



Australian Government

Assessment Requirements for CPCCCO3041 Place concrete

Release: 1

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Modification History

Release 1.

Supersedes and equivalent to CPCCCO3041A Place concrete.

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 place concrete at five different sites, each measuring at least 100 square metres, with a minimum of three sites requiring each of:

- consideration for planned load bearing walls or columns
- set down or wet areas in the slab
- multiple levels and temporary formwork.

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 placing concrete, 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 carrying out high-performance concreting
- workplace requirements for all aspects of placing concrete including interpreting task requirements and reporting problems
- interpreting project plans and specifications relative to concrete placement requirements, including types and applications of concrete materials and calculation of material quantity requirements
- types, characteristics, uses and limitations of plant, tools, equipment and materials required for placing concrete
- concrete placement locations, including:
 - single slab

- multi-level slab
- set down and wet areas
- temporary formwork
- compliance requirements of regulations and standards relating to placing concrete, including relevant sections of:
 - Australian Standard (AS) 3600 Concrete structures
 - AS 3610 Formwork for concrete
- concreting placement techniques, including:
 - horizontal layering
 - controlling vertical drop
 - cold joints and how to manage them effectively
 - consolidation techniques
 - concrete reinforcement techniques
 - levelling techniques
 - screeding
- processes for calculating material requirements at various times throughout the concrete pour
- processes for determining levels indicated by:
 - level pegs
 - lines
 - markers.

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 to place concrete
- appropriate documents, 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>