



Australian Government

Assessment Requirements for CPCCCO3047 Cut and core concrete

Release: 1

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Modification History

Release 1.

Supersedes and equivalent to CPCCCO3047A Cut and core 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:

- saw-cut one joint to a horizontal concrete surface to a minimum of five metres straight or to the set line
- core one hole in a vertical concrete surface, clear through a minimum of 100 mm in depth.

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 cutting and coring 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 cutting and coring concrete
- workplace requirements for all aspects of cutting and coring concrete, including interpreting work orders and reporting problems
- types, characteristics, uses and limitations of tools, equipment and materials required for cutting and coring concrete, including:
 - safe operating procedures
 - operational, maintenance and basic diagnostic procedures
 - workplace and equipment safety requirements
- techniques for cutting and coring concrete, including concrete:

- columns
- commercial buildings
- driveways
- foundations
- gutters
- hardstands
- kerbs
- pathways
- pits
- plinths
- residential buildings
- slabs
- walls
- quality requirements relevant to cutting and coring concrete
- uses, maintenance and limitations of tools and equipment used for cutting and coring concrete, including:
 - concrete drilling equipment
 - concrete saws – hand-held and walk-behind
 - coring equipment
 - diamond tip drill bits
- 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 cutting and coring 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>