



Australian Government

MEM15005 Select and control inspection processes and procedures

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM15005B Select and control inspection processes and procedures

Application

This unit of competency defines the skills and knowledge required to select inspection and test procedures to inspect products for conformance to specifications and control the inspection/test environment and equipment. It applies to a range of manufacturing enterprises where inspection involves working autonomously and taking responsibility for overseeing inspection process and environment.

This person would use a wide range of equipment/instruments and take responsibility for the reliability of inspection results to ensure conformance to specifications.

Where interpretation of technical drawings is required unit MEM09002 Interpret technical drawing should also be selected.

Where the selection and use of engineering measurement is required unit MEM12023 Perform engineering measurements should also be selected.

Where the selection and use of tools is required unit MEM18001 Use hand tools and unit MEM18002 Use power tools/hand held operations, as appropriate should also be selected.

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

Band: A

Unit Weight: 4

Pre-requisite Unit

MEM11011	Undertake manual handling
MEM13015	Work safely and effectively in manufacturing and engineering
MEM15004	Perform inspection
MEM16006	Organise and communicate information

Competency Field

Quality

Elements and Performance Criteria

Elements describe the essential outcomes.

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

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|---|--|--|
| 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 Use appropriate personal protective equipment (PPE) in accordance with SOPs |
| | | 1.4 Identify job requirements from specifications, job sheets or work instructions |
| | | |
| 2 | Select inspection/test procedures | 2.1 Select appropriate methods of inspection and implement |
| | | 2.2 Monitor inspection/test procedures to ensure desired outcomes |
| | | |
| 3 | Control inspection/test environment and equipment | 3.1 Monitor environmental conditions to ensure reliability of tests and results |
| | | 3.2 Check equipment/instruments for correct calibration |
| | | 3.3 Initiate calibration of equipment/instruments, as required |
| | | 3.4 Check validity of previous results if equipment/instruments are found to be out of calibration, and report according to SOPs |

Foundation Skills

This section describes those required skills (reading, writing, oral communication and numeracy) that are essential to workplace performance in this unit of competency.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

No range of conditions provided for this unit.

Unit Mapping Information

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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>