



**Australian Government**

# **Assessment Requirements for CPCCON3050 Carry out high-performance concreting**

**Release: 2**

# Assessment Requirements for CPCCON3050 Carry out high-performance concreting

## Modification History

|           |                                                                                                                                                                                                        |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Release 2 | Updated reference to general construction induction training program.                                                                                                                                  |
| Release 1 | <p>This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.</p> <p>Supersedes and is equivalent to CPCCCO3050 Carry out high performance concreting.</p> |

## Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by placing, finishing and curing five different surfaces using high early strength concrete with chemical additives, each surface measuring at least 10 square metres.

## Knowledge Evidence

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

- compliance requirements of legislation, regulations and Australian Standards relevant to high-performance concreting tasks:
  - environmental protection and waste disposal
  - testing required to check concrete properties
  - work health and safety (WHS)
- health risks associated with silica dust exposure
- importance of correct placement of concrete to ensure concrete durability, strength, class of finish and self-compacting properties are not impacted
- processes for placing, finishing and curing high-performance concrete using:
  - approved vibration methods
  - high-performance concrete with a range of compressive strengths, including 100 megapascals (MPa)
- types, characteristics, uses and limitations of plant, tools, equipment and materials used to carry out high-performance concreting
- typical uses and applications for high-performance concreting
- workplace requirements for carrying out high-performance concreting:
  - cleaning up the work area
  - maintaining and storing plant, tools and equipment

- quality
- reporting problems
- 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, sites, materials, plant, tools and equipment required to achieve the performance criteria and 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>