



**Australian Government**

# **Assessment Requirements for FBPSUG2017**

## **Undertake simple fabrication**

**Release: 1**

# Assessment Requirements for FBPSUG2017 Undertake simple fabrication

## Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 2.0.

## Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has undertaken simple fabrication in line with workplace contexts and demonstrated each of the following points at least once:

- identified fabrication requirements and methods
- identified and obtained components, materials, equipment and measuring and levelling devices
- prepared materials for fabrication
- checked accuracy of component positioning
- identified and corrected non-conforming component assembly
- used squares, levels and rules to measure materials and fabricated components
- prepared and joined components
- applied safety procedures to prepare work area and materials and complete the work.

## Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- purpose and principles of fabrication, including methods used to assemble and fix components and the effects of distortion on fabricated components
- use of equipment to position components to meet assembly requirements
- use of rules, tapes, squares and levels relevant for general metal fabrication
- methods used to prepare ends for joining
- appropriate joining methods, including welding and bolt/screw fixing
- typical defects that can occur for given assembly and fabrication methods
- options for correcting out-of-tolerance components and assemblies
- key health and safety requirements for general metal fabrication:
  - safe work procedures

- hazards and risk assessment
- manual handling procedures
- correct use of personal protective equipment (PPE).

## Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
  - skills must be demonstrated in a sugar milling workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - fabrication equipment
  - PPE
  - rules, tapes, squares and levels
  - components to be fabricated
  - drawings, sketches and specifications as required for task
- specifications:
  - operating procedures and related advice on equipment/instrumentation operation
  - health and safety policies and procedures.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

## Links

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>