



Australian Government

Assessment Requirements for MEM19014 Perform hand engraving

Release: 1

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Modification History

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

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria on at least two (2) occasions and include:

- following work instructions, standard operating procedures (SOPs) and safe work practices
- identifying the engraving sequence and selecting the gravers, scorers and other applicable tools required to meet specifications
- measuring and marking out using datum lines or points for engraving and positioning and holding item without damage
- completing work according to work specifications
- maintaining the engravers by machining and sharpening graver shape and cutting angles in accordance with SOPs.

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 and use of personal protective equipment (PPE)
- engraving terminology
- sources of task-related information
- securing methods and limitations
- different gravers and scorers and their applications
- techniques for producing and maintaining cutting edges
- equipment and techniques used for maintaining gravers
- hand engraving techniques for letters and basic pictures and carvings.

Assessment Conditions

- Assessors must:
 - have vocational competency in performing hand engraving 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.

Links

Companion Volume implementation guides are found in VETNet -

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