



Australian Government

CPCCCM2010 Work safely on scaffolding higher than two metres

Release: 1

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Modification History

Release 1.

This version first released with CPC Construction, Plumbing and Services Training Package Version 2.

Application

This unit of competency specifies the outcomes required to work safely on construction sites where the work activity involves working above two metres from ground level and where fall protection measures are required. It covers safe methods for accessing the work site; and safe methods of moving or passing tools, equipment and materials to heights above two metres, including handling methods that avoid excessive bending or twisting.

The unit supports construction workers operating from scaffolding over two metres in height that has already been constructed with signage and exclusion barriers in place, in order to reach upper storeys or roofs of buildings. It applies to workers who need to control the risk of falling and of falling objects when working on site or removing scaffold components.

It applies to construction work on residential and commercial work sites in new construction, renovation or refurbishment, and maintenance projects.

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

Pre-requisite Unit

Nil

Competency Field

Common

Unit Sector

Construction

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.

1. Identify work

1.1. Site of proposed work at heights is identified from

requirements.	relevant information.
	1.2. Tasks to be completed are identified from work orders and supervisor instructions. 1.3. Personal protective equipment (PPE) suitable to the job is selected and checked for serviceability. 1.4. Method of accessing work area is identified according to safe work method statement (SWMS). 1.5. Safe work methods for moving tools, equipment and materials to work area are identified to minimise risks. 1.6. Verbal and non-verbal communication signals are confirmed with team members, supervisor and other personnel working on site, as required.
2. Access work area.	2.1. Work site is inspected and conditions and hazards are assessed and reported, as required, and risk controls selected according to SWMS. 2.2. Safety of scaffolding is checked and faults are reported to relevant personnel. 2.3. Arrangements are made to install required access equipment according to SWMS. 2.4. Access equipment is inspected for defects and issues are reported and rectified according to health and safety requirements. 2.5. Safe work methods are used to access work area and to move tools, equipment and materials to required locations on the work site. 2.6. Tools and materials are placed to eliminate or reduce the risk of items falling.
3. Conduct work tasks.	3.1. Work is conducted following workplace-approved procedures and SWMS. 3.2. Communication with team members and other site personnel is maintained as required to progress work tasks according to required timelines.

- 3.3. Fall protection equipment is kept in place and adjusted to cater for movement during work.
 - 3.4. Scaffold components and fall barriers are kept in place during work.
- 4. Finalise work processes.
 - 4.1. Egress from work area is completed following SWMS and work site supervisor approved methods for moving self, tools and materials to ground level.
 - 4.2. Tools, equipment and materials returned to ground level are cleaned, checked, maintained and stored according to manufacturer specifications.

Foundation Skills

This section describes the language, literacy, numeracy and employment skills essential to performance in this unit but not explicit in the performance criteria.

Skill	Performance feature
Numeracy skills to:	perform measurements relating to checking safety of scaffolding.
Oral communication skills to:	- report faults in scaffolding construction or materials - report non-routine hazards to a supervisor.
Reading skills to:	interpret safe work methods and risk control strategies in the SWMS relating to job tasks.
Planning and organising skills to:	plan and schedule work in a logical sequence.
Initiative and enterprise skills to:	identify standard controls for routine hazards.

Range of Conditions

This section specifies work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Bold italicised wording, if used in the performance criteria, is detailed below.

Safe work method statement must include:

- establishing exclusion areas using signage and barricades
- identifying hazards and assessing risks associated with work site and job tasks
- health and safety and environmental requirements mandated by regulatory authorities, work site safety plan, and workplace procedures
- identifying risk control measures to be implemented for job tasks
- safe operating procedures for:
 - accessing, moving within, and leaving work site
 - moving and placing tools, equipment and materials
- using tools and equipment, including PPE, prescribed by legislation, regulations, and work site and workplace requirements
- using tools and equipment at heights.

Hazards to be considered must involve:

- air temperature
- construction activity involving other workers and contractors
- dust and vapours
- electrical equipment
- energy sources
- equipment and materials
- hazardous materials
- light
- manual handling
- moisture
- noise
- stationary and moving plant
- working at heights.

Safety of scaffolding must include checking for:

- access gate
- bracing
- condition of scaffold frame and planks
- guard rails
- locking pins for castors, if present
- mid-rails

- sheeting, if required
- toe boards.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for CPCCCM2010 Work safely on scaffolding higher than two metres

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Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. The person must also identify, assess and manage risks while completing three different work tasks on scaffolding higher than two metres at different locations and in different conditions.

The work tasks conducted must involve transporting tools, equipment and materials to the work site; completing the task using the tools, equipment and materials; and then returning them to ground level.

In doing the above work, the person must:

- locate, interpret and apply relevant job task information, standards and specifications
- comply with site safety plan and safe work method statements (SWMS) for access to the work site and completion of the job tasks at heights
- safely and effectively use tools, plant and equipment
- communicate and work effectively and safely with others
- select and use height access work methods, including inspecting scaffold for faults
- apply knowledge of construction materials to identify:
 - manual handling risks
 - types of lifting and support structures approved for use
- modify work activities to cater for variations in work site procedures, contexts and environment to work safely at heights
- use safe handling requirements, based on information provided for equipment, products and materials.

Knowledge Evidence

A person demonstrating competency in this unit must demonstrate knowledge of:

- construction terminology relevant to working at heights
- contents of and terms used in job safety analyses (JSA) and SWMS for accessing work sites at heights and for completing job tasks while working at heights
- contents of and terms used in safety data sheets (SDS) relevant to the use of tools, equipment and materials
- emergency procedures relevant to working on scaffolding higher than two metres

- quality requirements relating to the set-up of equipment for accessing heights, and for job tasks completed while working at heights
- requirements of Australian standards and codes of practice governing work at heights, including:
 - AS 6001 Working platforms for housing construction
 - AS/NZS 1576 Scaffolding – General requirements
 - AS/NZS 4576 Guidelines for scaffolding
 - Safe Work Australia Model Code of Practice – Preventing Falls in Housing Construction
- types, characteristics, uses and limitations of plant, tools and equipment, including personal protective equipment (PPE), used for accessing work sites over two metres, and for applying safe work methods to complete job tasks while working at heights
- common faults in scaffolding and access equipment
- workplace and work site health and safety requirements relevant to working at heights.

Assessment Conditions

Suitable assessment of performance requires:

- equipment:
 - scaffolding erected for access to a construction work site higher than two metres
 - access equipment to move self, tools, equipment and materials to working platforms, including ladders and hoists
 - tools, equipment and materials to conduct the work tasks specified in the performance evidence
 - PPE relevant to task
- materials:
 - materials required to perform three work tasks at height
- contingencies:
 - faults in scaffolding construction and access equipment
- specifications:
 - AS 6001 Working platforms for housing construction
 - AS/NZS 1576 Scaffolding – General requirements
 - AS/NZS 4576 Guidelines for scaffolding
 - diagrams or sketches relating to work at heights
 - instructions issued by authorised organisational or external personnel
 - JSA, SWMS and SDS relating to the work to be conducted at heights
 - Safe Work Australia Model Code of Practice – Preventing Falls in Housing Construction
 - schedules, plans and specifications for working at heights
 - signage at the work site
 - verbal, written and graphical instructions relating to work to be conducted at heights
- physical conditions:

- different weather conditions, such as wet or windy weather
- relationships with team members and supervisor:
 - work must be completed as part of a team and under direct supervision and observation
- timeframe:
 - according to job specification.

Assessor requirements

As a minimum, assessors must satisfy the assessor requirements in the Standards for Registered Training Organisations (RTOs) current at the time of assessment.

Links

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