



Australian Government

Assessment Requirements for FBPBPG2001

Operate the bottle supply process

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 safely and effectively prepared for, started up, operated and shut down all items of equipment involved in a bottle supply process on at least one occasion, including:

- confirming equipment is ready for operation, including checking that:
 - cleaning and sanitation processes are completed
 - stripping plates, rubber (pickup) cups and guides are clean and operational
 - any adjacent coding equipment is set up and operational
 - line controls (conveyors) are operational
 - line lube is operational and being correctly applied
 - electronic bottle inspector is set up and operational
 - all equipment is set for correct bottle height
 - water filters and ultraviolet (UV) sterilising system are operational
 - bottle feeds are filled with correct screws and stars and accurately aligned
- monitoring and adjusting process equipment to achieve required quality outcomes, ensuring:
 - gas and compressed air pressures are correctly adjusted
 - quality bottles are depalletised
 - rinser cycles run effectively
 - bottles are clean after rinsing
 - water filtration does not block due to excessive pressure
 - UV lamps do not fail or exceed prescribed usage limits
 - levels and faults of bottles ejected by the electronic bottle inspector
- taking corrective action in response to typical faults and inconsistencies
- liaising with other work areas involved in the bottling process
- completing workplace records as required

- applying safe work practices and identifying health and safety in the workplace hazards and controls.

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 bottle supply equipment
- key features of bottle supply equipment and components
- links to related processes
- stages and changes which occur during the process
- effect of process stages on end product
- quality characteristics and uses of end product
- effect of product and materials on process outcomes
- emergency and troubleshooting procedures
- process specification, procedures and operating parameters
- equipment and instrumentation components, purpose and operation
- basic operating principles of process control systems where relevant
- services required
- significance and methods of monitoring control points
- common causes of variation and corrective action required
- technological advances that include automation and use of robots
- workplace health and safety hazards and controls
- routine maintenance requirements
- lock-out and tag-out procedures
- procedures and responsibility for reporting problems
- shutdown and cleaning requirements associated with changeovers and types of shutdown
- 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:
 - a bottling context
 - bottling resources and consumables
 - tools and equipment for adjusting and maintaining equipment
 - personal protective equipment
- specifications:
 - work procedures and operator manuals or instructions.

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>