



Australian Government

Assessment Requirements for CPCCBC4022 Supervise tilt-up work

Release: 3

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Modification History

- Release 3 Updated reference to general construction induction training program.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.
- Weight corrected in Performance Evidence. Formatting corrected in the Knowledge Evidence.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and is equivalent to CPCBC4022A Supervise tilt-up work. *Prior to final endorsement of this unit of competency, the Construction IRC changed the weight in the Performance Evidence of the in-situ tilt slab from at least 10 tonnes to at least 6 tonnes. This change occurred to provide more flexible assessment conditions to suit industry.*

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by demonstrating the supervision on at least one occasion of the erection of:

- one multi-point pre-cast tilt slab or one cast in-situ tilt slab each of at least 6 tonnes.

Knowledge Evidence

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

- government building and construction legislation, standards and codes
- National Standard for Construction Work and the Code of Practice for Construction Work
- relevant tilt-up construction codes and standards including current versions of AS3850.1:2015 Prefabricated concrete elements Part 1: General requirements and National Code of Practice for Precast Tilt-Up and Concrete Elements in Building Construction
- project plans, drawings and specifications for tilt-up work
- processes, procedures and techniques for:
 - lifting and placing tilt-up panels
 - securing panels to base
 - levelling and plumbing panels
 - temporary bracing panels

- grouting, bracing, torquing, stabilisation and fixing of panels
- competency and licensing requirements to operate plant and equipment and carry out tilt-up panel work
- capacity and limitations of plant, lifting gear and equipment used in tilt-up work
- capacity and limitations of rigging and equipment
- workplace safety:
 - hierarchy of control
 - hazard identification
 - emergency first aid
 - emergency shutdown and stopping
 - working at heights
 - fall arrest equipment
 - scaffolding
 - access equipment
 - electrical hazards
 - overhead hazards
 - confined spaces.

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:

- relevant government building and construction legislation
- current relevant building and construction industry codes and standards
- organisational policies, procedures and other quality documentation to undertake the performance criteria and assessment requirements
- project plans and specifications
- plant, equipment and qualified personnel necessary to supervise 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>