Draft 0.1

This is our work-in-progress update to CPCCBC5013A Develop professional technical and legal reports on building and construction projects: https://training.gov.au/Training/Details/CPCCBC5013A.

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.

CPCCBC5013
Develop professional technical and legal reports on building and construction projects

Application

This unit of competency specifies the skills and knowledge required to develop technical and legal reports on buildings and commercial construction projects. It includes pre-property inspections and reports, building design and planning advice and reviewing and monitoring construction works.

This unit applies to builders, senior managers, building consultants and other construction industry personnel who advise on building design processes and conduct inspections to develop building and construction reports.

Prerequisite Unit

Nil.

Unit Sector

Construction.

Elements and Performance Criteria

1. Perform pre-purchase property inspections and assessments.	1.1	Inspect building and identify and document defects to the agreed level of detail requested by client.
	1.2	Obtain engineers' certificates per the state of repair or number and type of defects.
	1.3	Estimate rectification costs to degree of accuracy required or recommend demolition of the structure.
	1.4	Conduct feasibility studies at the direction of government agencies, financial institutions or investment houses.
2. Advise and coordinate the design process and planning approval.	2.1	Prepare project brief on behalf of client.
	2.2	Assess site conditions and structure.
	2.3	Produce or obtain preliminary design drawings and estimate probable costs.
	2.4	Coordinate process through which final design documentation will be completed and approved by client.
	2.5	Submit documentation to obtain authorised planning approval for the project.
	2.6	Prepare and present planning appeals to the authority if necessary.
3. Review building or construction works.	3.1	Check contract documentation to ensure client interests are protected.
	3.2	Monitor building or construction works regularly and provide reports on the progress and quality of work.
	3.3	Check variations and refer to contractors as required.
	3.4	Check and approve progress claims.

4. Provide advice on dispute resolution.	4.1	Negotiate disputes on behalf of the client.
	4.2	Provide impartial advice to the parties involved in a building related dispute for equitable settlement.
	4.3	Provide referrals for expert legal interpretation of contractual matters.
	4.4	Provide expert testimony and evidence in the event of disputes going to court.

Foundation Skills

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

- oral communication skills to:
  - engage in oral negotiations and explore complex issues to reconcile and resolve disputes
- 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 and equivalent to CPCCBC5013A Develop professional technical and legal reports on building and construction projects.

Links

Companion Volume Implementation Guide: to be added.

Assessment Requirements for CPCCBC5013A Develop professional technical and legal reports on building and construction projects

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by preparing a construction project feasibility study to obtain planning approval.

In doing this, the candidate must:

- translate construction legislation into building requirements
- address assessment of any controversy or doubts
- compile a project brief for the construction project

Knowledge Evidence

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

- government building and construction legislative requirements;
    - construction industry contracts including quantities establishment, rates and costs related to payments and claims
    - building and construction industry subcontracting system
    - relevant licensing arrangements
    - human resource principles and practices
- work health and safety (WHS) act and regulations
- workplace safety requirements
- relevant state or territory building and construction codes, standards and regulations:
    - National Construction Code (NCC)
    - zoning and compliance with laws and by-laws by local authorities
- environmental and sustainability requirements:
    - Environment Protection Authority (EPA)
- building and construction quality practices and processes:
    - planning
    - management of on and off-site operations technical and legal requirements
    - engineering approvals by architectural or design consultants
    - final design or specification client approvals
    - finance approvals by lending bodies
- feasibility studies, including related information from:
    - architectural or engineering practicalities
    - availability and quantum of finance
    - availability of services and conditions governing service provision
    - change of use for existing buildings
    - confirmation of ownership
    - development on vacant land
    - encumbrances or caveats on property

    - environmental factors or constraints
    - existing buildings/structures for a given purpose
    - most cost-effective method of building for a given site or location
    - refurbishment costs of buildings/structures
    - special conditions that may apply to developments
- identification of defects through property inspections:
    - adjoining properties
    - confirmation of boundaries
    - on-site inspections of buildings, structures or features
    - site access and egress
    - topographical and geological surveys

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 goverment building legislation codes and standards
- environmental requirements and sustainability principles
- manufacturer's specification and installation instructions
- organisational policies and procedures
- project plans and specifications
- sufficient equipment and materials to develop technical and legal construction reports.

Links

Companion Volume Implementation Guide: to be added.