



Australian Government

Assessment Requirements for CPCMC8001 Plan and manage complex projects

Release: 1

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Modification History

Release 1.

This version first released with CPC Construction, Plumbing and Services Training Package Version 1.

Replaces superseded equivalent CPCMCM7001A Plan and manage complex projects.

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. The person must successfully design, implement, manage and finalise two complex projects.

For each project, the person must produce a detailed project plan outlining a process and methodology for the planning, scheduling and sourcing of human and other resources. Each plan must also:

- specify how the project team members will be resourced, assembled and briefed on roles, responsibilities and deliverables
- outline processes for managing and communicating with a team of diverse skills and roles, including:
 - architects
 - lead contractors
 - mechanical engineers
 - hydraulic engineers
 - electrical engineers
- specify a process for project reporting that details frequency and format of reports
- ensure the project aligns to and supports organisational strategies and requirements.

For each project, the person must identify:

- at least one key learning outcome from the project
- where this learning could refine and improve future complex project management processes.

Knowledge Evidence

A person demonstrating competency in this unit must be able to demonstrate knowledge of:

- processes and practices involved in developing budgets
- principles of team leadership and human resource management relating to managing others working on a complex project

- processes involved in risk management, risk analysis and planning
- legislation, codes and standards relevant to the specific project:
 - Australian standards
 - building Acts and regulations
 - infrastructure supply regulations
 - international standards
 - the National Construction Code
- reporting mechanisms relevant to updating and informing clients and other stakeholders of project progress
- roles and responsibilities of relevant building project personnel
- sustainability requirements relevant to the project:
 - energy conservation
 - water conservation
- tools and models of project management used in managing complex construction projects.

Assessment Conditions

Assessment must be conducted in the workplace or a close simulation of the workplace.

Suitable assessment of performance would require:

- equipment:
 - computer with internet and email access
 - proprietary software with spreadsheet and word processing functionality and project management capabilities
- materials:
 - current legislation, codes and standards relevant to the specific project and the jurisdiction in which the project work is taking place, including:
 - building Acts and regulations
 - infrastructure supply regulations
 - Australian standards
 - international standards
 - project documentation, including design or project briefs, drawings, specifications, construction schedules and other supporting documents
 - research resources, including product information and data.

Assessor requirements

Assessors must satisfy the assessor requirements in the Standards for Registered Training Organisations (RTOs) current at the time of assessment.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>