



Australian Government

FBPSUG2025 Perform general planing and shaping operations

Release: 1

FBPSUG2025 Perform general planing and shaping operations

Modification History

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

Application

This unit of competency describes the skills and knowledge required to carry out general planing and shaping operations. It excludes the use of CNC planers and shapers. Typical operations include slotting, planing and cutting flats.

The unit applies to individuals who work under supervision in the sugar milling industry.

All work must be carried out to comply with workplace procedures according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Sugar milling (SUG)

Elements and Performance Criteria

| Elements | Performance Criteria |
|--|--|
| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i> |
| 1. Prepare for planing and shaping operations | 1.1 Identify machining requirements according to job specifications 1.2 Select, fit and use personal protective equipment according to health and safety procedures in the workplace 1.3 Collect and prepare materials to be planed or shaped 1.4 Set up planing and shaping equipment for operation 1.5 Conduct pre-operational equipment checks according to operating |

| Elements | Performance Criteria |
|--|---|
| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i> |
| | procedures 1.6 Identify and report health and safety hazards and maintenance requirements according to health and safety procedures |
| 2. Operate planing and shaping equipment to achieve specifications | 2.1 Set machining parameters to meet job requirements 2.2 Position and clamp materials for planing and shaping operation 2.3 Start, operate and shut down the planing and shaping equipment according to operating procedures 2.4 Check work against specifications 2.5 Identify non-conforming components, and correct as required 2.6 Undertake basic routine operational maintenance according to workplace procedures 2.7 Ensure the work area is maintained to meet workplace cleaning standards |

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

| Skill | Description |
|----------------------------|---|
| Reading | <ul style="list-style-type: none"> Identify routine machining requirements, including tolerances, dimensions and finishes, from written work instructions and technical drawings and sketches Interpret standard operating procedures |
| Numeracy | <ul style="list-style-type: none"> Select planer/shaper speeds, feeds and stops Measure and calculate to specified tolerances and dimensions Check for conformance to specification |
| Navigate the world of work | <ul style="list-style-type: none"> Apply workplace procedures relevant to own role Understand main tasks, responsibilities and boundaries of own role |
| Interact with others | <ul style="list-style-type: none"> Follow accepted communication practices to communicate and report information about machining operations, operational maintenance and safety |

| Skill | Description |
|-------------------|--|
| Get the work done | <ul style="list-style-type: none">• Recognise and make routine decisions to respond to non-conforming components• Identify and correct machining problems, including effects of tool wear, and incorrect set-up |

Unit Mapping Information

| Code and title current version | Code and title previous version | Comments | Equivalence status |
|--|--|---|--------------------|
| FBPSUG2025 Perform general planing and shaping operations | FDFSUG229A Perform general planing and shaping operations | Updated to meet Standards for Training Packages | Equivalent unit |

Links

Companion Volume Implementation Guides are found in VETNet: -

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