



Australian Government

CPCCON3036 Plan concrete work and brief team

Release: 2

CPCCON3036 Plan concrete work and brief team

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 CPCCCO3036 Plan concrete work and brief team. |

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 some states and territories. For further information, check with the relevant regulatory authority.

Completion of the general construction induction training program, specified in the Safe Work Australia model *Code of Practice: Construction Work*, is required by anyone carrying out construction work. Achievement of *CPCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

Pre-requisite Unit

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

Unit Sector

Concreting

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe what needs to be done to demonstrate achievement of the element.
---	--

- | | | |
|--|-----|--|
| 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 in consultation with relevant persons. |
| | 1.3 | Identify site amenities and provisions for storage and arrange additional required provisions or changes. |
| 2 Assess 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 | Schedule concreting tasks based on assessed concrete type and estimated curing time in predicted weather conditions for each placement. |
| | 2.4 | Plan work tasks to comply with relevant legislation, regulations, standards, codes, WHS and environmental and workplace requirements. |
| | 2.5 | Develop or adapt safe work method statement for individual tasks in accordance with WHS and workplace requirements. |
| 3 Determine and source resources for concreting tasks. | 3.1 | Calculate dimensions of each concrete pour from relevant documentation. |
| | 3.2 | Calculate, document and source required materials in preparation for work to commence on time and on budget. |
| | 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. |
| | 3.4 | Identify specialised skill requirements for different task stages and check against available personnel to identify skill shortages. |

- | | | |
|--|-----|---|
| | 3.5 | Source additional personnel with necessary skills within required timeframe to ensure prompt start to work. |
| | 3.6 | Allocate personnel to tasks and record human resource requirements against all task stages. |
| 4 Brief team members about concreting tasks. | 4.1 | Arrange team member site tour and induction to comply with WHS, environmental and workplace requirements. |
| | 4.2 | Explain and discuss details of task allocations and scheduling, and confirm team understanding of work requirements. |
| | 4.3 | Explain concurrent work of other construction teams and communication channels to team members and use questioning to confirm their understanding. |
| | 4.4 | Explain risk controls and provisions for dealing with risks, hazards, and contingencies to team members and use questioning to confirm their understanding. |
| | 4.5 | Encourage team members to clarify work requirements and to suggest process improvements at all stages. |

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

Assessment Requirements for CPCCON3036 Plan concrete work and brief team

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 CPCCCO3036 Plan concrete work and brief team.

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 or for three separate pours for precast work.

Knowledge Evidence

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

- compliance requirements of legislation, regulations, codes and Australian Standards relevant to the planned concreting work:
 - environmental protection:
 - clean-up and waste management
 - stormwater management
 - material specifications
 - work health and safety (WHS)
- health risks associated with silica dust exposure
- plant, tools, equipment and materials used for concreting work
- project management principles and strategies used to plan concreting work
- project stages for concreting work:
 - work preparation:
 - fitting personal protective equipment (PPE)
 - selecting and checking plant, tools and equipment
 - site preparation:
 - excavation
 - formwork
 - subgrade

- delivery
- placement
- compaction
- levelling
- finishing
- curing
- site clean-up
- specialised skill requirements for concreting work:
 - concrete repair and rectification
 - cutting and coring
 - decorative concreting
- types of concrete, applications and curing times in different weather conditions for planned concrete work
- workplace requirements for planning concrete work and briefing team members:
 - sourcing and allocating resources for concrete work
 - documentation
 - quality
 - reporting problems
 - safety:
 - dust and noise control
 - PPE
 - vibration management.

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 and resources 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>