
Overview

This standard covers the skills and knowledge needed to handle materials or components and minimise the wastage of resources. You have to identify what type and quantity of materials or components are required, and then locate them. You will have to handle the materials or components safely, position them for use in their work activities and ensure that all resources are used and disposed of with the minimum of waste.

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 at all times
2. confirm the requirements for materials or components
3. identify the location for materials or components
4. check materials or components match their markings
5. identify any problems and deal with them following standard operating procedures
6. record information in the appropriate information systems
7. handle materials or components in a way that prevents damage to them and their surrounding environment
8. position materials or components to meet specifications
9. use handling equipment that is suitable, and minimise wear and tear on the equipment
10. transport and store materials to avoid unnecessary damage
11. confirm suitable quantities of materials are used during work activities
12. salvage surplus materials for further processing following standard operating procedures
13. use equipment following standard operating procedures and manufacturers' instructions
14. maintain equipment following standard operating procedures
15. minimise expenditure on non-essential items where this does not affect quality
16. confirm work activities undertaken are within one's own competence
17. identify and pass on potential improvements to work activities to the appropriate people

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. different types of material or components used
4. identification markings for the range of materials or components on site
5. normal locations of materials or components, and the potential alternative locations when these are not available
6. how to check that materials or components match their markings
7. types of problems that can occur and the standard operating procedures for dealing with them
8. how different types of material or components should be handled
9. where to position different types of material or components
10. type of damage that can occur as a result of handling materials or components incorrectly
11. handling equipment used and its capabilities and capacities
12. authority or licences necessary to use handling equipment
13. how different types of material should be transported and stored
14. quantity of materials used for different work activities
15. materials that can be salvaged, and how are they salvaged
16. information systems used
17. why it is important to use the information systems
18. equipment to use for different work activities
19. how to operate different types of equipment
20. how to avoid damaging equipment through incorrect use
21. maintenance requirements of different types of equipment
22. standard operating procedures for different activities
23. how to obtain information on the standard operating procedures

GQAPGSF4

Handle materials or components in the fabrication of glass supporting systems



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 PROPGSF4

Relevant Occupations Glaziers, Window Fabricators and Fitters

Suite Production of Glass Supporting Fabrications

Keywords Framing; glass; glazing; curtain walling; fabrication; windows and doors
