Draft 0.1

This is our work-in-progress update to CPCCBC5003A Supervise the planning of on-site medium rise building or construction work: https://training.gov.au/Training/Details/CPCCBC5003A.

We are working with industry experts to ensure the updated unit:

- meets current and anticipated industry needs
- complies with current Standards for Training Packages
- is written in clear understandable English.

Information on our training package review and development process is available here: http://www.artibus.com.au/project-stage.

Summary of changes from current endorsed unit

Re-templated to meet Standards for Training Packages 2012.

Sequenced Elements and Performance Criteria.

Specified what and how performance is demonstrated in Performance Evidence.

Captured critical Range Statement items and included industry relevant knowledge in Knowledge Evidence.

Stated mandatory conditions and specific requirements for assessment.

CPCCBC5003
Supervise the planning of on-site medium rise building or construction work

Application

This unit of competency specifies the skills and knowledge required to supervise the planning process and organisation of on-site construction work for medium rise projects. It includes interpreting contract and planning requirements and developing strategies for scheduling human and physical resources effectively to comply with contractual obligations and meet planning timelines.

This unit applies to builders, related construction industry professionals and senior managers within building and construction firms who are self-directed and initiate and manage complex planning and scheduling.

Medium rise classification falls within National Construction Code (NCC) as Classes 1 and 10 construction, Classes 2 and 3 to a maximum of 3 storeys, and Classes 4 to 9 to a maximum of 3 storeys, not including Type A construction.

Prerequisite Unit

Nil.

Unit Sector

Construction.

Elements and Performance Criteria

1. Appraise project requirements.	1.1	Access, read and interpret copies of building approvals and conditions relating to the medium rise building or construction project.
	1.2	Review contracts to determine any unusual aspects of construction, conditions, use of materials or penalty provisions.
	1.3	Identify possible design problems and bring to the attention of project consultants.
	1.4	Review availability of subcontractors and their suitability to meet job requirements specific to medium rise projects.
	1.5	Review availability of materials and conditions of purchase and payment.
	1.6	Establish site access, temporary services and appropriate location of on-site facilities.
	1.7	Establish and maintain contact with relevant statutory building authorities.
2. Establish strategies and schedules.	2.1	Establish the project's critical path and sequence planned project operations.
	2.2	Develop project schedule incorporating delivery of physical resources and assignment of human resources.

	2.3	Plan and schedule for the removal of existing services and hazardous materials in accordance with regulatory and environmental requirements.
	2.4	Establish WHS site requirements for rehabilitation procedures, hazard identification and risk management.
	2.5	Develop project contingency strategies to consider anticipated delays.
	2.6	Establish strategies for the control of multiple projects.
3. Supervise on-site operations.	3.1	Inspect and record condition and structural integrity of on-site and surrounding buildings to be retained.
	3.2	Submit reports to owners and relevant stakeholders and retain copies.
	3.3	Supervise removal of unwanted structures, disconnection of unutilised services and site preparation.
	3.4	Direct location and positioning of on-site amenities and facilities and connection of temporary services.
	3.5	Coordinate delivery dates and on-site locations for physical resources and materials.
	3.6	Implement and maintain a resources control system for recording materials, equipment and personnel entering and leaving the site.
	3.7	Manage data entry into an appropriate scheduling system for analysis.
4. Delegate and supervise staff.	4.1	Employ effective human resources and implement practices and policies which maximise performance and productivity.
	4.2	Allocate staff to meet the demands of the project site or sites as stated in regulatory and organisational employment conditions.
	4.3	Delegate and manage staff to hire and record physical resource activity and authorise payments.
	4.4	Monitor contractual activities, facilitate adjustments to the project timeframe and advise management of cost-benefits and implications of providing overtime payments.
	4.5	Maintain a safe, effective and productive work environment.

Foundation Skills

As well as the foundation skills explicit in the performance criteria of this unit, candidates require:

- planning and organising skills to:
  - sequence and schedule complex activities
  - reassess priorities and apply contingencies as circumstances change to meet scheduled timeframes
- technology skills to:
  - use communication tools and devices to communicate and collaborate effectively with others
  - use applications to access, extract and share information and data

Unit Mapping Information

Supersedes and equivalent to CPCCBC5003A Supervise the planning of on-site medium rise building or construction work.

Links

Companion Volume Implementation Guide: to be added.

Assessment Requirements for CPCCBC5003 Supervise the planning of on-site medium rise building or construction work

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by supervising the planning of one on-site medium rise building or construction project.

In doing this, the candidate must:

- translate contract requirements into construction plans and processes
- develop strategies that effectively maximise physical and human resource use
- apply construction planning processes that effect desired outcomes and meet proposed timeframes
- establish and maintain a workplace environment representative of good management practice.

Knowledge Evidence

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

- relevant government building and construction legislation, codes and standards for medium rise construction
- building and construction industry contracts
- building and construction industry subcontracting system:
    - organisational and subcontracted human resources
    - human resource principles and practices
    - subcontractor requirements and availability
    - relevant licensing arrangements
    - rates and costs related to payments and claims
- on and off-site management practices, including:
    - on-site facilities
    - plant and equipment
    - power, water, telephone and other temporary services
    - pre-cut or pre-cast components
    - raw materials
    - temporary site facilities
- construction planning process, including:
    - project schedule
    - critical events and milestones
    - labour, materials and plant and equipment coordination
- workplace safety requirements.

Assessment Conditions

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

Assessment of performance must be undertaken in the workplace or in a simulated workplace environment.

Assessors are responsible for ensuring that the person demonstrating competency has access to:

- relevant medium rise plans, specifications, codes, standards and regulations
- organisational policies and procedures
- national and state industrial relations legislation
- sufficient equipment and materials to facilitate supervision of planning of on-site medium rise construction work

Links

Companion Volume Implementation Guide: to be added.