

Overview

This standard covers the skills and knowledge required to anneal glass products and materials in glass processing. It covers annealing the glass by using the appropriate equipment and applying the correct control to maintain the required temperature gradient. It also covers finishing the annealing process using the appropriate finishing processes.

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. control condition of glass during the annealing process to meet specifications
4. monitor application of the annealing process to meet specifications
5. confirm glass is removed after the annealing process following standard operating procedures
6. prepare glass for any further work to meet specifications
7. identify any problems and deal with them following standard operating procedures
8. record information 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. specifications for annealing different glass
4. how to monitor the annealing process
5. the annealing process and equipment involved
6. characteristics of glass which affect the annealing process
7. adjustments made to correct the annealing process
8. the type of problems that could occur and the standard operating procedures for dealing with them
9. information systems used
10. why it is important to use information systems

Monitor the glass annealing process

Developed by GQA

Version Number 2

Date Approved 30 Mar 2020

Indicative Review Date 31 Mar 2025

Validity Current

Status Original

Originating Organisation Proskills

Original URN PROGP18

Relevant Occupations Glass and Ceramic Maker Decorator Finisher

Suite Glass Processing

Keywords Glass Processing; decorator; unit maker; operator; packing; blower; cutter; painter; processor; cold end; craft; laminated; screen; warehousing
