



Australian Government

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

Release: 1

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

Modification History

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

Application

This unit of competency defines the skills and knowledge required to produce renderings and technical drawings to enable design construction.

This unit applies to jewellery and object designers, and to situations where the design has been finalised. The drawings and renderings would typically be used to develop production concepts, for marketing, or to record details necessary for construction by self or others.

Where the production of jewellery illustrations is required for practical application or trade work, such as manufacturing, modifying or repairing jewellery items, see unit MEM19002 Prepare jewellery illustrations.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Band: A

Unit Weight: 2

Pre-requisite Unit

MEM13015 Work safely and effectively in manufacturing and engineering

MEM16006 Organise and communicate information

Competency Field

Jewellery

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Determine job requirements	1.1 Follow standard operating procedures (SOPs) 1.2 Comply with work health and safety (WHS) requirements at all times

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Identify job requirements from specifications
2. Produce drawing or render	2.1 Select media and equipment and identify and collect data in accordance with job requirements 2.2 Plan the stages, materials, tools and equipment for drawing or render for efficient process 2.3 Produce drawing or render in a manner that maximises visual appeal of jewellery or object design features while conveying technical details necessary for construction 2.4 Apply drawing protocols to specify required construction details and dimensions 2.5 Check and confirm drawing or render and accompanying documentation are consistent with design
3. Finalise drawing for presentation	3.1 Select drawing presentation and production technique that enhances impact of jewellery or object design features and its appeal to the intended audience 3.2 Handle and issue working and reference drawings in accordance with SOPs 3.3 Prepare required supporting information to accompany drawing

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Specifications include one or more of the following:	• job sheets • sketches • work instructions.
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Design features include one or more of the following:	• materials • dimensions • colour • texture • scale.
Appropriate equipment includes one or more of the following:	• compass • set square • ruler • graphite/colour pencils • cartridge paper • pencils • ink (brush, pen or wash) • charcoal (natural or compressed) • conte • crayons • gouache • coloured pencils • felt tip markers • paper (a range of weights, textures and colours) • collage • paints.
Accompanying documentation includes one or more of the following:	• specific design information • recommendations.
Drawing presentation and production techniques include one or more of the following:	• type and grade of paper • printing • digital format.

Unit Mapping Information

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

Links

Companion Volume implementation guides are found in VETNet -

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