



## Higher National Unit specification

### General information for centres

**Unit title:** Glass Appliqué

**Unit code:** F1X0 34

**Unit purpose:** This Unit will enable the candidate to design and manufacture a glass panel using appliqué technique. This Unit is suitable for those studying art glasswork or those employed in the glass industry.

On completion of the Unit the candidate should be able to:

- 1 Design and prepare a cartoon.
- 2 Select and prepare base glass.
- 3 Select and prepare suitable glass for appliqué technique.
- 4 Manufacture a panel using appliqué technique.

**Credit points and level:** 1 HN credit at SCQF level 7: (1 SCQF credit points at SCQF level 7\*)

*\*SCQF credit points are used to allocate credit to qualifications in the Scottish Credit and Qualifications Framework (SCQF). Each qualification in the Framework is allocated a number of SCQF credit points at an SCQF level. There are 12 SCQF levels, ranging from Access 1 to Doctorates.*

**Recommended prior knowledge and skills:** While access to this Unit is at the discretion of the centre, candidates should have previously achieved Units which involve accurate glass cutting, kiln preparation and operation or have practical experience of dealing with glass.

**Core Skills:** There are opportunities to develop the Core Skills of Problem Solving and Numeracy at SCQF level 5 in this Unit, although there is no automatic certification of Core Skills or Core Skills components.

**Context for delivery:** If this Unit is delivered as part of a Group Award, it is recommended that it should be taught and assessed within the subject area of the Group Award to which it contributes.

**Assessment:** Assessments will be holistic with one practical project being assessed and recorded in observation schedules. Candidates should be given a brief asking them to produce an appliqué panel. This would involve the candidate producing cartoons, selecting preparing and using appropriate glass, tools and materials to meet the brief.

## **Higher National Unit specification: statement of standards**

**Unit title:** Glass Appliqué

**Unit code:** F1X0 34

The sections of the Unit stating the Outcomes, Knowledge and/or Skills, and Evidence Requirements are mandatory.

Where evidence for Outcomes is assessed on a sample basis, the whole of the content listed in the Knowledge and/or Skills section must be taught and available for assessment. Candidates should not know in advance the items on which they will be assessed and different items should be sampled on each assessment occasion.

### **Outcome 1**

Design and prepare a cartoon

#### **Knowledge and/or Skills**

- ◆ Marking techniques
- ◆ Measuring techniques
- ◆ Drawing techniques
- ◆ Cartoon preparation

#### **Evidence Requirements**

Candidates will need to provide evidence to demonstrate their Knowledge and Skills by showing that they can:

- ◆ present a design for consideration to meet requirements of the brief
- ◆ use accurate measuring techniques to scale a drawing to size
- ◆ select colours appropriate to the brief
- ◆ design and prepare a cartoon to meet the given brief
- ◆ draw an accurate cartoon

#### **Assessment Guidelines**

See Assessment Guidelines after Outcome 4.

### **Outcome 2**

Select and prepare base glass

#### **Knowledge and/or Skills**

- ◆ Factors governing thickness of base glass
- ◆ Cutting techniques
- ◆ Arising techniques
- ◆ Cleaning procedures

## **Higher National Unit specification: statement of standards (cont)**

**Unit title:** Glass Appliqué

### **Evidence Requirements**

Candidates will need to provide evidence to demonstrate their Knowledge and Skills by showing that they can:

- ◆ select base glass of a thickness appropriate to dimensions
- ◆ cut glass appropriate for the task using cutting techniques appropriate to the glass and following health and safety requirements
- ◆ prepare edges correctly
- ◆ follow the manufacturer's recommended procedures for cleaning the glass

### **Assessment Guidelines**

See Assessment Guidelines after Outcome 4.

## **Outcome 3**

Select and prepare suitable glass for appliqué technique

### **Knowledge and/or Skills**

- ◆ Cutting techniques
- ◆ Grozing techniques
- ◆ Shaping techniques
- ◆ Cleaning procedures

### **Evidence Requirements**

Candidates will need to provide evidence to demonstrate their Knowledge and Skills by showing that they can:

- ◆ select appropriate glass for appliqué technique
- ◆ prepare glass in accordance with recognised procedures
- ◆ cut and shape glass accurately in a way that is appropriate to the task using appropriate tools and following health and safety procedures
- ◆ utilise coloured glass, silver glass, cullet, roundels, globs and nugget
- ◆ procedures for cleaning glass are correctly adopted

### **Assessment Guidelines**

See Assessment Guidelines after Outcome 4.

## **Higher National Unit specification: statement of standards (cont)**

**Unit title:** Glass Appliqué

### **Outcome 4**

Manufacture a panel using appliqué technique

#### **Knowledge and/or Skills**

- ◆ Alignment techniques
- ◆ Marking techniques
- ◆ Use of bonding medium
- ◆ Use of grouting
- ◆ Cleaning procedures
- ◆ Health and safety
- ◆ Workshop practice

#### **Evidence Requirements**

Candidates will need to provide evidence to demonstrate their Knowledge and Skills by showing that they can:

- ◆ correctly align the glass with cartoon
- ◆ accurately outline location of the glass
- ◆ correctly apply the bonding medium
- ◆ accurately align shaped glass
- ◆ select appropriate tools for the task
- ◆ correctly prepare grouting
- ◆ accurately apply grouting evenly
- ◆ clean panel using appropriate techniques
- ◆ follow health and safety guidelines relating to the use of materials, tools and workshop requirements

Candidate's performance should be recorded in an observation schedule.

#### **Assessment Guidelines**

The candidate could be asked to design and produce a small panel for a window which features a pattern with at least three different colours and four different shapes which should be attached to a base glass.

## Administrative Information

**Unit code:** F1X0 34  
**Unit title:** Glass Appliqué  
**Superclass category:** WF  
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### History of changes:

Version	Description of change	Date

**Source:** SQA

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## **Higher National Unit specification: support notes**

### **Unit title:** Glass Appliqué

This part of the Unit specification is offered as guidance. The support notes are not mandatory.

While the exact time allocated to this Unit is at the discretion of the centre, the notional design length is 40 hours.

### **Guidance on the content and context for this Unit**

This Unit is an optional Unit in the HNC/HND Art Glass Production Group Awards frameworks. Its purpose is to introduce candidates to glass appliqué techniques using a variety of materials, tools and equipment.

Tools, equipment and materials required in this Unit include: drawing paper, drawing equipment, base glass, coloured glass, cullet, glass working tools, bonding agents, grouting, trowels and cleaning equipment.

Safety equipment required in this Unit includes: eye protection, gloves, dust masks, apron and suitable clothing.

Because of the nature of the work involved current health and safety legislation and regulations must be emphasised at all times. Safety equipment is required in this Unit.

### **Guidance on the delivery and assessment of this Unit**

Candidates could be given photographs, exemplars and hands on experience to achieve the knowledge for this Unit. This could be achieved by practising their appliqué techniques prior to assessment.

Practical step by step demonstrations should be given and the candidate should be encouraged to practise on small items until confident to attempt a more complex item.

All safety factors should be thoroughly emphasised throughout this Unit.

The assessment could require the candidate to design and produce one manufactured panel using appliqué techniques. The panel will consist of an appropriate base glass with no less than four good quality shaped pieces of glass accurately applied on top. Panel should consist of no less than three colours and should meet specifications of his/her design.

The candidate's performance should be recorded in an observation schedule.

#### ***Opportunities for developing Core Skills***

Candidates will develop their problem solving skills by planning their work and developing a design to meet a given specification. Candidates will have to determine what materials, tools and equipment should be used and will evaluate their work as they produce the glass panel.

This Unit will develop the candidate's skill of Working with Others as they will be asked to share workshop facilities with others. This may mean sharing tools, space and equipment.

## **Higher National Unit specification: support notes (cont)**

**Unit title:** Glass Appliqué

Candidates will also develop their Numeracy skills. They are required to measure accurately and work from diagrams and working drawings. They will also require to prepare a cartoon.

### **Open learning**

This Unit is not suitable for open learning due to the workshop facilities required for cutting glass and applying bonding mediums.

For further information and advice, please refer to the SQA document *Assessment and Quality Assurance for Open and Distance Learning* ([www.sqa.org.uk](http://www.sqa.org.uk)).

### **Candidates with disabilities and/or additional support needs**

The additional support needs of individual candidates should be taken into account when planning learning experiences, selecting assessment instruments, or considering alternative Outcomes for Units. Further advice can be found in the SQA document *Guidance on Assessment Arrangements for Candidates with Disabilities and/or Additional Support Needs* ([www.sqa.org.uk](http://www.sqa.org.uk)).

## **General information for candidates**

### **Unit title:** Glass Appliqué

In this Unit you will learn how to make a glass panel using appliqué techniques. You will work on your own and at times with your colleagues and tutor.

You will learn how to use various types of tools and equipment within the workplace. You will learn how to mix different agents and how to apply them correctly. You will develop your designing skills and you will be expected to design a cartoon which you will later make using a variety of different types of glass.

You will learn how to follow the health and safety regulations which apply to the materials you are using and you will conform to codes of practice used in the workshop environment, throughout this Unit.

You will develop your problem solving skills by planning, developing and evaluating what you do. This Unit will also develop your skills of Working with Others as you will be required to work with your colleagues at times to share information that is helpful to you and your colleagues. You will also develop your Numeracy skills through measuring, cutting materials to shape and calculating sizes accurately.