



Australian Government

Assessment Requirements for MEM19032 Design and implement mechanisms in jewellery items

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM19032A Design and implement mechanisms in 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 and include:

- following work instructions, standard operating procedures (SOPs) and safe work practices
- determining mechanism requirements and developing design and production specifications
- identifying factors and conditions affecting the design
- selecting components and materials to meet design requirements on at least two occasions
- producing illustrations or renderings and confirming final design
- manufacturing mechanisms on at least two occasions using appropriate tools, equipment and fabrication techniques according to SOPs
- ensuring all components and moving parts conform to design specifications.

Note: Where a volume and/or frequency is not specified, demonstration must be provided at least once.

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)
- types and applications of mechanisms
- components of mechanisms
- materials and factors affecting selection of materials
- production and fabrication techniques for manufacturing a range of pins, joints and catches
- tools and equipment used for manufacturing mechanisms
- environmental requirements for work.
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Assessment Conditions

- Assessors must:

- have vocational competency in designing and implementing mechanisms in 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
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Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2>