Draft 0.1

This is our work-in-progress update to CPCCBC6007A Develop, plan and implement appropriate building or construction environmental management practices and processes: https://training.gov.au/Training/Details/CPCCBC6007A.

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.

CPCCBC6007
Develop, plan and implement appropriate building or construction environmental management practices and processes

Application

This unit of competency specifies the skills and knowledge required to develop, plan and implement systems designed to manage environmental practices and processes in either residential or commercial projects.

It includes establishing sound based environmental management systems and strategic problem solving systems necessary to produce environmental outcomes that meet legislative requirements of statutory authorities.

This unit of competency applies to builders, project managers and related construction industry professionals who use their technical and communication skills to analyse, plan, design and evaluate approaches to unpredictable problems and are responsible for managing environmental practices and processes on building or construction projects.

Prerequisite Unit

Nil.

Unit Sector

Construction.

Elements and Performance Criteria

1. Identify inclusive factors of the environmental management plan.	1.1	Identify and quantify strategic compliance factors impacting on the organisation's environmental obligations.
	1.2	Quantify range and scope of activities being undertaken by the organisation within environmental guidelines and obligations.
	1.3	Identify and maintain knowledge of environmental issues from information in government publications.
	1.4	Qualify and measure strategic and operational factors impinging on organisational environmental management processes.
2. Establish and implement the organisational environmental management system.	2.1	Direct and manage design and development of the organisational environmental planning system.
	2.2	Develop criteria for implementing and maintaining environmental management system on construction sites.
	2.3	Develop methods to gather and monitor environmental management information essential to the construction process.

	2.4	Evaluate environmental management processes regularly to ensure accuracy and compliance requirements.
3. Establish and implement an environment management control system.	3.1	Manage environment control system quality in accordance with sound management principles and practices.
	3.2	Introduce methods for determining effectiveness of the major elements of the environmental management control system.
	3.3	Train and manage staff to ensure that quality assurance practices are applied to the environmental management process on a daily basis.
	3.4	Conduct routine monitoring of environmental benchmarks.
4. Facilitate the introduction of systems to manage organisational environmental management.	4.1	Develop and introduce organisational policies and procedures for environmental management.
	4.2	Document policies and routines for future reference.
	4.3	Circulate policy guidelines and obligations within the organisation and obtain sign-off by staff, employees and contractors.
	4.4	Monitor compliance of all staff with environmental policy.
5. Implement an environmental conformance feedback system.	5.1	Develop and introduce processes to monitor and report on environmental issues and procedures.
	5.2	Develop, circulate and maintain feedback systems to ensure all stakeholders can support the environmental management process.

Foundation Skills

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

- technology skills to:
  - use digital tools and devices to communicate and collaborate effectively with others
  - use equipment and programs to access, extract information and data to analyse for management purposes.

Unit Mapping Information

Supersedes and equivalent to CPCCBC6007A Develop, plan and implement appropriate building or construction environmental management practices and processes.

Links

Companion Volume Implementation Guide: to be added.

Assessment Requirements for CPCCBC6007 Develop, plan and implement appropriate building or construction environmental management practices and processes

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by developing an environmental management control system for a high-rise construction project.

In doing this, the candidate must:

- develop an effective environmental conformance strategy
- develop identifiable roles and responsibilities for organisation personnel involved in the management control system
- implement management practices that result in a high level of conformance by the organisation to meet environmental obligations
- develop conceptual and strategic problem solving strategies

Knowledge Evidence

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

- environmental issues that impact on the organisation and its practices
- legislative, regulatory and administrative obligations incumbent on the building and construction industry for environmental practices
- environment management control system quality principles and practices:
    - ensuring availability of appropriately qualified personnel to deal with environmental issues
    - maintenance of agreed expenditure for environmental management compliance
    - obtaining timely and relevant expert advice as required by the project
    - organisational compliance with appropriate legislation and regulations
    - periodic review of environmental management practices and processes
    - preventative maintenance of environmental management practices and processes
    - public liabilities and exposure to risk
    - risk management strategies and policies
    - feedback systems
- financial and business administration principles commensurate with organisational needs
- factors to be considered in assessing the environmental risk inherent in different types of building and site utilisation projects
- key factors that influence decisions on environmental issues and decision making:
    - federal, state or territory environmental legislation
    - local authority by-laws, Acts or regulations concerning environmental issues
    - location and nature of the construction activity
    - cope of operations and activities of the organisation

- types of licences and permits held or needing to be held by the organisation.

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 national construction regulations, codes and standards
- organisational quality assurance systems and workplace safety requirements
- environmental and biodiversity legislation and other relevant environment regulations
- sufficient materials and equipment to facilitate develop, plan and implement appropriate building or construction environmental management practices and procedures.

Links

Companion Volume Implementation Guide: to be added.