



Australian Government

Assessment Requirements for MSFGG2007 Process glass by basic machines

Release: 1

Assessment Requirements for MSFGG2007 Process glass by basic machines

Modification History

Release 1 - New unit of competency

Performance Evidence

- Interpret work order and locate and apply relevant information
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Identify materials used in the work process
- Follow work instructions, operating procedures and inspection processes to:
 - minimise the risk of injury to self or others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Apply AS/NZS 4667:2000 Quality requirements for cut-to-size and processed glass
- Set up for and prepare to process glass identifying and using AS/NZS 4667:2000 Quality requirements for cut-to-size and processed glass
- Complete straight cuts, truncated and radius corners, circles and fan holes, and pay holes by basic cutting machine in glass up to 7 mm in annealed, and laminated glass up to 1.0 m²
- Cut up to 7 mm annealed and laminated glass using a diamond saw
- Arrise, grind and polish flat, round and mitre edges on up to 7 mm annealed, and laminated glass up to 0.5 m²
- Drill holes with tungsten or diamond drill bits in up to 7 mm annealed, and laminated glass up to 0.5 m²
- Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements
- 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 basic machines
- Identification of glass processing equipment, including functions and procedures
- Set-up and operation of glass processing equipment, 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 glass sheet/product up to 7 mm thick, processing facilities/equipment (such as basic cutting and edging machines), table, work area, work orders 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>