



Australian Government

Assessment Requirements for CPCCON3042 Finish concrete

Release: 2

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Modification History

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| 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 CPCCCO3042 Finish concrete. |

Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by finishing concrete in either a non-precast work environment or a precast work environment:

- for the non-precast work environment, finishing five different concrete surfaces with each surface measuring at least 100 square metres
- for the precast work environment, on five different occasions, finishing a minimum of three concrete panels involving more than one truck load of concrete.

Finishing techniques must include textured or non-slip and one other technique selected from the list below:

- edging and jointing system
- steel trowel.

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 concrete finishing tasks:
 - environmental protection and waste disposal
 - work health and safety (WHS)
- concrete finishing techniques:
 - edging and jointing systems
 - steel trowel
 - textured or non-slip
- effects of temperature, wind and low humidity 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 finishing concrete

- health risks associated with silica dust exposure
- methods for assessing the strength of setting concrete using the basic thumb test
- properties of concrete to be able to correctly identify when finishing techniques should be applied to minimise waste, delay and faults in finished concrete
- purpose and importance of construction, contraction, control and expansion joints:
 - doweling systems
 - installation methods
 - role in the long-term serviceability of concrete pavements
- types, characteristics, uses and limitations of plant, tools and equipment used to finish concrete
- types of drawings and specifications used to interpret concrete finishing requirements
- workplace requirements for finishing concrete:
 - cleaning up the work area
 - maintaining and storing plant, tools and equipment
 - reporting problems
 - quality
 - 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, concrete surfaces, 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>