



Australian Government

Assessment Requirements for MSFGG3019 Conduct commercial and structural re-glazing

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
- Safely remove glass from commercial and architectural frames and prepare frame and opening, including clean-up
- Measure glass for commercial projects, doors, show and/or food cabinets, including sliding tracks, shopfronts and returns, architectural, curtain wall, structural and/or overhead glazing
- Select glass to comply with AS 1288:2006 Glass in buildings - Selection and installation – Section 9
- Cut and process glass in accordance with AS/NZS 4667:2000 Quality requirements for cut-to-size and processed glass
- Work at heights and on scaffolding to the relevant regulations and standards
- Apply suitable glazing, structural sealants and tapes
- Calculate the cost of glass, fittings, materials and labour
- 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

- Types, qualities and characteristics of glass, including hazards and handling requirements
- Relevant Australian Standards
- Techniques, methods, materials and process of commercial and structural re-glazing
- Work flow requirements in relation to fitting glass
- Correct application and operation of tools and equipment used
- Identification of equipment, processes and procedures
- Types of silicone products and their use, including structural silicone
- Workplace safety system requirements related to commercial and structural re-glazing
- Regulations and standards for safe working at heights and on scaffolding

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 frames, glass, fixing material, sealants, workplace operating procedures and work orders, personal protective equipment and an appropriate work area/site.

Links

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