



**Australian Government**

# **Assessment Requirements for CPCCON3047 Cut concrete**

**Release: 1**

# Assessment Requirements for CPCCON3047 Cut concrete

## Modification History

Release 1	This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.  Supersedes and is not equivalent to CPCCCO3047 Cut and core concrete.
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## Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by cutting concrete on two different occasions involving, on each occasion:

- saw-cutting one joint to a horizontal concrete surface to a minimum of five metres straight or to the set line.

## Knowledge Evidence

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

- compliance requirements of legislation, regulations and Australian Standards relevant to concrete cutting tasks:
  - environmental protection and waste disposal
  - specified tolerances
  - work health and safety (WHS)
- concrete cutting processes and techniques:
  - soft cutting
  - expansion cutting
- cutting methods that can cause excessive blade wear, raveling and cracking
- factors to consider when assessing the readiness of concrete for cutting to avoid raveling, cracks and saw damage including the effects of weather and climate
- health risks associated with silica dust exposure
- purpose and importance of construction, contraction, control and expansion joints:
  - doweling systems
  - installation methods
  - role in the long-term serviceability of concrete pavements
- typical hazards associated with concrete cutting using concrete and masonry saws, and risk control methods for each:
  - blade fracture
  - electrocution

- saw kick-back, push-back and pull-in
- silica dust
- toxic fumes
- uses, maintenance and limitations of tools and equipment used to cut concrete
- workplace requirements for cutting concrete:
  - cleaning up the work area
  - maintaining and storing tools and equipment
  - quality
  - reporting problems
  - safety requirements including dust suppression and 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, concrete, tools and equipment required to achieve the 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>