



Australian Government

MEM19065 Obtain rough and polished gemstones

Release: 1

MEM19065 Obtain rough and polished gemstones

Modification History

Release 1. New unit.

Application

This unit of competency defines the skills and knowledge required to obtain rough and polished gemstones according to appropriate standards and protocols. It is based on deleted unit CUVOPA405A Obtain opal.

This unit applies to individuals who use knowledge of gemstone processing and broader business practices to determine options for purchasing gemstones.

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

Band: A

Unit Weight: 1

Pre-requisite Unit

MEM13015 Work safely and effectively in manufacturing and engineering

MEM16006 Organise and communicate information

Competency Field

Jewellery

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Determine job requirements	1.1 Follow standard operating procedures (SOPs) 1.2 Comply with work health and safety (WHS) requirements at all times 1.3 Identify job requirements from specifications, client requirements, job sheets or work instructions 1.4 Investigate cut and polished gemstone markets 1.5 Identify the market segment for which the gemstone is to be obtained

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Investigate sources of rough gemstones	2.1 Identify sources of rough gemstones 2.2 Determine methods, procedures and protocols for obtaining rough gemstones 2.3 Investigate the benefits of buying parcels of classed gemstones (whole or part) or buying single rough gemstones
3. Source gemstones	3.1 Comply with accepted methods, procedures, protocols and ethics when sourcing gemstones 3.2 Use negotiation techniques to solve problems and finalise interactions

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

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.

Specifications include one or more of the following:	• client requirements • job sheets • work instructions.
Markets for cut and polished gemstones include one or more of the following:	• boutique jewellers • craft stores or markets • gemstone dealers • hobby jewellers • internet auction sites • internet marketing • retail and wholesale jewellers • rock and gem shows • souvenir markets.

Sources of rough gemstone include one or more of the following:	• gem and rock clubs • internet • lapidary supply shops • mining operation • noodling • gemstone buyers • gemstone miners • gemstone-specific stores • retail rock shops • rock and gem shows • trading newspapers • trash and treasure meets • wholesale gemstone dealers.
Considerations when buying parcels of classed gemstone include one or more of the following:	• considering whether the whole parcel is of use • determining whether to on-sell a segment of the parcel • determining whether the price is appropriate • negotiating the price • paying extra for segment • splitting the parcel • understanding how the parcel price was established • verifying: • the origin • that the gemstone has been classed • how long it has been for sale.
Protocol and ethics include:	• binding nature of handshake deals • complying with noodling requirements • ensuring agreement of all parties • keeping transactions private • making appointments before visiting • not entering unattended claims or property • respecting privacy and property.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2>

Assessment Requirements for MEM19065 Obtain rough and polished gemstones

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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 the current market for cut and polished gemstones
- obtaining polished gemstones for an identified market segment on at least two occasions in accordance with accepted methods, procedures, protocols and ethics
- obtaining rough gemstones for an identified market segment on at least two occasions in accordance with accepted methods, procedures, protocols and ethics.

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:

- markets for cut and polished gemstones
- sources and methods for obtaining gemstones including the advantages and disadvantages of using each source
- accepted methods, procedures, protocols and ethics that apply to buying gemstones
- benefits and drawbacks of buying parcels of classed gemstones (whole or part) compared with buying single rough gemstones.
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Assessment Conditions

- Assessors must:
 - have vocational competency in obtaining 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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