



Australian Government

Assessment Requirements for MEM19017 Fabricate jewellery items

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM19017B Fabricate jewellery items

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria on at least two (2) occasions and include:

- following work instructions, standard operating procedures (SOPs) and safe work practices
- identifying and interpreting specifications, drawings, job sheets or work instructions to fabricate jewellery items
- selecting appropriate preparation and fabrication techniques and tools
- selecting and preparing materials for fabrication
- fabricating jewellery items in accordance with SOPs and specification requirements
- finishing jewellery items in conformance with specifications
- completing workplace documentation and cleaning work space
- identifying and rectifying problems/errors.

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 personal protective equipment (PPE)
- metals and materials for fabricating a range of jewellery items and designs
- common jewellery design features, constructions and finishes
- metal preparation and fabrication techniques to suit different design requirements
- factors affecting the selection of preparation and fabrication methods
- materials and consumables for given jewellery fabrication jobs
- properties and characteristics of applicable metals
- ratios to create required grade, quality and composition of metals
- melting temperatures and preparation methods for melting applicable metals
- types of ingot moulds and their characteristics and applications
- methods, applications, equipment types and operational requirements for rolling and drawing metals
- process for annealing metals to prevent work hardening
- procedures for checking serviceability of applicable tools and equipment
- tools, techniques and materials for embellishing and polishing

- procedures for storage and packaging, presentation of finished items and security measures for protection of jewellery items
- procedures for identification and rectification of problems/errors.

Assessment Conditions

- Assessors must:
 - have vocational competency in fabricating jewellery items at least to the level being assessed with relevant industry knowledge and experience
 - satisfy the assessor requirements in the *Standards for Registered Training Organisations 2015* or its replacement and comply with the *National Vocational Education and Training Regulator Act 2011*, its replacement or equivalent legislation covering VET regulation in a non-referring state/territory as the case requires
- 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. This must 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.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2>