



Australian Government

Assessment Requirements for FBPSUG2025

Perform general planing and shaping operations

Release: 1

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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 performed general planing and shaping operations in line with workplace contexts and demonstrated each of the following points at least once:

- identified planing and shaping requirements
- collected and positioned materials according to job and equipment requirements
- safely set up equipment and conducted pre-operational checks
- selected, fitted and used personal protective equipment (PPE)
- confirmed that components meet specification
- operated, monitored and adjusted process and equipment during operation
- measured components using rulers, calipers and dividers, vernier calipers and micrometers
- safely shut down equipment
- maintained workplace cleaning standards
- reported health and safety risks and maintenance requirements.

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:

- principles and practices for performing general planing and shaping operations
- relevant site operating procedures and practices for general planing and shaping operations
- purpose and operating principles of planing and shaping equipment and accessories, including equipment operating capacities
- care, maintenance and storage of tool parts and accessories
- scope to adjust machining parameters, and related effect on outcome
- the impact of speeds, feeds, coolant, cutting lubricant and materials used on tool life

- hazards related to the operation of the planing and shaping equipment
- workplace cleaning standards for the work area.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be conducted in a sugar milling workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - PPE
 - planing and shaping equipment
 - relevant measuring instrumentation
 - materials for planing and/or shaping
 - drawings, templates and specifications as required
- specifications:
 - operating procedures and related advice on safe machine operation, including advice on safe work practices and environmental requirements
 - equipment operating procedures and related information
 - workplace cleaning standards 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>