



Australian Government

Assessment Requirements for CPCCO3048 Construct tilt panels on site

Release: 1

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Modification History

Release 1.

Supersedes and equivalent to CPCCCO3048A Construct tilt panels on site. 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.

Performance Evidence

To demonstrate competency in this unit, a person must:

- construct a casting bed for a minimum of one tilt panel measuring at least 20 square metres
- construct a formwork box for a minimum of one tilt panel measuring at least 20 square metres
- construct a minimum of one tilt panel using the casting bed
- construct a minimum of one tilt panel using the formwork box.

The constructed tilt panels must include a minimum of two of the following:

- blockouts
- door and window penetrations
- raking edges
- water proofing and decorative rebates.

In doing this, the person must meet the performance criteria for this unit.

Knowledge Evidence

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

- jurisdictional work health and safety (WHS) and environmental legislation and regulations relating to constructing tilt panels on site, including:
 - job safety analyses (JSAs)
 - safe work method statements (SWMSs)
 - safety data sheets (SDSs)
 - safety manuals and instructions for plant, tools and equipment
 - signage and barricades
 - personal protective equipment (PPE)
 - environmental and work site safety plans
 - requirements of Australian Standards and the National Construction Code (NCC) relating to constructing tilt panels on site
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- workplace requirements for all aspects of constructing tilt panels on site, including interpreting work orders and reporting problems
 - interpreting project plans and specifications for constructing tilt panels on site requirements
 - types, characteristics, uses and limitations of plant, tools, equipment and materials used for constructing tilt panels on site
 - compliance requirements of regulations and standards relating to constructing tilt panels on site, including relevant sections of:
 - Australian Standard (AS) 3600 Concrete structures
 - formwork and reinforcing techniques and componentry for tilt panels
 - tilt panel construction materials and techniques
 - techniques and processes for lifting inserts and positioning ferrules
 - tensile strength of concrete panels
 - processes for placing, finishing and curing concrete
 - concreting levelling techniques
 - requirements for cleaning up work area and tools, materials storage and environmentally friendly waste management.

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.

Assessors are responsible for ensuring that the person demonstrating competency has access to:

- work sites and specifications for constructing tilt panels on site
- appropriate documents, formwork, materials, tools, equipment and PPE currently used in industry
- requirements of appropriate sections of legislation and regulations
- relevant workplace policies and procedures.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>
