



Australian Government

Assessment Requirements for CPCCCO3050 Carry out high performance concreting

Release: 1

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Modification History

Release 1.

Supersedes and equivalent to CPCCCO3050A Carry out high performance concreting.

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.

Performance Evidence

To demonstrate competency in this unit, a person must place, finish and cure 10 square metres of high performance concrete.

In doing this, the person must meet the performance criteria for this unit.

Knowledge Evidence

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

- jurisdictional work health and safety (WHS) and environmental legislation and regulations relating to carrying out high performance concreting, including:
 - job safety analyses (JSAs)
 - safe work method statements (SWMSs)
 - safety data sheets (SDSs)
 - safety manuals and instructions for plant, tools and equipment
 - signage and barricades
 - personal protective equipment (PPE)
 - environmental and work site safety plans
- requirements of Australian Standards and the National Construction Code (NCC) relating to carrying out high performance concreting
- workplace requirements for all aspects of carrying out high performance concreting, including interpreting work orders and reporting problems
- types, characteristics, uses and limitations of tools, equipment and materials required for carrying out high performance concreting, including:
 - safe operating procedures
 - operational, maintenance and basic diagnostic procedures
 - workplace and equipment safety requirements
- techniques for carrying out high performance concreting using a range of MPa, including 100 MPa
- quality requirements relevant to carrying out high performance concreting

- processes, materials and equipment for carrying out high performance concreting
- application of high performance concreting
- requirements for cleaning up of work area and tools, materials storage and environmentally friendly waste management.

Assessment Conditions

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

Assessment of performance must be undertaken in the workplace or in a simulated workplace environment. Tasks are to be performed to the level of proficiency and within the time limits expected in a workplace.

Assessors are responsible for ensuring that the person demonstrating competency has access to:

- work sites and specifications for carrying out high performance concreting
- appropriate documents, materials, tools, equipment and PPE currently used in industry
- requirements of appropriate sections of legislation and regulations
- relevant workplace policies and procedures.

Links

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