



Australian Government

Assessment Requirements for CPCCCO2013 Carry out concreting to simple forms

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.
Knowledge Evidence formatted for clarity.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
Supersedes and is equivalent to CPCCCO2013A Carry out concreting to simple forms. Updated to meet the Standards for Training Packages.

Performance Evidence

To demonstrate competency, a candidate must satisfy all the elements, performance criteria and foundation skills of this unit by carrying out concreting to a simple form slab of at least 1 square metre and 100 mm in depth by:

- preparing substrate
- erecting formwork
- cutting, placing and tying reinforcement
- placing and hand-screeding concrete to the required finished level and job specification.

All work must be planned and performed using appropriate tools and equipment to the standard required in the workplace and must comply with laws and regulations, the National Construction Code (NCC), Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, workplace requirements, drawings and specifications.

Knowledge Evidence

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

- compliance requirements of the National Construction Code and Australian Standards relevant to concreting to simple forms
- workplace quality policies and standards relevant to concreting to simple forms
- safety requirements for concreting to simple forms
- types and uses of tools and equipment required for concreting to simple forms
- uses of concreting materials, including:
 - bar chairs

- bracing
- edge form and boards
- fabric sheet mesh
- pegs
- spacers
- reinforcing bars
- vapour barriers
- concreting techniques, including:
 - placing
 - screeding
 - finishing
 - floating
- simple forms of concrete, including:
 - beam thickeners
 - channels
 - garden edges
 - pathways
 - post holes
 - simple concrete aprons and slabs
- finishing, including:
 - broomed
 - trowelled
 - trowelling machine finish
 - wood-floated
- properties and use of concrete relevant to concreting to simple forms, including:
 - uses and limitations at differing strength levels
 - ingredients and proportions
 - maintaining design strength during placement
 - mixing techniques
 - curing techniques
 - vibrating and over-vibration
- levelling techniques for concreting to simple forms
- materials storage and environmentally friendly waste management
- plans, drawings and specifications for concreting to simple forms
- processes for the calculation of material requirements for concreting to simple forms, including volume of concrete
- quality requirements for concreting to simple forms
- simple formwork and reinforcing componentry.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

This unit must be assessed in the workplace or a close simulation using realistic workplace conditions and standards, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>