Assessment Requirements for MSFSL3004 Prepare and install architectural engineered leadlight and stained glass

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 structural leadlight and stained glass, their properties, uses and limitations
- Assess the likely impact of various environmental effects on architectural leadlight and stained glass
- Prepare and install at least one architecturally engineered leadlight and stained glass component that can be a curtain wall/panel, suspended panel or a balustrade
- Comply with legislation, regulations, standards, codes of practice and established safe practices and procedures for structural leadlight and stained glass
- 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

- State or territory WHS legislation, regulations, standards and codes of practice relevant to the full range of processes for leadlight and stained glass operations
- Architectural leadlight and stained glass construction terminology and techniques
- Organisational and site standards, requirements, policies and procedures for preparation and installation of architectural leadlight and stained glass
- Types of glass and other materials used in the leadlight and stained glass industry, their characteristics, properties, uses and limitations
- Environmental protection requirements relating to the disposal of waste material
- Established communication channels and protocols
- Relevant problem identification and resolution
- Storage systems and labelling
- Procedures for the recording, reporting and maintenance of workplace records and information
- Appropriate mathematical procedures for estimation and measurement

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 a location, materials, equipment and specifications relevant to installing structural leadlight and stained glass.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27 b03ed73