

Overview

This standard covers the skills and knowledge required to toughen glass products. It covers the application of heat to toughen the glass, selecting to appropriate methods and equipment and ensuring that the products meet specification.

Performance criteria

You must be able to:

1. comply with health and safety requirements and procedures at all times
2. identify and confirm specifications for the work being undertaken
3. select appropriate methods and equipment for applying heat and confirm that it is available and safe for use
4. quality check processes following standard operating procedures
5. quality check finished products to meet specifications
6. prepare equipment, machinery and tools to meet specifications
7. start up and shut down equipment, machinery and tools following standard operating procedures
8. operate equipment, machinery and tools following standard operating procedures and manufacturers' instructions
9. identify any problems relating to the process and deal with them following standard operating procedures
10. record information 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. how to confirm specifications for work being undertaken
4. level of detail required in specifications
5. equipment, materials and work procedures used
6. preparation process for glass prior to toughening
7. industry standards that must be met
8. the glass toughening process
9. how to check toughened glass meets specifications
10. what to do if the finished product does not meet specification and standards
11. type of problems that could occur and the standard operating procedures for dealing with them
12. information systems used
13. why it is important to use the information systems

GQAGP01



Process glass products by toughening

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Suite Glass Processing

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