



Australian Government

**Assessment Requirements for MEM234036
Apply configuration management
procedures in engineering project
management**

Release: 1

Assessment Requirements for MEM234036 Apply configuration management procedures in engineering project management

Modification History

Release 1. Supersedes and is equivalent to MEM234036A Apply configuration management procedures in engineering project management.

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:

- determining the scope of the configuration management (CM) task and identifying CM configuration items.
- compiling CM documentation from systems engineering data
- establishing and reviewing configuration baselines during product development and production
- developing and implementing CM plans on at least two occasions
- training organisational staff in CM plan implementation
- reviewing CM performance
- establishing and maintaining CM status accounting databases and procedures on at least two occasions including maintaining baseline records
- participating in CM audits and managing the remedy of deficiencies.

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:

- CM plan
- use and application of CM in through-life management of product configuration
- CM standards and procedures
- relationship between CM and systems engineering during initial design and production
- iteration of the CM and systems engineering interface throughout the product life cycle and during modification development and configuration baseline revision
- relationship between CM and logistic support requirements including providing data and updates for integrated logistics support (ILS) plans throughout the product life cycle.
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Assessment Conditions

- Assessors must:
 - have vocational competency in applying configuration management procedures in engineering project management 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 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>