



Australian Government

Department of Education, Employment and Workplace Relations

MEM19002B Prepare jewellery illustrations

Release: 1

MEM19002B Prepare jewellery illustrations

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers producing jewellery illustrations using manual and electronic procedures and equipment.
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Application of the Unit

Application of the unit	This unit applies to the development of jewellery illustrations used for practical application, such as manufacturing, modifying or repairing jewellery items. Illustrations could be developed using manual and electronic procedures and equipment. Where a CAD system is used, the appropriate units should also be selected. Illustrations would typically be based on customer and/or work instructions and associated documents. Where interpersonal and customer/client service skills are required, the appropriate units should also be considered. Where computerised storage and retrieval systems are used, Unit MEM16008A (Interact with computing technology) should also be selected. Band: A Unit Weight: 4
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		
Path 1	MEM16006A	Organise and communicate information

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Identify drawing specifications	1.1. Specifications are identified from appropriate sources. 1.2. Required data is identified and collected. 1.3. Appropriate equipment is selected.
2. Prepare or modify drawing	2.1. Illustrations are consistent with enterprise standard operating procedures. 2.2. Illustration is rendered, if applicable. 2.3. Illustration and accompanying documentation are approved in accordance with standard operating procedures.
3. File/store of illustration	3.1. Working and reference drawings/illustrations are used/stored/filed/copied/issued in accordance with standard operating procedures.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

Look for evidence that confirms skills in:

- identifying and collecting data necessary to produce the illustration
- selecting equipment appropriate to the illustrating method and requirements
- using colour, contour, shadow/highlight techniques for emphasis to display jewellery design concept
- interpreting and clarifying illustration requirements
- drawing and rendering
- modifying drawings

Required knowledge

Look for evidence that confirms knowledge of:

- common documentation, storage and retrieval
- isometric and orthographic drawing perspectives
- drawing equipment and applications, storage and maintenance
- drawing methods

REQUIRED SKILLS AND KNOWLEDGE

- rendering applications and techniques and tools for the creation of illustration effects
- jewellery designs - e.g. shanks, settings styles, shoulders, decorative finishes
- working properties of jewellery metals used in practical manufacturing applications

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment

A person who demonstrates competency in this unit must be able to prepare jewellery illustrations. Competency in this unit cannot be claimed until all prerequisites have been satisfied.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Assessors must be satisfied that the candidate can competently and consistently perform all elements of the unit as specified by the criteria, including required knowledge, and be capable of applying the competency in new and different situations and contexts.

Context of and specific resources for assessment

This unit may be assessed on the job, off the job or a combination of both on and off the job. Where assessment occurs off the job, that is the candidate is not in productive work, then an appropriate simulation must be used where the range of conditions reflects realistic workplace situations. The competencies covered by this unit would be demonstrated by an individual working alone or as part of a team. The assessment environment should not disadvantage the candidate.

This unit could be assessed in conjunction with any other units addressing the safety, quality, communication, materials handling, recording and reporting associated with preparing jewellery illustrations or other units requiring the exercise of the skills and knowledge covered by this unit.

Method of assessment

Assessors should gather a range of evidence that is valid, sufficient, current and authentic. Evidence can be gathered through a variety of ways including direct observation, supervisor's reports, project work, samples and questioning. Questioning techniques should not require language, literacy and numeracy skills beyond those required in this unit of competency. The candidate must have access to all tools, equipment, materials and documentation required. The candidate must be permitted to refer to any relevant workplace procedures, product and manufacturing specifications, codes, standards, manuals and reference materials.

EVIDENCE GUIDE**Guidance information for assessment****Range Statement****RANGE STATEMENT**

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Specifications

Design information, customer ideas/ concepts/ expectations/requirements, sketches, preliminary layouts, work instructions, job packets and associated documents

Required data

Material, dimensions, stone sizes, customer sizing, special requests e.g. engraving

Appropriate equipment

Compass, set square, ruler, range of graphite/colour pencils, cartridge paper

Accompanying documentation

Quotation, specific design information and recommendations

Unit Sector(s)**Unit sector****Co-requisite units****Co-requisite units**

Co-requisite units		

Competency field

Competency field	Jewellery and horological
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