



Australian Government

MEM19043 Oversee jewellery or object design production

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM19043A Oversee jewellery or object design production.

Application

This unit of competency defines the skills and knowledge required to manage the production of jewellery or objects to ensure they comply with design specifications and quality standards. It covers the management of the production process and the implementation of a prototype and includes working with other specialists and industry suppliers to ensure that design specifications and intent are achieved in the final product.

Production can be of one-off or mass-produced items and be manufactured in-house or using external resources.

This unit applies to individuals with extensive skills and knowledge in project management, jewellery or object design, materials and construction techniques.

High-level judgement is required in planning and selecting appropriate processes or procedures.

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

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 1.3 Use personal protective equipment (PPE) in accordance with

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	SOPs
2. Select production processes	2.1 Examine design brief and specifications to determine required production expertise and services for jewellery or object 2.2 Establish quality and service criteria for production processes 2.3 Research possible jewellery or object suppliers or manufacturers and select most suitable resources 2.4 Confirm that production process meets organisational objectives and performance systems 2.5 Document production brief and plan with clear information on process, resources and responsibilities
3. Brief production personnel	3.1 Negotiate production arrangements and establish performance targets with key production personnel 3.2 Assign tasks according to available expertise and production requirements 3.3 Provide and explain jewellery or object design specifications, drawings and all relevant information to production personnel 3.4 Establish relevant technical, monitoring and reporting procedures
4. Monitor production	4.1 Maintain ongoing communication with personnel to ensure obligations, quality, timelines, budget and technical constraints are met 4.2 Address problems and make required production modification decisions 4.3 Ensure production changes are documented and reflected in design documentation 4.4 Monitor production activities to ensure compliance with WHS practices
5. Evaluate final product	5.1 Collate and evaluate information on development process 5.2 Assess jewellery or object outcome against specifications 5.3 Assess production outcomes with personnel to review strengths and weaknesses of process 5.4 Assess actual costs against projected costs and identify reasons for discrepancies 5.5 Complete evaluation, production and design documentation to

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	inform reproduction

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.

Quality and service criteria for production includes one or more of the following:	• delivery • material quality • availability of resources • quality of components • standard of work • cost • timelines • capability of personnel • experience • specific expertise.
Production arrangements include one or more of the following:	• costs • timelines • quality standards • key personnel • materials • preferred processes, designs and techniques.
Design documents include one or more of the following:	• sketches • illustrations • concept drawings • working drawings • technical data

	• supporting information • specifications • production plans.
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Unit Mapping Information

Release 1. Supersedes and is equivalent to MEM19043A Oversee jewellery or object design production.

Links

Companion Volume implementation guides are found in VETNet -

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