



Australian Government

Assessment Requirements for MSFGG3004 Process thick glass

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 processing task
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Set up for and prepare to process glass
- 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
- Use AS/NZS 4667:2000 Quality requirements for cut-to-size and processed glass to process glass to specifications
- Complete straight cuts by hand and diamond saws, simple shapes, truncated and radius corners, circles and ovals in annealed and laminated glass 12 mm and over and up to 1.0 m²
- Rough and smooth arrise annealed and laminated glass 12 mm and over by hand and up to 0.5 m²
- Drill holes with diamond drills in annealed glass 12 mm and over and up to 0.5 m²
- Use mathematical ideas and techniques to correctly complete measurements, calculate area, estimate glass requirements and minimise waste
- 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
- Identification of glass processing equipment, functions and procedures
- Set-up and operation of glass processing equipment, including procedures for reporting product defects or equipment faults
- Workplace safety system requirements related to glass processing
- 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 glass sheet/product greater than 12 mm thick; processing facilities/equipment, such as cutting equipment and glass edging/drilling equipment; a work table and appropriate work area; work orders; and appropriate safety and personal protective equipment.

Links

Companion Volume implementation guides are found in VETNet -

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