



Australian Government

Assessment Requirements for MSFSL3007 Fuse glass

Release: 1

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Modification History

Release 1. New unit

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria and include:

- following work instructions, SOPs and safe work practices
- identifying and interpreting specifications, drawings, standards and other relevant information for fusing glass
- applying safe handling requirements for equipment, products and materials, including the use of PPE
- identifying and selecting materials to be used in the work process
- using mathematical ideas and techniques to complete measurements, including calculating area and estimating material requirements
- using tools and equipment in a safe and effective manner
- completing a minimum of:
 - three (3) differing fusing techniques to the capacity of the kiln being used (examples: tack fusing, full fusing, raking, pattern bar and pate de verre) to industry standards
- providing evidence of testing and quality control and the ability to understand and use kiln firing schedules ensuring correct annealing of fused glass components
- disposing of waste and scrap material in accordance with environmental guidelines and workplace procedures
- communicating and working effectively and safely with others.

Knowledge Evidence

Evidence required to demonstrate the required knowledge for this unit must be relevant to and satisfy the requirements of the elements and performance criteria and include knowledge of:

- safe work practices and procedures and use of PPE
- qualities and characteristics of fusing glass, including hazards and handling requirements
- correct identification of equipment, processes and procedures for fusing glass
- procedures for reporting materials, product or equipment faults
- correct operation of kilns and understanding of the development of kiln firing schedules
- relevant problem identification and resolution
- work flow requirements related to fusing of glass
- environmental protection requirements relating to the disposal of waste material
- established communication channels and protocols
- characteristics of materials used and uses of products produced.

Assessment Conditions

- Assessors must:
 - satisfy the assessor competency requirements that are in place at the time of the assessment as set by the VET regulator
 - have vocational competency in fusing glass at least to the level being assessed with relevant industry knowledge and experience
- Where possible assessment must occur in operational workplace situations. Where this is not possible or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment that reflects realistic operational workplace conditions that cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Links

Companion Volume implementation guides are found in VETNet -

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