>	<b>Unit 14</b>	<b>Assemble architectural glazing systems</b>
Element 7.1	Prepare equipment for complex glazing installation and maintenance	Element 14.1	Position and secure architectural glazing systems to building structures
Element 7.2	Prepare components and materials for complex glazing installation and maintenance	Element 14.2	Prepare architectural glazing systems for the installation of panels
Element 7.3	Prepare work sites for complex glazing installation and maintenance	<b>Unit 15</b>	<b>Install panels into architectural glazing systems</b>
		Element 15.1	Secure panels into architectural glazing systems
		Element 15.2	Complete installation work on architectural glazing systems
		<b>Unit 16</b>	<b>Lead the work of teams and individuals to achieve their objectives</b>
		Element 16.1	Plan the work of teams and individuals
		Element 16.2	Assess the work of teams and individuals
		Element 16.3	Provide feedback to teams and individuals on their work