



Australian Government

Assessment Requirements for MSFGG3011 Set up and operate glass toughening equipment

Release: 1

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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
- Identify the features of the glass toughening process, including the principles, purpose and properties of toughened glass
- Identify the procedures required in the glass toughening process
- Perform pre-inspection and preparation procedures on glass for toughening and safely load and operate a glass toughening furnace
- Perform testing, classification and marking of toughened glass in accordance with AS/NZS 2208:1996 Safety glazing materials in buildings
- 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

- Correct procedures for the set-up, operation and operator maintenance of glass toughening equipment
- Work flow requirements relating to the operation of glass toughening equipment
- Workplace procedures for the reporting of material, product or equipment faults
- Characteristics of materials used and uses of products produced in the glass toughening process
- Correct identification of relevant equipment, processes and procedures
- Workplace safety system requirements related to the operation of glass toughening equipment

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 toughening equipment, workplace operating procedures, unprocessed materials, personal protective equipment and an appropriate work area.

Links

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