



**Australian Government**

# **Assessment Requirements for CPCCBC5002 Monitor costing systems on complex building and construction projects**

**Release: 1**

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## **Modification History**

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCCBC5002A Monitor costing systems on medium rise building and construction projects. Change to title. Updated to meet the Standards for Training Packages 2012.

## **Performance Evidence**

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by monitoring the costing systems for a Class 2 to 9 Type A building and construction project.

In doing this, the candidate must:

- produce schedules of expenditure from comparing the extent of actual costs to estimated cost
- produce accurate and timely financial reporting in the format required by the organisation
- plan and continuously revise the schedules of payments and cash flows to match contract performance and efficiency.

## **Knowledge Evidence**

To be competent in this unit, a candidate must demonstrate knowledge of:

- advanced estimating and costing systems used in the building and construction industry
- relevant government standards, codes of practice, legislation and licensing requirement for medium-rise construction projects
- building and construction costs:
  - building or construction materials
  - temporary on-site services and permanent utilities
  - human resources and specialist services labour
  - plant and equipment purchase, lease and operating
  - pre-cast and off-site prefabricated materials
  - consumables
- project finance cost centre
- financial principles:
  - evaluating and eliminating or reducing risk

- progress payments to maintain cash flow
- expenditure evaluation and overhead costs
- project cost reporting:
  - cost-benefit analyses of overtime payments
  - detailed summaries of actual costs against estimates
  - details of cost over-runs and savings on labour and contracting out
  - details of savings or under-expenditure on materials or supplies
  - equipment performance information and efficiencies
  - variations in rates occurring through rise and fall clauses and effects
  - wages, salaries and penalties
  - insurances, including workers' compensation premiums
- project processes and timelines.

## Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

Assessment can be undertaken in the workplace or in a simulated workplace environment.

A simulated environment is one that realistically replicates workplace conditions, materials and equipment, interactions with others and workplace irregularities, and which meets industry standards for safety and environmental practices.

Candidates must have access to:

- relevant and current project plans, specifications, codes, standards and regulations
- organisational policies, procedures and other quality documentation to undertake the performance criteria and assessment requirements
- organisational systems for cash flow and payments
- technology and applications to access, extract, integrate and compile information to facilitate monitoring costing systems on a construction project.

## Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>