



**Australian Government**

# **Assessment Requirements for CPCCCO3046 Repair and rectify concrete**

**Release: 1**

# Assessment Requirements for CPCCCO3046 Repair and rectify concrete

## Modification History

Release 1.

Supersedes and equivalent to CPCCCO3046A Repair and rectify 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 repair and rectify a minimum of one square metre of affected area for each of three minor repairs and one major repair to 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 repairing and rectifying concrete, including:
  - job safety analyses (JSAs)
  - safe work method statements (SWMSs)
  - safety data sheets (SDSs)
  - signage and barricades
  - personal protective equipment (PPE)
- workplace requirements for all aspects of repairing and rectifying concrete, including interpreting work orders and reporting problems
- types, characteristics, uses and limitations of tools, equipment and materials required for repairing and rectifying concrete, including:
  - safe operating procedures
  - operational, maintenance and basic diagnostic procedures
  - workplace and equipment safety requirements
- techniques for repairing and rectifying concrete
- quality requirements relevant to repairing and rectifying concrete
- processes, materials and equipment for major repairs to concrete, including:
  - cracks: wet, live and dormant
  - non-bonding of new to old interfaces
  - non-compliant surfaces
  - subsidence

- processes, materials and equipment for minor repairs to concrete, including:
  - acid etching and cleaning
  - bonded toppings failure
  - existing concrete toppings failure
  - levelling failure
  - mortar failure
- 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 repairing and rectifying 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>