



Australian Government

MSMSUP292 Sample and test materials and product

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MSAPMSUP292A Sample and test materials and product

Application

This unit of competency covers the skills and knowledge required to take routine samples and conduct simple tests.

This unit of competency applies to operators who are required to take samples in the workplace, perform a narrow range of simple tests and interpret the results and take specified action based on those results.

It applies to simple, routine tests to procedure which will typically be done in the workplace or in a 'factory laboratory' (or bench) adjacent to or within the factory.

This unit of competency is typically performed by operators working either independently or as part of a work team.

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

Pre-requisite Unit

Nil

Competency Field

Support

Unit Sector

Elements and Performance Criteria

Elements describe the essential outcomes

Performance criteria describe the performance needed to demonstrate achievement of the element

1	Take sample	1.1	Determine type of sample and sampling equipment required
		1.2	Check sampling equipment is clean and in good order
		1.3	Take sample of required type, from the required place

- and at the required time and place in required container
- 1.4 Label sample to procedure
 - 1.5 Carry sample to required place
- 2 Complete test
- 2.1 Check test required from procedures
 - 2.2 Check sample identification and integrity
 - 2.3 Check test equipment is clean, in good order and within calibration
 - 2.4 Complete test required in accordance with standard procedures/instructions
- 3 Interpret results and take action
- 3.1 Note anything about sample, equipment or the test itself which may have caused it to give a bad result
 - 3.2 Compare results to specification
 - 3.3 Take action appropriate to the test results and any other observations
- 4 Complete sample and test cycle
- 4.1 Complete required records
 - 4.2 Store and/or dispose of sample as required
 - 4.3 Clean all equipment and leave ready for next sample/test

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.

Regulatory framework The latest version of all legislation, regulations, industry codes of practice and Australian/international standards, or the version specified by the local regulatory authority, must be used, and include one or more of the following:

- legislative requirements, including work health and safety (WHS)
- industry codes of practice and guidelines
- environmental regulations and guidelines
- Australian and other standards
- licence and certification requirements

Procedures All operations must be performed in accordance with relevant procedures.

Procedures are written, verbal, visual, computer-based or in some other form, and include one or more of the following:

- test methods
- sampling techniques
- work instructions
- standard operating procedures (SOPs)
- safe work method statements (SWMS)
- emergency procedures
- formulas/recipes
- batch sheets
- temporary instructions
- any similar instructions provided for the smooth running of the plant

Unit Mapping Information

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Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=d1287d36-dff4-4e9f-ad2c-9d6270054027>