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| Draft 0.1  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.  List of tools and material from Range Statement now listed in Knowledge Evidence.  Other Range Statement lists deleted or listed under different headings in Knowledge Evidence.  22/10/2018  Based on feedback from Victorian STA:  Addition of PC:  1.4 Establish whether fall restraint devices and/or fall arrest devices are most appropriate to the work area and task.  Addition of knowledge evidence regarding types, characteristics, uses and limitations of equipment for working safely at heights  22/10/2018  Based on feedback from SafeWork NSW inspector  Addition of PC:  1.3 Select work at heights control measures in accordance with the legislative requirements.  1.4 Determine location of anchor points for harness based work to safely access required work area.  2.5 Install/connect to fall protection equipment (including temporary anchor points) without being exposed to a risk of a fall from heights.  3.2 Traverse between anchor points while remaining connected to the fall prevention system and protected from a risk of a fall from heights.  3.6 Keep fall prevention equipment adjusted to prevent the person being in a position where they can fall off or through a structure (restraint technique)  Addition of KE:   * stairways * ladders * edge protection * fall arrest anchors * scaffolding   22/10/2018  Based on feedback from HIA  Modification of Application description  Change od Element 1 from “Identify work area requirements” to “Identify task requirements”.  Elaboration of PC 1.1  Change of Element 2 from “Access work area” to “Access and assess work area”  Addition of fall arrest and travel restraint equipment to PC 2.1  Additional detail for PC 2.3  Addition of PC:  2.5 Ensure fall protection has been adequately selected and installed in accordance with legislative requirements, standards and codes of practice (note that this is in the knowledge evidence) and certified where necessary.  Added “safety” to PC 3.6  Added “and relevant WHS/OHS codes of practice” to foundation skills  Additional elements to KE:   * safe work procedures * operation manuals * manufacturer’s instructions * signs/safety/load charts for plant * EWPs * Trestles * ladders |

CPCCCM2010

Work safely at heights

# Application

This unit of competency specifies the skills and knowledge required to work safely on construction sites where the worker has the potential to fall from one level to another.

This unit of competency does not cover the erection of scaffold or work platforms, but it does include the identification and reporting of common faults with scaffold or work platform systems.

Work at heights is undertaken in a range of construction work, including new construction, renovation, refurbishment and maintenance. This unit also applies to workers who need to control the risk of falling and of falling objects in other industries.

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

# Prerequisite Unit

Nil.

# Elements and Performance Criteria

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| 1. Identify task requirements. | 1.1 Interpret work order and clarify issues with appropriate personnel to determine the proposed work at heights task, including where and how work is to be carried out and the equipment or plant to be used.   * 1. Participate in the development of the safe work method statement (SWMS) for the specified task.   2. Select work at heights control measures in accordance with the legislative requirements.   3. Determine location of anchor points for harness based work to safely access required work area   4. Review the completed SWMS and clarify issues with appropriate personnel.   1.6 Establish whether fall restraint devices and/or fall arrest devices are most appropriate to the work area and task. |
| 2. Access and assess work area. | 2.1 Select personal protective equipment (PPE), check for serviceability and report for repair or replacement where unserviceable.  2.2 Select fall protection equipment, including fall restraint and fall arrest devices, check for serviceability and report for repair or replacement where unserviceable.  2.3 Identify, select and install signage and barricade equipment in accordance with SWMS or relevant safe work procedure.  2.4 Install/fit fall protection equipment, including fall restraint devices and fall arrest devices as appropriate, within the limitations of licensing requirements, level of authority and SWMS.  2.5 Ensure fall protection has been adequately selected and installed in accordance with legislative requirements, standards and codes of practice and certified where necessary.  2.6 Install/connect to fall protection equipment (including temporary anchor points) without being exposed to a risk of a fall from heights.  2.7 Consult with appropriate personnel to confirm fall protection equipment and safety systems are correctly fitted, adjusted and installed, and are appropriate to the task.  2.8 Use approved workplace methods to access work area and to move tools, equipment and materials.  2.9 Place tools, equipment and materials to eliminate or minimise the risk of items being knocked down. |
| 3. Conduct work tasks. | 3.1 Undertake work tasks in compliance with the SWMS and workplace requirements.  3.2 Traverse between anchor points while remaining connected to the fall prevention system and protected from a risk of a fall from heights.  3.3 Use the selected PPE as appropriate to the task and in accordance with manufacturer’s instructions.  3.4 Maintain communication with team members while working at heights.  3.5 Keep fall protection equipment in place and adjust to allow for movement during work.  3.6 Keep fall prevention equipment adjusted to prevent the person being in a position where they can fall off or through a structure (restraint technique).  3.7 Keep any scaffold/work platform components and fall barriers in place during work.  3.8 Monitor risk control measures and consult with appropriate persons when work practices or site conditions change.  3.9 Exit from work area in compliance with work site procedures for self, tools and materials, and meeting safety and environmental requirements.  3.10 Clean, check, maintain and store tools, equipment and materials in accordance with manufacturers’ specifications. |

# Foundation skills

A person demonstrating competency in this unit must have the following language, literacy, numeracy and employment skills:

* writing skills to contribute to SWMS
* reading skills to:
  + interpret task documentation, including drawings and specifications
  + review safety plans and policies and environmental and other work plans
  + understand written instructions, procedures and signs
  + interpret manufacturers’ instructions and workplace requirements
  + interpret legislative requirements including those of Australian standards, the National Construction Code (NCC) and relevant WHS/OHS codes of practice
* communication and teamwork skills to:
  + enable clear and direct communication, using questioning to identify and confirm requirements and share information
  + communicate using non-verbal techniques and two-way radios
  + report work site hazards, including faults in tools, equipment or materials.

# Unit Mapping Information

Supersedes and is equivalent to CPCCCM2010B Work safely at heights.

# Links

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

Assessment Requirements for CPCCCM2010

Work safely at heights

# Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by working safely at heights above two metres on three occasions, using different fall protection equipment/devices on each occasion.

One occasion must include a restraint technique (anchor point) system with a minimum of three anchor points. The candidate must access the work area, traverse between anchor points, and exit from the work area.

# Knowledge Evidence

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

* rules and guidelines for working safely at heights under applicable Commonwealth, state or territory legislation, standards and codes of practice. These include requirements for work health and safety and protection of the environment:
  + job safety analyses (JSAs)
  + safe work procedures
  + safe work method statements (SWMSs)
  + safety data sheets (SDSs)
  + safety manuals and instructions for plant, tools and equipment:
    - operation manuals
    - manufacturers’ instructions
    - safety signs and load charts for plant
  + signage and barricades
  + personal protective equipment (PPE)
  + environmental and work site safety plans
* requirements of Australian standards and the National Construction Code (NCC), legislative and regulatory requirements, relevant Acts, regulations and codes of practice relating to working safely at heights
* workplace requirements for working safely at heights, including those for interpreting work orders and reporting problems
* assessment of weather and ground conditions that may affect safety while working at heights
* processes for planning to work safely at heights:
  + assessment of conditions and hazards
  + determination of work requirements
  + identification of equipment defects
  + inspection of work sites
* types, characteristics, uses and limitations of equipment for working safely at heights, including:
  + safety harnesses, lanyards and attachments such as snap hooks and carabiners
  + static line systems
  + fall arrest inertia reels
  + temporary anchor systems
  + anchor points
  + guard rails
  + access ladders
  + rescue equipment
  + ropes
  + shock absorbers
  + stairways
  + ladders
  + edge protection
  + fall arrest anchors
  + scaffolding
* types, characteristics, uses and limitations of equipment used when working safely at heights, including:
  + air compressors and hoses
  + EWPs
  + trestles
  + ladders
  + hand and power tools
  + nail guns
  + power leads
  + scaffolding
* processes for storage and maintenance of equipment for working safely at heights.

# Assessment Conditions

Assessors must satisfy 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. Tasks are to be performed to the level of proficiency and within the time limits expected in a workplace.

Candidates must have access to:

* industry-standard equipment used to perform the tasks specified in performance evidence
* appropriate workplace information and records, including policies, procedures and legislative requirements.

# Links

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