



Australian Government

Assessment Requirements for FBPSUG2028

Perform general milling 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 milling operations in line with workplace contexts and demonstrated each of the following points at least once:

- identified machining requirements
- collected and positioned materials according to job and equipment requirements
- confirmed that components meet specification
- safely set up and conducted pre-operational checks on equipment
- selected, fitted and used personal protective equipment (PPE)
- operated, monitored and adjusted process and equipment during operation to stay within specification
- measured components using rulers, calipers and dividers, vernier calipers and micrometers
- safely shut down equipment
- maintained workplace cleaning standards
- reported health and safety in the workplace 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 milling operations
- site operating procedures and practices for general milling operations
- purpose and operating principles of milling equipment and accessories, including equipment operating capacities
- care, maintenance and storage of milling operations tool parts and accessories
- scope to adjust machining parameters, and related effect on outcome
- the impact of speeds, feeds, coolant, cutting lubricant and materials on tool life

- safe work procedures, including awareness of hazards related to the operation of the mill and related 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 demonstrated in a sugar milling workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - PPE
 - mill and related equipment
 - relevant measuring instrumentation
 - materials for machining
 - drawings, templates and specifications as required
- specifications:
 - operating procedures and related advice on safe mill 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>