



Australian Government

Assessment Requirements for CPCCON3048 Construct tilt panels on site

Release: 2

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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 and is equivalent to CPCCCO3048 Construct tilt panels on site.

Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by constructing tilt panels on site involving:

- constructing a casting bed for one tilt panel measuring at least 20 square metres
- constructing a formwork box for one tilt panel measuring at least 20 square metres
- constructing one tilt panel using a casting bed
- constructing one tilt panel using a formwork box.

The constructed tilt panels must include two of the following:

- blockouts
- door and window penetrations
- raking edges
- waterproofing and decorative rebates.

Knowledge Evidence

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

- compliance requirements of legislation, regulations and Australian Standards relevant to tilt panel construction tasks:
 - environmental protection and waste disposal
 - work health and safety (WHS)
- drawings and specifications used to interpret requirements for constructing tilt panels on site
- effects of weather and climatic conditions on the properties of concrete:
 - detrimental effect of water addition to concrete properties
 - precautions that should be taken to minimise any potential adverse effects when placing and curing concrete

- formwork and reinforcing techniques and componentry for tilt panels
- health risks associated with silica dust exposure
- processes for placing, finishing and curing concrete:
 - approved vibration methods
 - concreting levelling techniques
- techniques and processes for lifting inserts and positioning ferrules
- tensile strength of concrete panels
- tilt panel construction materials and techniques
- types, characteristics, uses and limitations of plant, tools and equipment used when constructing tilt panels on site
- workplace requirements for constructing tilt panels on site:
 - cleaning up the work area
 - maintaining and storing materials, plant, tools and equipment
 - quality
 - reporting problems
 - safety requirements including personal protective equipment (PPE).

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 documentation, specifications, work sites, materials, plant, tools and equipment required to achieve the performance evidence.

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>