



Australian Government

MEM19014 Perform hand engraving

Release: 1

MEM19014 Perform hand engraving

Modification History

Release 1. Supersedes and is equivalent to MEM19014B Perform hand engraving

Application

This unit of competency covers the skills and knowledge required for performing basic hand engraving using hand tool applications. Work includes block and script lettering and carving techniques on mostly flat surfaces to achieve patterns in relief or intaglio.

Where the work being performed requires the item to have shaping/drilling/contour modification using power tools unit MEM18002 Use power tools/hand held operations should also be selected.

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

Band: A

Unit Weight: 4

Pre-requisite Unit

MEM11011	Undertake manual handling
MEM13015	Work safely and effectively in manufacturing and engineering
MEM16006	Organise and communicate information
MEM18001	Use hand tools

Competency Field

Jewellery and horological

Elements and Performance Criteria

Elements describe the essential outcomes.		Performance criteria describe the performance needed to demonstrate achievement of the element.	
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 describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

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|---|--|-----|--|
| | | 1.3 | Use appropriate personal protective equipment (PPE) in accordance with SOPs |
| | | 1.4 | Identify job requirements from specifications, sketches, job sheets or work instructions |
| 2 | Select and maintain engraving equipment and accessories | 2.1 | Identify sequence of procedures and select appropriate equipment |
| | | 2.2 | Prepare gravers to industry standards |
| 3 | Perform hand engraving | 3.1 | Measure item and mark out for engraving |
| | | 3.2 | Position work piece and hold or clamp effectively and without damage to the work piece |
| | | 3.3 | Undertake work according to SOPs and industry standards |

Foundation Skills

This section describes those required skills (reading, writing, oral communication and numeracy) that are essential to workplace performance in this unit of competency.

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.

Engraving requirements include one (1) or more of the following:

- block lettering
- script lettering
- pictures
- carvings

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- size requirements
- style requirements

Equipment includes one (1) or more of the following:

- scorpers
- gravers

Unit Mapping Information

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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>