



Australian Government

Assessment Requirements for FBPBPG4001 Manage bottling and packaging processes

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 3.0.

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 managed bottling and packaging processes for two different products, including:

- confirming services and staff are ready for operation
- confirming equipment is made ready for operation, including:
 - hygiene and sanitation standards have been met
 - adjusting air pressure
 - checking conveyor speed
 - adjusting heights and widths to accommodate specific product and material specifications
 - completing a test run
 - flow of line lube and water
 - realigning diverters and turners to ensure flow is as instructed
 - cartons, bottles and labels meet specifications
- confirming equipment is monitored and adjusted to achieve required quality outcomes, ensuring:
 - bottle cleanliness and draining effectiveness
 - dryness of bottles
 - glue supply
 - strength of carton seals
 - shrinkage or fit of capsules
 - stacking and stacking patterns meet specifications
 - bottle counters are re-set at the start of each product
 - stencils applied are clear and legible
 - bottle contents levels meet specification
 - ongoing quality of materials used

- ongoing appearance of applications
- taking corrective action in response to typical faults and inconsistencies.

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:

- bottling and packaging requirements and specifications for product
- stages and changes required for equipment operation, specific to product
- quality characteristics and uses of end product and output
- materials preparation requirements and effect of variation on the equipment operation
- emergency and troubleshooting procedures, including failure of services
- process specification, procedures and operating parameters
- equipment and instrumentation components, purpose and operation
- significance and method of monitoring control points within the equipment operation
- common causes of variation and corrective action required
- hazards and controls, including manual handling
- shutdown and cleaning requirements associated with changeovers and types of shutdown
- routine maintenance requirements
- recording requirements and procedures.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a workplace setting or an environment that accurately represents a real workplace
- resources, equipment and materials:
 - product to be bottled and packaged
 - bottling and packaging equipment
 - bottling and packaging resources and consumables
 - tools and equipment for adjusting and maintaining equipment
- relationships:
 - relevant personnel.

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

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>