

Draft 0.1

This is our work-in-progress update to CPCCCO3036 Plan concrete work and brief team:
<https://training.gov.au/Training/Details/CPCCCO3036>.

We are working with industry experts to ensure the updated unit:

- meets current and anticipated industry needs
- complies with current Standards for Training Packages
- is written in clear understandable English.

Information on our training package review and development process is available here:
<http://www.artibus.com.au/project-stage>.

Summary of changes from current endorsed unit:

- code changed to comply with policy for NSSC endorsement required changes to units
- elements and PCs modified and rearranged to clarify requirements and ensure appropriate for unit level
- PC on identifying potential hazards deleted as this is covered by PC 2.5 develop or adapt SWMS
- deleted duplicated PC for identifying, documenting and sourcing plant, tools and equipment
- assessment conditions: standard wording changed and modified requirement for candidates

Unit of Competency

CPCCON3036 Plan concrete work and brief team

Modification history

| Release | Comments |
|---------|--|
| 1 | Supersedes and equivalent to CPCCCO3036A Plan concrete work and brief team. 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. |
| 2 | Supersedes and equivalent to CPCCCO3036 Plan concrete work and brief team. This version first released with CPC Construction, Plumbing and Services Training Package Version 6.0. |

Application

This unit of competency specifies the skills and knowledge required to plan concrete work and brief team members. It includes determining the size and scope of concreting tasks and planning and scheduling activities to comply with work health and safety (WHS) requirements. It also includes identifying and sourcing resources required to complete tasks on time and within budget, and communicating requirements to team members in preparation for work to commence.

A person who has achieved this unit of competency would be expected to take responsibility for organising and completing these tasks with a high degree of self-direction.

Licensing, legislative, regulatory or certification requirements apply to this unit of competency in all states and territories except Tasmania. For further information, check with the relevant regulatory authority.

Prerequisite Unit

CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

Unit Sector

Concreting

Elements and Performance Criteria

| | |
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| 1. Determine size and scope of concreting tasks. | 1.1 Review site and work documentation to determine size and complexity of concreting tasks. 1.2 Review traffic management plan and site access and egress information and arrange additional required provisions or changes. 1.3 Identify site amenities and provisions for storage and arrange additional required provisions or changes. |
| 2. Plan and schedule concreting tasks. | 2.1 Assess specifications for concreting work and identify and sequence work stages to meet timelines for completion. 2.2 Assess concurrent work of other construction teams and establish required communication channels. 2.3 Assess type of concrete, estimate curing time in predicted weather conditions for each pour and schedule tasks to meet workplace requirements. |

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| | <p>2.4 Plan all work to comply with relevant legislation, regulations, standards, codes, work health and safety (WHS) and environmental and workplace requirements.</p> <p>2.5 Develop or adapt safe work method statement for individual tasks in accordance with WHS and workplace requirements.</p> |
| 3. Determine and source resources for concreting tasks. | <p>3.1 Calculate dimensions of each concrete pour from relevant documentation.</p> <p>3.2 Calculate, document and source required materials in preparation for work to commence on time and on budget.</p> <p>3.3 Identify, document and source plant, tools and equipment required for each work stage in line with task schedule to ensure availability on site.</p> <p>3.4 Identify specialised skill requirements for different task stages and check against available personnel to identify skill shortages.</p> <p>3.5 Source additional personnel with necessary skills within required timeframe to ensure prompt start to work.</p> <p>3.6 Allocate personnel to tasks and record human resource requirements against all task stages.</p> |
| 4. Brief team members about concreting tasks. | <p>4.1 Arrange team member site tour and induction to comply with WHS, environmental and workplace requirements.</p> <p>4.2 Explain and discuss details of task allocations and scheduling, and confirm team understanding of work requirements.</p> <p>4.3 Explain concurrent work of other construction teams and communication channels to team members and use questioning to confirm their understanding.</p> <p>4.4 Explain risk controls and provisions for dealing with risks, hazards, and contingencies to team members and use questioning to confirm their understanding.</p> <p>4.5 Encourage team members to clarify work requirements and to suggest process improvements at all stages.</p> |

Foundation skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to CPCCCO3036 Plan concrete work and brief team

Links

Companion Volume Implementation Guide:

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

Assessment Requirements for CPCCON3036 Plan concrete work and brief team

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Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by planning concrete work and briefing team members for three separate concreting tasks, each measuring a minimum of 100 square metres.

Knowledge Evidence

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

- project management principles and strategies used to plan concreting work
- plant, tools, equipment and materials used for concreting work
- project stages for concreting work:
 - work preparation:
 - fitting personal protective equipment
 - selecting and checking plant, tools and equipment
 - site preparation:
 - excavation
 - formwork
 - subgrade
 - delivery
 - pouring
 - compaction
 - levelling
 - finishing
 - curing
 - site clean-up
- requirements of relevant Australian Standards and the National Construction Code relating to planned concreting work
- requirements of Commonwealth and state or territory work health and safety and environmental legislation and regulations relevant to concreting work:
 - clean-up management
 - dust and noise control
 - hazard identification and risk control
 - hazardous material and waste disposal
 - job safety analyses
 - personal protective equipment
 - risks associated with silica exposure
 - safety data sheets

- safe work method statements
 - safety manuals and instructions for plant, tools and equipment
 - signage and barricades
 - stormwater management
 - vibration management
 - waste management
- specialised skill requirements for concreting:
 - concrete repair and rectification
 - cutting and coring
 - decorative concreting
- types of concrete, applications and curing times in different weather conditions
- workplace requirements for planning concrete work and briefing team members:
 - sourcing and allocating resources for concrete work
 - documentation
 - quality
 - reporting problems.

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 and resources required to achieve the performance evidence.

Links

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