



Australian Government

Assessment Requirements for MSFGG3006 Process glass by automatic machines

Release: 1

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Modification History

Release 1 - New unit of competency

Performance Evidence

- Identify the materials, patterns/plans, processes, machines, equipment and settings to undertake a glass cutting, drilling, shaping and/or edging task with automatic machines
- Apply safe handling requirements for automatic machines, equipment, products and materials, including use of personal protective equipment
- Set up for and prepare to process glass
- Using developing workplace technology related to the processing of glass by automatic machines, including handling aids, tools and equipment
- Using pre-checking and inspection techniques to anticipate processing problems, and avoid re-working and wastage
- Follow work instructions, operating procedures and inspection practices to:
 - minimise the risk of injury to self and others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Load and position sheets onto automatic cutting, drilling and edging machines
- Perform tool and machinery checks and cut given dimensions from stock sheets with minimal wastage/off-cuts
- Drill and edge glass to specification
- Cut shapes from optimisation data
- Remove, pack and store processed glass, including labelling for despatch
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures
- Avoid backtracking, work flow interruptions or wastage
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity

Knowledge Evidence

- Qualities and characteristics of glass, including hazards and handling requirements
- Workplace safety system requirements related to glass processing by automatic machines
- Correct identification of automatic glass processing machines, including their functions and procedures
- Set-up and operation of automatic glass processing machines, including procedures for reporting machine/product defects or equipment faults
- Work flow requirements in relation to glass processing

Assessment Conditions

- Assessors must:
 - hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors
 - have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification
 - be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.
- Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts.
- Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, multimedia evidence, supervisor's reports, projects and work samples.
- Assessment is to be conducted on single units of competency or in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.
- Assessment must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to automatic glass processing equipment, an appropriate work area, standard operating procedures, work orders, unprocessed materials and appropriate safety and personal protection equipment.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>