



**Australian Government**

**Assessment Requirements for  
CPPBDN4108 Draw layout of required  
services for Class 1 and 10 buildings**

**Release: 1**

# Assessment Requirements for CPPBDN4108 Draw layout of required services for Class 1 and 10 buildings

## Modification History

Release 1 This version first released with CPP Property Services Training Package Release 11.0.

New unit.

## Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by drawing the layout of services for two different Class 1 building projects, one of which includes an associated Class 10 building, as defined in the National Construction Code (NCC).

## Knowledge Evidence

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

- NCC, relevant regulations, Australian Standards and manufacturer specifications for services to Class 1 and 10 buildings
- stormwater drainage methods including local authority stormwater drains and on-site water retention systems
- stormwater components:
  - size and location requirements for eaves and box gutters, down pipes and in ground/concealed piping and surface water catchment
- sewerage connection; local authority sewerage drainage systems and on-site treatment units
- water connection:
  - reticulated water and on-site tanks
- types of hot water systems
- electricity sources:
  - mains electricity and on-site generation
- electrical fixtures:
  - general power outlets, lights, light switches, smoke detectors and ventilation systems
- gas sources:
  - mains gas and bottled gas
- design concepts and principles relating to service connections for Class 1 and 10 buildings
- safety measures including fire safety, electrical safety switches and tempering valves
- relevant licensing requirements

- service supply and connection terminology and definitions
- drawings and specifications for service layouts
- sustainable supply and resource use including water, energy and waste disposal.

## **Assessment Conditions**

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations. Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting where these skills and knowledge would be performed. This includes access to:

- relevant regulations, codes and standards
- computer with internet access and word processing software
- technical references with current information on services
- drafting equipment for computer or hand drawing.

## **Links**

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>