



Australian Government

CPCCBBC5011 Manage environmental management practices and processes in building and construction

Release: 3

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Modification History

- Release 3 Updated reference to general construction induction training program.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.2.
- PC 2.4 has been amended to read: ‘Evaluate a new project to determine its impact on existing environmental planning obligations.’
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and is equivalent to CPCBC5011A Manage environmental management practices and processes in building and construction. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to plan and implement effective environmental practices and 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 of competency applies to builders, senior managers and other construction industry professionals responsible for developing effective environmental management plans and strategies to reduce environmental risk on building and construction projects.

Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required for any person who is to carry out construction work. Achievement of *CPCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Building and Construction

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

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| 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 an environmental management plan using available information. |
| | 1.5 Seek senior management advice concerning implementation of the plan as required. |
| 2 Manage environmental management plan implementation. | 2.1 Inform staff and contractors of their obligations to comply with the environmental plan. |
| | 2.2 Monitor staff and contractor compliance with implementing the environmental plan. |
| | 2.3 Manage the effectiveness and accuracy of the environmental data gathering systems. |
| | 2.4 Evaluate a new project to determine its impact on existing environmental planning obligations. |
| | 2.5 Contact local authorities and regulatory bodies where the plan requires ongoing external monitoring or overseeing. |
| | 2.6 Communicate information to staff and stakeholders concerning updates to the environmental management plan. |
| | 2.7 Manage and evaluate the 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 the plan. |

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| | 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 is equivalent to CPCBC5011A Manage environmental management practices and processes in building and construction.

Links

Companion volumes to this training package are available at the VETNet website -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>

Assessment Requirements for CPCBC5011 Manage environmental management practices and processes in building and construction

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Performance Evidence

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

In doing this, the candidate must:

- determine the impact of environmental legislation on the project
- research current trends in environmental management and controls
- 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 can be undertaken in the workplace or in a simulated workplace environment.

A simulated environment is one that realistically replicates workplace conditions, materials and equipment, interactions with others and workplace irregularities, and which meets industry standards for safety and environmental practices.

Candidates must have access to:

- environmental legislation, regulations and requirements
- government building legislation
- building and environmental codes and standards
- business equipment and technology, applications and software to facilitate effective management of environmental practices and processes in building and construction.

Links

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