



Australian Government

Assessment Requirements for MEM19063

Use a faceting machine

Release: 1

Assessment Requirements for MEM19063 Use a faceting machine

Modification History

Release 1. New unit.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria and include:

- following standard operating procedures (SOPs) and complying with work health and safety (WHS) requirements at all times
- setting up faceting equipment and completing required maintenance checklist on at least two occasions
- selecting gemstone pieces suitable for faceting
- using faceting equipment to produce and polish a faceted gemstone that meets industry standards on at least two occasions.

Note: Where a volume and/or frequency is not specified, demonstration must be provided at least once.

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:

- materials, equipment, tools, machinery and consumables used for the gemstone faceting and polishing process
- maintenance requirements for faceting machines
- characteristics of gemstone pieces that make them suitable for faceting
- techniques and processes used for faceting gemstones
- sources of materials and supplies for gemstone production cutting and polishing
- industry standards for gemstone faceting
- safety issues associated with the use of gemstone faceting and polishing:
 - materials
 - machinery
 - equipment
 - tools
 - consumables.
 -

Assessment Conditions

- Assessors must:

- have vocational competency in using gemstone faceting machinery 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 that 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>