



**Australian Government**

# **Assessment Requirements for CPCCWC3004 Install suspended ceilings**

**Release: 4**

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## Modification History

Release 4 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.6.

Change to Knowledge Evidence.

Release 3 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.2.

Correction to prerequisite unit code from CPPWHS2001 Apply WHS requirements, policies and procedures in the construction industry to CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry.

Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Updated to reflect current industry terminology, tools and equipment.

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 2.0.

## Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by installing:

- one exposed suspended ceiling of minimum area of 10 square metres
- one concealed suspended ceiling of minimum area of 15 square metres.

Each of the suspended ceilings must include grid and support wires or rods, and a penetration to accommodate one or more of the following fittings:

- an air duct
- an exhaust system
- a support column or beam.

All work must be performed to the standard required in the workplace and must comply with Commonwealth and state/territory laws and regulations, national construction codes, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, and workplace requirements.

## Knowledge Evidence

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

- compliance requirements of the National Construction Code and Australian Standards for installing suspended ceilings
- quality policies and standards for installing suspended ceilings
- safety requirements for installing suspended ceilings, including personal protective equipment (PPE), job safety analyses, safe work method statements and safety data sheets
- environmental requirements for installing suspended ceilings
- methods to mitigate risks of seismic movement when installing suspended ceilings
- processes for reading and interpreting plans, drawings and specifications used when installing suspended ceilings
- suspended ceiling installation techniques and processes, including:
  - alignment levelling
  - anchors and bolts
  - droppers and suspension rods
  - furring channels
  - main beams, rails and runners
  - spacer bars
  - tracks and main tracks
  - reinforced concrete ceiling and floor slabs
  - steel ceiling and rod framing
  - timber and steel floor
  - timber ceiling and rod framing
- suspended ceiling materials and their preparation and applications, including:
  - fibre cement sheeting
  - infill panels, including:
    - acoustic
    - decorative timber
    - metal
  - two-pack
  - insulation materials
  - plasterboard
  - suspended ceiling components
- techniques for calculating material requirements for installing suspended ceilings
- types of tools and equipment for installing suspended ceilings.

## Assessment Conditions

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

This unit must be assessed:

- in the workplace or a close simulation of the workplace environment, provided that simulated or project-based assessment techniques replicate construction workplace conditions, materials, activities, responsibilities and procedures
- using realistic tasks or simulated tasks, relevant specifications and work instructions, standard work practices, safety requirements and environmental constraints.

## **Links**

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>