



Australian Government

Assessment Requirements for MSFGG4013

Set up operate and maintain a glass processing line

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MSF GG4005 Set up, configure, upgrade and troubleshoot glass and glazing plant and ancillary equipment.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- set up, operated and maintained the operation of glass processing plant and equipment (comprising at least 3 different pieces of equipment) from process start to finish.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- workplace safety systems for plant and equipment
- general operating principles and features of glass and glazing processing plants, including:
 - process control philosophies, strategies and systems
 - systems operating parameters and integrity limits
 - architecture and location of the glass process and/or production equipment
 - interactions between glass plant items and/or processes and between plant units within entire plant
 - communication systems and protocols
 - emergency shutdown procedures
- organisational procedures for the operation of a specific glass plant
- glass product specifications and quality standards
- types, characteristics and uses of glass plant and equipment, including those for all of the following both cutting and processing lines, both NC and CNC
- features and formats of glass and glass processing plant technical specifications and repair manuals
- principles and techniques of machine setting and adjustment
- troubleshooting procedures for testing equipment, typical fault conditions and relevant fault finding procedures
- maintenance and repair planning, processes and techniques
- procedures for attaching ancillary device(s) to non-NC and/or CNC machines
- measuring devices and techniques for checking glass products
- effects of changes to cutting feeds and speeds
- hazards and control measures associated with computer-controlled machines, including housekeeping.

Assessment Conditions

Skills must have been demonstrated in a glass and glazing production workplace.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

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