Draft 0.1

This is our work-in-progress update to CPCCBC5010B Manage construction work: https://training.gov.au/Training/Details/CPCCBC5010B.

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.

Application includes onsite management skills to undertake this unit.

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; performance to be demonstrated onsite.

CPCCBC5010
Manage construction work

Application

This unit of competency specifies the outcomes required to manage onsite project construction work, involving fulfilling single or multi-site commercial contractual obligations. It includes knowledge of relevant industry legislation, codes, standards and construction methods, procedures and practices.

This unit applies to builders, related construction industry professionals and senior managers within building and construction firms responsible for monitoring and measuring actions and coping with contingencies to meet scheduled timeframes on medium rise construction work and/or commercial building projects.

Those undertaking this unit of competency must manage construction work on a construction site and assessment must include onsite performance.

Prerequisite Unit

Nil.

Unit Sector

Construction.

Elements and Performance Criteria

1. Establish site communication processes.	1.1	Read, interpret and follow organisational quality management requirements.
	1.2	Establish and manage site communication processes.
	1.3	Organise dates and times of site meetings and notify relevant personnel.
2. Establish site safety procedures.	2.1	Establish and implement on-site safety and welfare requirements to meet work health and safety (WHS) legislation and make available to all workers on-site.
	2.2	Establish plant and equipment requiring operator certification of competency to comply with risk management procedures.
	2.3	Establish and implement hazard management procedures and instigate precautionary measures.
	2.4	Address hazardous manual handling tasks and inform workers of their responsibilities.
	2.5	Establish construction safety procedures and identify key personnel.
	2.6	Establish and manage dangerous incidents, injuries and accidents and site safety induction process.
	2.7	Develop and implement safety reporting processes and documentation in accordance with organisational and legislative requirements.

3. Manage supply of materials and equipment.	3.1	Establish and manage a timely and cost effective process for ordering, receiving, checking and safely stacking and protecting materials.
	3.2	Establish, manage and monitor procedures for selecting, hiring and maintaining plant and equipment.
4. Manage on-site operations.	4.1	Maintain a safe and cost-effective work environment to achieve schedules and meet contractual obligations.
	4.2	Manage and coordinate human resources and subcontractor obligations to ensure compliance with company operations.
	4.3	Apply contingencies to deal with problems and delays affecting performance and project timelines.
	4.4	Manage industrial relations issues in accordance with established company policy and regulatory guidelines.
	4.5	Revise project schedules as necessary and document variations to assist with meeting timeframes.
	4.6	Implement a quality management system to create a continuous improvement environment in which operational procedures are monitored analysed and reported.
	4.7	Facilitate variation to approved project plan and specifications with contractual parties and statutory authorities.
	4.8	Implement multi-site management plans in accordance with organisational policy and site conditions.
5. Manage processing of progress payments.	5.1	Validate and approve progress claims and payments in accordance with contract requirements.
	5.2	Manage project expenditure and check claims against scheduled projected costs for accuracy.

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 documentation

Unit Mapping Information

Supersedes (equivalency to be determined) CPCCBC5010B Manage construction work.

Links

Companion Volume Implementation Guide: to be added.

Assessment Requirements for CPCCBC5010B Manage construction work

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by managing on-site construction work of one medium rise building project for a minimum of 100 hours.

In doing this, the candidate must:

- procure compliant materials, products and components
- apply construction methodologies and principles when managing on-site construction work.

Knowledge Evidence

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

- work health and safety (WHS) act and regulation
- on-site safety:
    - hierarchy of control
    - duty of care
    - hazardous manual handling
    - risk assessment
    - rehabilitation and return to work requirements
- environmental management requirements and sustainability principles
- construction methodologies:
    - planned methods of construction
    - construction constraints
    - risks and opportunities
    - temporary and permanent works and services
    - electrical cabling
    - plumbing and gas piping systems
    - temporary lighting and power outlets
    - waste water disposal systems
    - fire suppression systems
- government codes, standards and regulations
- National Construction Code
- organisational quality management processes and procedures:
    - building and construction industry contracts
    - managing expenditure
    - communicating with regulatory authorities to ensure compliance with their requirements
- allocation and management of human resources:
    - dispute resolution
- selection and hiring physical resources, including:
    - relevant licensing arrangements
    - lifting equipment
- on-site communication, including:
    - emails and faxes
    - face-to-face verbal communication

    - mobile and fixed telephone contact
    - site diaries
    - written reports and memoranda
- properties, characteristics and limitations of approved materials:
    - concrete and pre-formed concrete
    - raw construction materials, such as sand, aggregate, timber and cement
    - sarking, insulation, air conditioning ducting and roofing
    - production of materials and prefabrication of products off site.

Assessment Conditions

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

Assessment of performance must be undertaken on a construction worksite.

Candidates must be provided with:

- state and territory building legislation, codes and standards
- project plans and specifications
- quality documentation, manufacturer's specifications and instructions
- access to a medium rise construction worksite
- sufficient materials and equipment to facilitate management of construction work

Links

Companion Volume Implementation Guide: to be added.