



**Australian Government**

# **Assessment Requirements for CPCPCM2048 Cut and join sheet metal**

**Release: 1**

# Assessment Requirements for CPCPCM2048 Cut and join sheet metal

## Modification History

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCPCM2048A Cut and join sheet metal.  
Updated to meet the Standards for Training Packages 2012.

## Performance Evidence

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

- constructing two different sheet metal products, using two of the following joining techniques:
  - grooved seam
  - knock up joint
  - peened joint
  - simple lap
  - Pittsburgh lock
- and two of the following fastening techniques:
  - spot weld
  - riveted
  - screwed
  - bolted
- including the application of one approved sealing method.

## Knowledge Evidence

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

- the characteristics of different sheet metal materials
- electrolysis and the problems associated with using incompatible products
- preparation of material for sealing
- approved sheet metal sealants
- how to access relevant information, including codes and standards
- tools, materials and equipment used to cut and join sheet metal
- work health and safety (WHS) requirements for cutting and joining sheet metal.

## Assessment Conditions

Assessors must satisfy the requirements for assessors listed in the Standards for Registered Training Organisations.

This unit must be assessed in the workplace or a close simulation using realistic workplace conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

## 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>