



Australian Government

MSF GG3027 Toughen glass

Release: 1

MSFGG3027 Toughen glass

Modification History

Release 1. Supersedes and is equivalent to MSFGG3011 Set up and operate glass toughening equipment.

Application

This unit describes the skills and knowledge required to set up, operate, monitor and maintain glass toughening equipment.

This unit applies to glass processing workers toughening glass in accordance with pre-determined work orders.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

N/A

Unit Sector

Glass and Glazing

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for work	1.1 Read work instructions and identify job and quality requirements 1.2 Identify and follow work health and safety requirements, using all required personal protective equipment 1.3 Identify quality procedures for each stage of the process 1.4 Plan work sequence in a logical order to suit the job and workplace procedures 1.5 Establish and maintain communication with others involved with the work to ensure efficient work flow coordination, personnel cooperation and safety
2. Set up equipment	2.1 Complete pre-operational equipment checks in accordance with workplace procedures 2.2 Confirm machine operation through quality checks on first

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	production of finished items 2.3 Make adjustments to settings and parameters based on initial quality checks
3. Conduct glass toughening operations	3.1 Prepare glass to be toughened for process in accordance with workplace procedures 3.2 Position glass to be toughened on furnace load table and stamp with product identification in accordance with workplace procedures 3.3 Load glass into furnace in accordance with manufacturer instructions and workplace procedures 3.4 Monitor furnace operation and make adjustments, as required, in accordance with manufacturer instructions or workplace procedures 3.5 Identify and report problems occurring during work operations to appropriate persons 3.6 Follow correct furnace shutdown and end of shift procedures in accordance with manufacturer instructions and workplace procedures
4. Complete work and maintain equipment	4.1 Inspect completed product for compliance with quality and work order requirements and accept or reject in accordance with workplace procedures 4.2 Place completed work in holding area in accordance with workplace procedures 4.3 Unload glass from furnace in accordance with manufacturer instructions and workplace procedures 4.4 Clean work area and safely dispose of rubbish 4.5 Inspect, maintain and tag equipment in accordance with workplace procedures 4.6 Remove and store tools, equipment and unused materials in accordance with workplace procedures 4.7 Accurately complete required workplace documentation

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to MSFGG3011 Set up and operate glass toughening equipment.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>