



Australian Government

FBPBPG2009 Operate a beverage packaging 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 6.0.

Application

This unit of competency describes the skills and knowledge required to set up, operate, adjust and shut down a process for packaging beverages that are in sealed containers such as bottles and cans.

This unit applies to individuals who work under general supervision in a food processing environment. It typically applies to the production worker responsible for applying basic operating principles to the operation and monitoring of a packaging process and associated equipment.

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

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

Pre-requisite Unit

Nil

Unit Sector

Bottling and Packaging (BPG)

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 the packaging process for operation	1.1 Check packaging requirements according to workplace procedures and food safety requirements 1.2 Confirm availability of required materials according to job

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	specifications 1.3 Confirm availability of services according to job specifications 1.4 Wear appropriate personal protective equipment and clothing, and ensure correct fit 1.5 Conduct pre-start checks of packaging equipment, including checking that hygiene and sanitisation standards are met and all safety guards are in place 1.6 Set the packaging process to meet production requirements
2. Operate and monitor equipment	2.1 Start up the packaging process according to workplace procedures and safety requirements 2.2 Monitor equipment and control points to confirm performance is maintained within specification 2.3 Confirm packages meet specifications 2.4 Maintain stock flow to and from packer process within production requirements 2.5 Identify, adjust and/or report out-of-specification product, process and equipment performance
3. Shut down packaging process	3.1 Shut down the system safely according to workplace procedures 3.2 Clean and maintain equipment to meet the cleaning schedule and procedural requirements 3.3 Collect, treat and dispose of or recycle waste generated by both the process and cleaning procedures 3.4 Record workplace information in the appropriate format according to workplace requirements

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	Understand key requirements of safe work procedures

Skill	Description
	Interpret production requirements
Writing	Record production information using digital and/or paper-based formats
Numeracy	- Read and interpret gauges and scales - Monitor supply and flow of materials to and from the process

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPBPG2009 Operate a beverage packaging process	FBPOPR2004 Operate a beer packaging process	Unit sector code updated to better match work task Title updated and references to beer removed throughout for broader application Minor change to unit Application Minor changes to Performance Criteria to clarify task Foundation Skills refined Performance Evidence clarified Minor changes to Knowledge Evidence and Assessment Conditions	Equivalent

Links

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

Assessment Requirements for FBPBP2009 Operate a beverage packaging process

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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 set up, operated, adjusted and shut down a beverage packaging process to package at least one batch or production run of packages to meet specifications, including:

- following safe work procedures
- monitoring supply of product and consumables
- clearing routine jams and addressing routine problems.

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:

- relationship between the packaging process, fillers, labellers, other packaging equipment and palletisers, including stages that occur during filling and packaging
- requirements of the packaging process and types of packers
- effect of packaging on the end product
- process specifications, procedures and operating parameters of the beverage packaging process
- significance and methods of monitoring control points within the packaging process
- packaging equipment and instrumentation components, purpose and operation
- typical faults that can occur, and how they can be rectified, including:
 - glue seals on cartons
 - incorrect pack shape
 - materials faults
 - incomplete shrink wrapping
 - equipment faults
 - services faults

- services used in the packaging process
- health and safety hazards and controls relevant to the packaging process
- good manufacturing practices (GMP) relevant to work task
- procedures and responsibility for reporting problems
- shutdown and cleaning requirements associated with changeovers, and types of shutdowns
- waste handling requirements and procedures relevant to the packaging process
- recording requirements and procedures, including down time
- cleaning procedures for the packaging equipment
- procedures to record traceability of product and ingredients.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - a food or beverage packaging workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - personal protective clothing and equipment
 - beverage packaging equipment and related services
 - product to be packaged
 - packaging consumables
- specifications:
 - work procedures, including advice on safe work practices, food safety and environmental requirements
 - production schedule and batch instructions, control points and filling parameters
 - documentation and recording requirements and procedures.

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

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