



Australian Government

Assessment Requirements for MEM19067

Apply advanced pre-cutting processes to complex gemstones

Release: 1

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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
- consulting with people to determine gemstone cutting preferences and possible strategies
- evaluating available information to make decisions about the outcome to be achieved
- completing all pre-cutting 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 is needed to satisfy the requirements of the elements and performance criteria, which are the following:

- how the geological formation and structure of gemstone fields informs the pre-cutting process
- process used to determine maximum yield and quality from stone
- current market trends and industry and jewellers' requirements relevant to the pre-cutting processes
- equipment required for pre-cutting processes
- safety and environmental issues associated with the use of gemstone pre-cutting:
 - materials
 - machinery
 - equipment
 - tools
 - consumables.
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Assessment Conditions

- Assessors must:
 - have vocational competency in applying advanced pre-cutting processes to complex 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>