



**Australian Government**

# **Assessment Requirements for CPCCCO3049 Apply and finish sprayed concrete**

**Release: 1**

# Assessment Requirements for CPCCCO3049 Apply and finish sprayed concrete

## Modification History

Release 1.

Supersedes and equivalent to CPCCCO3049A Apply and finish sprayed concrete.

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 apply and finish sprayed concrete:

- using both wet and dry spraying concreting methods
- in two different projects, each project involving a minimum of 10 square metres of 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 applying and finishing sprayed concrete, 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 applying and finishing sprayed concrete
- workplace requirements for all aspects of applying and finishing sprayed concrete, including interpreting work orders and reporting problems
- types, characteristics, uses and limitations of tools, equipment and materials required for applying and finishing sprayed concrete, including:
  - safe operating procedures
  - operational, maintenance and basic diagnostic procedures
  - workplace and equipment safety requirements

- techniques for applying and finishing sprayed concrete
- quality requirements relevant to applying and finishing sprayed concrete
- processes, materials and equipment for applying and finishing sprayed concrete
- concrete surfaces where spray methods may be applied, including:
  - barrel vaulting
  - caissons
  - canal linings
  - diaphragm walls
  - drainage channels
  - irrigation
  - piled wall facings
  - reservoirs
  - shell roofs and domes
  - silo structures
  - swimming pools
  - tunnel linings
  - walls
  - water towers
- requirements for cleaning up 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 applying and finishing sprayed concrete
- 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>