



Australian Government

**Assessment Requirements for MEM19031
Produce renderings and technical drawings
for jewellery or object design construction**

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM19031A Produce renderings and technical drawings for jewellery and object design construction.

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
- identifying and collecting data necessary from the specifications and design features to produce the drawing or render
- selecting equipment appropriate to the illustration method and requirements
- using colour, contour, shadow and highlight techniques for emphasis to display jewellery or object design concept
- using drawings to demonstrate the technical and visual features of jewellery or object design which will enable construction according to design requirements, on at least two occasions
- preparing and presenting drawings and supporting information that will appeal to the specific needs of the intended audience, including specific design information and recommendations, on at least two occasions.

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
- documentation, storage and retrieval processes
- isometric and orthographic drawing perspectives
- drawing equipment and applications, storage and maintenance
- drawing methods, protocols and symbols used in technical drawings for jewellery or object manufacture
- rendering applications and techniques and tools for the creation of illustration effects
- jewellery or object design features and decorative finishes
- properties of metals used in practical manufacturing applications
- options available for drawing presentation.

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Assessment Conditions

- Assessors must:
 - have vocational competency in producing renderings and technical drawings for jewellery or object design construction 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>