Draft 0.1

This is our work-in-progress update to CPCCBC4007A Plan building or construction work: https://training.gov.au/Training/Details/CPCCBC4007A.

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.

CPCCBC4007
Plan building or construction work

Application

This unit of competency specifies the skills and knowledge required to plan on-site activities, employ human resources and obtain physical resources. It includes sequencing construction tasks, identifying appropriate skilled labour, physical resources and suppliers and assessing their availability.

The unit applies to those who decide on and arrange building and construction work for residential and commercial projects.

This unit is suitable for builders, site managers, forepersons and other construction industry professionals using specialised knowledge to complete routine and non-routine tasks and using their own judgement to deal with predictable and sometimes unpredictable problems.

Prerequisite Unit

Nil.

Unit Sector

Construction.

Elements and Performance Criteria

1. Identify operational requirements.	1.1	Read contract documentation to identify any unusual aspects of construction, use of materials or penalties.
	1.2	Determine availability of selected subcontractors to suit the job requirements.
	1.3	Assess and confirm availability of materials with suppliers.
	1.4	Identify site access requirements and limitations and organise site entry.
	1.5	Determine project commencement date and prepare and submit documentation for authorities controlling construction work.
	1.6	Implement procedures for accepting and recording site deliveries.
	1.7	Identify and implement relevant work health and safety (WHS) requirements.
2. Implement strategies for construction operations.	2.1	Identify organisational strategies for implementing construction operations.
	2.2	Implement procedures for recording the hire of plant and equipment.
	2.3	Implement procedures for the removal of existing services and hazardous materials in accordance with Environment Protection Agency (EPA) requirements.
	2.4	Follow organisational procedures for the control of multiple projects.
3. Prepare project schedule.	3.1	Sequence construction operations.
	3.2	Enter operations details into a manually prepared project schedule or computer-based software package.
	3.3	Define critical path of the project and revise as required.

	3.4	Adjust project timeframes to account for anticipated delays.
4. Determine required resources.	4.1	Determine and document temporary services and site accommodation requirements.
	4.2	Determine and document materials and plant requirements and availability dates regarding contract documentation.
	4.3	Determine and document on-site labour requirements regarding contract documentation.
5. Prepare and submit condition reports.	5.1	Complete reports on the condition of existing buildings and structures on adjacent site boundaries.
	5.2	Forward copies of condition reports to the owners of adjacent buildings prior to commencing construction.

Foundation Skills

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

- technology skills to:
  - use communication tools and devices to communicate and collaborate effectively with others
  - use equipment and programs to access, extract information and develop relevant project schedules and documentation.

Unit Mapping Information

Supersedes and equivalent to CPCCBC4007A Plan building or construction work.

Links

Companion Volume Implementation Guide: to be added.

Assessment Requirements for CPCCBC4007 Plan building or construction work

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by planning construction work for a minimum of one low rise building project.

In doing this, the candidate must:

- appoint project managers/construction supervisors
- compile a list of required human resources, including:
    - trades people
    - employees
    - sub-contractors
- develop a project schedule, including:
    - project critical path and timeframes
    - breakdown of activities
    - milestones and deliverables
    - contingencies
- coordinate delivery of materials and physical resources.

Knowledge Evidence

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

- relevant government building and construction legislation, codes, standards
- types of building and construction industry contracts
- project plans and specifications
- sustainability and environmental requirements
- workplace safety:
    - work health and safety (WHS) act and regulation
    - hierarchy of control
- project management techniques
- organisation strategies and processes:
    - briefing internal personnel, external agencies and clients
    - calling for tenders for subcontract operations
    - appointing project managers and construction supervisors
    - purchasing building supplies and construction materials
    - refining project critical path information
- building and construction industry subcontractor system
- internal documentation systems:
    - applications for permits and service connections
    - environmental applications
    - parking restriction applications
- project schedule:
    - human resource schedule

    - material delivery schedule
    - project critical path
    - project timeframes
    - scheduling plant and equipment.

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.

Candidates must be provided with:

- relevant government building and construction legislation, codes and standards
- project plans, specifications and manufacturer's instructions
- organisational policies and procedures
- workplace safety requirements
- sufficient equipment and materials to facilitate plan building and construction work.

Links

Companion Volume Implementation Guide: to be added.