Draft 0.1

This is our work-in-progress update to CPCCBC5011A Manage environmental management practices and processes in building and construction: https://training.gov.au/Training/Details/CPCCBC5011A.

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

CPCCBC5011
Manage environmental management practices and processes in building and construction

Application

This unit of competency specifies the skills and knowledge required to plan and implement effective processes and manage improvements of environmental issues. It includes determining and managing energy efficient systems, measuring and dealing with non-conforming practices and improving performance.

This unit applies to builders, senior managers and other construction industry professionals responsible for developing effective environmental management plans and strategies to reduce environmental risk on medium rise building and construction projects.

Prerequisite Unit

Nil.

Unit Sector

Construction.

Elements and Performance Criteria

1. Prepare an organisational environmental management plan.	1.1	Analyse the potential impact on the organisation of current shifts in environmental legislation or regulations.
	1.2	Determine current environmental management performance using best practice and benchmarking methods.
	1.3	Analyse project requirements in relation to environmental obligations.
	1.4	Prepare environmental management plan using available information.
	1.5	Seek senior management advice concerning implementation of plan as required.
2. Manage environmental management plan implementation.	2.1	Inform staff and contractors of their obligations to comply with and monitor the environmental planning process.
	2.2	Manage the effectiveness and accuracy of the environmental data gathering systems.
	2.3	Evaluate new projects to determine their impact on existing environmental planning obligations.
	2.4	Contact local authorities and regulatory bodies where the plan requires ongoing external monitoring or overseeing.
	2.5	Communicate information to staff and stakeholders concerning updates to the environmental management plan.

	2.6	Manage and evaluate environmental management plan and track changing circumstances to maintain organisation compliance.
3. Monitor organisational legal obligations.	3.1	Manage organisational feedback systems to assist with conformance of plan.
	3.2	Seek regular feedback concerning the operations of the environmental management plan to assist the organisation to meet its legal obligations.
	3.3	Manage and maintain legally required auditing practices to ensure probity and accountability towards legislative requirements.
	3.4	Maintain contact with contractors and monitor their compliance with environmental management requirements.
	3.5	Implement emergency and remediation response strategies as necessary to assist compliance with the environmental management plan.
4. Review environmental management plan.	4.1	Review environmental management plan to identify areas that need actioning or improvement.
	4.2	Introduce measures to encourage staff to suggest innovations to improve the performance of the environmental management plan.
	4.3	Redraft plans to include improvements or address deficiencies found during the review process.
	4.4	Submit revised plans for endorsement by senior management and implement reviewed procedures.

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 and equivalent to CPCCBC5011A Manage environmental management practices and processes in building and construction.

Links

Companion Volume Implementation Guide: to be added.

Assessment Requirements for CPCCBC5011 Manage environmental management practices and processes in building and construction

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by developing and managing an environmental management action plan and strategy for a medium rise building or construction project.

In doing this, the candidate must:

- determine the impact of environmental legislation on the project
- research current trends and evaluate the extent of presented feedback and information to the organisation
- assess the recording and reporting system's effectiveness and efficiency
- manage organisational improvement processes to reduce environmental risk and non-conformance

Knowledge Evidence

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

- current environmental, legislative and regulatory requirements and obligations
- environmental management planning
    - environmental management practices and methodologies
    - environmental prohibitions or restrictions applied within specific projects
    - formally or informally gathered information concerning environmental issues and requirements
    - key people to be consulted or included in decision making
    - specific forms of activity to be pursued or which are subject to monitoring or evaluation
    - timeframes and key environmental benchmarks to be achieved
    - current trends in environmental management and controls
    - benchmarking and the establishment of environmental goals
    - penalties for various breaches and non-conformity
- environmental data gathering and feedback systems
- statistical analysis methodologies

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:

- environmental legislation, regulations and requirements
- government building legislation, codes and standards
- organisational quality documentation
- sufficient materials and equipment to facilitate management of environmental practices and processes in building and construction

Links

Companion Volume Implementation Guide: to be added.