

**Draft 0.1**

This is our work-in-progress update to CPCCCM1016 Identify requirements for safe tilt-up work:  
<https://training.gov.au/Training/Details/CPCCCM1016>

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:**

- code changed to comply with policy for NSSC endorsement required changes to units
- title changed to better reflect outcome and to include all prefabricated concrete elements
- PCs and elements rationalised to remove duplication and tightened to clarify requirements
- performance evidence modified
- knowledge evidence rationalised

## Unit of Competency

### CPCCOM1016 Identify requirements for safe precast and tilt-up work

#### Modification history

Release	Comments
1	Supersedes and equivalent to CPCCCM1016A Identify requirements for safe tilt-up work. The unit of competency was updated to the Standards for Training Packages 2012. This version first released with CPC Construction, Plumbing and Services Training Package Version 4.0
2	Supersedes and non-equivalent to CPCCCM1016 Identify requirements for safe tilt-up work. New prerequisite requirements. Title and outcome changed to incorporate all prefabricated concrete elements.

#### Application

This unit of competency specifies the skills and knowledge required to identify requirements for safe precast and tilt-up work in building construction. It includes safe handling of prefabricated concrete elements such as precast wall panels, beams, columns and slabs. Work health and safety (WHS) management processes and associated duty holders for precast and tilt-up construction processes are outlined in the *National Code of Practice for Precast, Tilt-up and Concrete Elements in Building Construction* (National Code of Practice).

A person working at this level would be expected to complete tasks assigned to them, under supervision.

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 unit CPCCWHS1001 *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.

#### Prerequisite Unit

CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry.

#### Unit Sector

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#### Elements and Performance Criteria

1. Clarify precast or tilt-up construction and risk management processes.	<p>1.1 Identify and explain sequence of tasks and activities for each stage of planned precast or tilt-up construction process, and typical faults, problems and hazards.</p> <p>1.2 Identify and explain basic principles of risk management and responsibilities of duty-holders for planned precast or tilt-up construction process in accordance with the National Code of Practice.</p> <p>1.3 Identify and explain methods and procedures used to control precast or tilt-up construction hazards, including the content of job safety analyses, work plan and/or work health and safety</p>
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	<p>management plan and safe work method statement in accordance with the National Code of Practice.</p> <p>1.4 Identify and explain procedures for responding to, rectifying and reporting faults, problems and hazards.</p>
2. Clarify own role and responsibilities in the precast or tilt-up construction process.	<p>2.1 Identify and explain regulatory information relevant to own work, role and responsibilities in the precast or tilt-up construction process.</p> <p>2.2 Identify and explain own role and responsibilities and those of others in the precast or tilt-up construction process.</p> <p>2.3 Identify and explain general work procedures, documentation, drawings and plans for carrying out precast or tilt-up construction process relevant to own role and responsibilities.</p> <p>2.4 Identify and explain general safety requirements for equipment and tools used in the precast or tilt-up construction process relevant to own role and responsibilities.</p> <p>2.5 Communicate with relevant persons to establish that key safety requirements have been met before undertaking own work in precast or tilt-up construction process.</p>

### Foundation skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

### Unit Mapping Information

Supersedes and is non-equivalent to CPCCCM1016 Identify requirements for safe tilt-up work.

### Links

Companion Volume Implementation Guide:

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

## Assessment Requirements for CPCCOM1016 Identify requirements for safe precast and tilt-up work

### Modification history

Release	Comments
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2	Supersedes and is non-equivalent to CPCCCM1016 Identify requirements for safe tilt-up work. Title and outcome changed to incorporate all prefabricated concrete elements.

### Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by clarifying precast or tilt-up construction and risk management processes and own role and responsibilities in a planned precast or tilt-up construction process at a construction site.

### Knowledge Evidence

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

- general safety requirements for equipment and tools used in precast and tilt-up construction:
  - cranes
  - elevated work platforms
  - manual tools
  - mobile scaffolding
  - portable electric and pneumatic tools
  - props
  - rigging equipment and gear
  - safety net and static lines
- minimum requirements outlined in the *National Code of Practice for Precast, Tilt-Up and Concrete Elements in Building Construction* related for:
  - duty holder responsibilities
  - risk management
  - safe work method statements for tasks in precast and tilt-up construction
  - work plans and/or work health and safety management plans for precast and tilt-up construction
- regulatory requirements relating to precast and tilt-up construction processes:
  - Australian Standard AS 3850 *Tilt-up concrete construction*
  - job safety analyses
  - personal protective equipment
  - using equipment and tools
  - working around mobile plant and machinery and general site hazards
- stages of the precast and tilt-up construction process and their interrelationships:
  - design and manufacture
  - handling, storage and transportation
  - craneage and erection
  - temporary bracing, stabilisation and incorporation of concrete panels

- demolition
- typical faults, problems and hazards associated with precast and tilt-up construction.

### Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

Assessment must be conducted in the workplace or a simulated workplace using realistic conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

### Links

Companion Volume Implementation Guide:

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