



Australian Government

**Assessment Requirements for MEM19057
Research the gemstone market and
complete pre-cutting processes**

Release: 1

Assessment Requirements for MEM19057 Research the gemstone market and complete pre-cutting processes

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
- researching and documenting client buying preferences for cut and polished gemstone
- weighing and recording required gemstone information on at least two occasions
- safely cleaning and cutting stone on at least two occasions to maximise the yield and colour play from each stone
- safely completing cleaning, shaping and pre-forming processes 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:

- sources of information on market trends and preferences for gemstone products
- procedures for weighing and recording information about stones prior to cutting and the types of information to be recorded
- methods and processes to determine the best yield from a stone
- equipment required for pre-cutting processes
- types of unwanted material on stones
- safe operating procedures for handling, storing and cutting gemstones.
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Assessment Conditions

- Assessors must:
 - have vocational competency in completing pre-cutting processes for solid gemstones 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.
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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>