



Australian Government

Assessment Requirements for CPCCSG3017 Erect and install signs

Release: 1

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Modification History

Release 1.

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

Revised unit of competency. Replaces superseded non-equivalent CPCCSI2007A Apply fasteners and fixings.

Performance Evidence

A person who demonstrates competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit, and must erect and install two signs as follows:

- one sign must measure at least 1200 x 2400 mm, be constructed of aluminium no more than 5 mm thick, and be fixed using appropriate fixings and fastenings to one of the following surfaces:
 - acrylic
 - glass
 - masonry
 - metal
 - plasterboard
 - plastic
 - timber
- one sign must measure at least 1200 x 2400 mm, be constructed of aluminium no more than 5 mm thick, and be positioned as a freestanding sign to two aluminium posts or poles measuring no less than 90 x 90 mm.

In doing the above work, the person must:

- check and confirm the need for planning permissions to install the signs in specified location
- check and confirm the site for services and assets below ground
- assess the sign installation requirements relevant to the work site, identifying potential risks and hazards and demonstrating measures to mitigate potential work site risks and hazards
- ensure the structural integrity of the supporting background, including taking steps to ensure reinforcement is arranged if required
- follow safety procedures when erecting and installing above signs

- identify and select methods for erecting and installing above signs, including selecting tools, fasteners and fixings giving consideration to the characteristics of the signs
- prepare the work site for installation and install the signs according to job requirements.

Knowledge Evidence

A person demonstrating competency in this unit must demonstrate knowledge of:

- purpose and application of the following when erecting and installing signs:
 - safety data sheets (SDS)
 - safe work method statements (SWMS)
- effect of mechanical and chemical fixings and fastenings used to install signs on different surfaces
- load bearing specifications for a range of fastener and fixing measurements and calculations relating to material quantities
- relevant Australian and New Zealand standards in relation to the installation of signs, including:
 - AS/NZS 3832 Electrical installations – Cold-cathode illumination systems
 - AS 1319 Safety signs for the occupational environment
- statutory and regulatory authority requirements, particularly those relating to:
 - removal of waste products
 - storage of chemicals and materials
- types and uses of tools and equipment used for installing signs
- processes and practices for working safely around power sources, services and assets.

Assessment Conditions

Suitable assessment of performance requires:

- equipment:
 - a range of fasteners and fixings used for erecting and installing signs
 - a range of tools and equipment used for erecting and installing various types of signs:
 - chamois
 - drills
 - ladder
 - levelling tools
 - measuring tapes and rules
 - post hole digger
 - personal protective equipment suited to installing signs
 - touch-up paint
- materials:
 - one freestanding sign and one sign fixed to a surface
 - signs to be 1200 x 2400 mm, constructed of aluminium

- signs to be installed
- ready-mix concrete
- contingencies:
 - engineering risk assessment may be required to confirm structural integrity of supporting wall or structure
 - local authority planning permission may be required in certain settings and locations
- specifications:
 - Australian and New Zealand standards in relation to the installation of signs, including:
 - AS/NZS 3832 Electrical installations – Cold-cathode illumination systems
 - AS 1319 Safety signs for the occupational environment
 - SDS
 - SWMS
- physical conditions:
 - installation may be required in indoor and outdoor settings
- relationship with client:
 - sufficient contact to check and confirm requirements
- relationships with team members:
 - work may be undertaken alone or with others
- timeframe:
 - according to job requirements.

Assessor requirements

As a minimum, assessors must satisfy the assessor requirements in the Standards for Registered Training Organisations (RTOs) current at the time of assessment.

Links

Companion Volume implementation guides are found in VETNet -

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