

Overview

This standard covers the skills and knowledge needed to fabricate of glass framing systems by cutting. This involves preparing the materials for the process, and ensuring the correct type and quality are available. You will use the appropriate equipment to apply the process in a way that meets the specification. You will identify any problems with the process and take the appropriate action.

This unit applies to operatives who fabricate windows, doors, conservatories and curtain walling.

Performance criteria

You must be able to:

1. comply with health and safety requirements and procedures during the cutting process
2. identify and confirm specifications for the preparation of the materials
3. check materials are available for cutting
4. select the type, quantity, and quality of materials to be used during the cutting process
5. prepare materials to meet specifications
6. store cut profiles following standard operating procedures
7. identify types of cutting to meet specifications
8. position materials for cutting following standard operating procedures
9. cut materials to meet specifications
10. monitor the cutting of materials to meet specifications
11. use materials to minimise wastage
12. identify any problems and deal with them following standard operating procedures
13. record information on the cutting of materials in the appropriate information systems

Knowledge and understanding

You need to know and understand:

1. relevant health and safety responsibilities and obligations
2. relevant health and safety procedures that need to be followed
3. type of cutting of materials undertaken
4. cutting equipment used in glass fabrication
5. cutting processes applied to different materials
6. appropriate storage areas for materials before and after they have been cut
7. methods for cutting different types of material
8. how to position materials correctly
9. how to utilise and optimise materials to minimise wastage
10. problems that can occur and standard operating procedures for dealing with them
11. information systems used
12. why it is important to use the information systems

GQAPGSF21



Fabricate glass framing systems by cutting

Developed by	GQA
Version Number	2
Date Approved	30 Mar 2020
Indicative Review Date	31 Mar 2025
Validity	Current
Status	Original
Originating Organisation	GQA Qualifications
Original URN	PROPGSF21
Relevant Occupations	Glaziers Window Fabric and Fitters
Suite	Production of Glass Supporting Fabrications
Keywords	Framing; glass; glazing; curtain walling; fabrication; windows and doors
