



Australian Government

CPCCOM1016 Identify requirements for safe precast and tilt-up work

Release: 2

CPCCOM1016 Identify requirements for safe precast and tilt-up work

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 but is not equivalent to CPCCCM1016 Identify requirements for safe tilt-up work.

Application

This unit of competency specifies the skills and knowledge required to identify requirements for safe precast and tilt-up work in construction. It includes requirements for safe handling of prefabricated concrete elements such as precast wall panels, beams, columns and slabs.

A person working at this level is 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 *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

Concreting

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe what needs to be done to demonstrate achievement of the element.
1 Identify precast or tilt-up construction and risk management	1.1 Identify sequence of tasks and activities for each stage of planned precast or tilt-up construction process, and typical faults, problems and hazards.

- processes.
- 1.2 Identify basic principles of risk management and responsibilities of duty holders for planned precast or tilt-up construction process.
 - 1.3 Identify methods and procedures used to control precast or tilt-up construction hazards, including the content of a job safety analysis, work plan and/or work health and safety management plan, and safe work method statement.
 - 1.4 Identify procedures for responding to, rectifying and reporting faults, problems, and hazards.
- 2 Identify own role and responsibilities in the precast or tilt-up construction process.
- 2.1 Identify own role and responsibilities and those of others relevant to the precast or tilt-up construction process.
 - 2.2 Identify regulatory requirements relevant to own role and responsibilities in the precast or tilt-up construction process.
 - 2.3 Identify general work procedures, documentation, drawings and plans for carrying out precast or tilt-up construction process relevant to own role and responsibilities.
 - 2.4 Identify general safety requirements for equipment and tools used in the precast or tilt-up construction process relevant to own role and responsibilities.
 - 2.5 Communicate with relevant persons to establish that key safety requirements have been met before undertaking own work associated with the precast or tilt-up construction process.

Foundation Skills

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

Unit Mapping Information

Supersedes but is not equivalent to CPCCCM1016 Identify requirements for safe tilt-up work.

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 CPCCOM1016 Identify requirements for safe precast and tilt-up work

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Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by identifying requirements for safe precast or tilt-up work at one workplace where the precast or tilt-up construction process is used.

Knowledge Evidence

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

- basic principles of risk management relevant to precast and tilt-up construction
- 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
 - braces and props
 - rigging equipment and gear
 - safety net and static lines
- work health and safety and regulatory requirements relevant to the precast and tilt-up construction process:
 - Australian Standard (AS) 3850 *Prefabricated concrete elements*
 - duty holder responsibilities
 - emergency procedures
 - job safety analyses
 - personal protective equipment
 - safe work method statements

- work plans and/or work health and safety management plans
- working around mobile plant and machinery, and general site hazards
- stages of the precast and tilt-up construction processes 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 that may occur when design and safety requirements are not met in the precast and tilt-up construction process.

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.

Candidates must have access to full documentation relating to jurisdictional requirements for safe precast and tilt-up work.

Links

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