



Australian Government

CPCSUS4001 Implement and monitor environmentally sustainable work practices

Release: 2

CPCSUS4001 Implement and monitor environmentally sustainable work practices

Modification History

- Release 2 Updated reference to general construction induction training program.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and equivalent to CPCSUS4001A Implement and monitor environmentally sustainable work practices. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to effectively analyse, implement and monitor environmentally sustainable work practices and their effectiveness in the workplace. It includes contributing to consumer environmental efficiency.

This unit of competency applies to those with responsibility for a specific work group, area or worksite, who develop processes and tools and lead a work group or team to improve environmental sustainability.

This unit of competency is suitable for those using specialised knowledge to complete routine and non-routine tasks and using their own judgement to deal with predictable and sometimes unpredictable problems.

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

Sustainability

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 Investigate current practices in relation to resource usage. | 1.1 Identify current and relevant environmental regulations applying to the organisation. |
| | 1.2 Assess procedures and practices for ensuring compliance with environmental regulations. |
| | 1.3 Collect data and information on environmental and resource efficiency systems and procedures. |
| | 1.4 Analyse and document current purchasing strategies. |
| | 1.5 Access and analyse information and data for current work processes and products. |
| | 1.6 Measure and document current resource usage of the work area, site or group and provide findings to stakeholders, key personnel and specialists. |
| 2 Set targets for improvement. | 2.1 Seek input and feedback regarding process inefficiencies, environmental hazards and risks and opportunities for improvements from stakeholders, key personnel and specialists. |
| | 2.2 Source external information and data from supplier and contractor invoices, tenders and quotes. |
| | 2.3 Evaluate alternative solutions to worksite environmental issues. |
| | 2.4 Set efficiency targets. |
| 3 Implement performance improvement strategies. | 3.1 Source and implement techniques, tools, technology and strategies to assist in achieving targets. |
| | 3.2 Apply workplace continuous improvement strategies and communicate solutions to stakeholders, key personnel and specialists. |
| | 3.3 Integrate and implement workplace environmental and resource efficiency improvement plans in conjunction with other operational activities. |

- 3.4 Cost full value of environmental strategies against current assets and expenditure.
 - 3.5 Seek feedback, ideas and suggested actions regarding implemented environmental and resource efficiency plans from management, stakeholders, key personnel and specialists.
- 4 Monitor performance.
 - 4.1 Document outcomes and communicate reports on targets to key personnel and stakeholders.
 - 4.2 Re-evaluate environmental strategies.
 - 4.3 Review and readjust targets and modify new tools and strategies.
 - 4.4 Promote successful strategies and, where possible, reward participants.

Foundation Skills

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

- numeracy skills to:
 - collect, interpret and measure data to identify and improve sustainable practices
- 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 CPCSUS4001A Implement and monitor environmentally sustainable work practices.

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 CPCSUS4001 Implement and monitor environmentally sustainable work practices

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Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by analysing and monitoring effective sustainable workplace practices on at least one worksite, area or construction work group.

In doing this, the candidate must:

- access, collect, analyse and organise data from a variety of sources to inform and advise opportunities for improvement
- devise strategies and practices to improve environmental and resource efficiency
- develop and implement improvement plan and introduce tools and technology.

Knowledge Evidence

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

- government legislation, regulations, codes and standards:
 - environmental protection
 - Biodiversity Conservation Act
 - National Construction Code (NCC)
- environmental and sustainability practices:
 - efficient use of resources and materials
 - maximising opportunities to use renewable, recyclable, reusable and recoverable resources
 - management and treatment of waste and waste products
 - implementing and using alternative practices, procedures or materials to reduce or eliminate resource consumption on worksite
 - eliminating the use of hazardous and toxic materials
 - addressing environmental and resource sustainability initiatives

- referring to federal government five-star rating for all new homes
- workplace environmental and sustainability issues:
 - how tradespersons can contribute to environmental sustainability
 - hazards and risks associated with worksite supervision
 - job specifications and strategies and procedures to maximise opportunities and minimise impacts
- environment industry associations
- methods, techniques and tools to measure environmental impact:
 - accessing the skills of others as appropriate to the specific industry context
 - environmental site management plans
 - examination of invoices from suppliers
 - examination of relevant information and data
 - integration of environmental and sustainability specifications in quotes and tenders
 - measurements made under different conditions
 - recommendation of sustainable products and practices to stakeholders
- workplace safety requirements:
 - hierarchy of control
 - risk management.

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:

- government legislation
- current industry and Australian codes and standards
- current project plans, specifications and manufacturer's product information
- organisational policies, procedures and other quality documentation to undertake the performance criteria and assessment requirements
- equipment, technology, applications and software to collect, interpret and measure data and develop costings and reports.

Links

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<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>