



Australian Government

FBPBP3003 Operate the softpack filling process

Release: 1

FBPBPG3003 Operate the softpack filling process

Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 2.0.

Application

This unit of competency describes the skills and knowledge required to set up, operate and shut down a range of semi-automated and automated bottling and packaging equipment involved in the softpack filling process.

This unit applies to individuals working under broad direction who exercise autonomy and judgement and are responsible for the operating and monitoring of a softpack filling process and associated bottling and packaging equipment.

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

No occupational licensing, legislative or certification requirements are known to 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 to operate softpack filling equipment	1.1 Interpret work instructions and identify potential health and safety in the workplace hazards and controls 1.2 Select, fit and use appropriate personal protective equipment 1.3 Confirm that product and materials are available to meet filling

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	requirements 1.4 Prepare product and materials to meet filling requirements 1.5 Confirm that services are available and ready for operation 1.6 Prepare softpack filling equipment and check to confirm readiness for use according to operating instructions 1.7 Set equipment to meet filling requirements
2. Operate and monitor the softpack filling process	2.1 Start up softpack filling equipment according to operating instructions 2.2 Monitor control points to confirm performance is maintained within specification 2.3 Fill softpacks according to specification 2.4 Monitor softpack filling equipment to confirm operating condition 2.5 Identify, rectify and report out-of-specification end product, process and equipment performance 2.6 Liaise with operators in other work areas to ensure ongoing filling process runs efficiently and effectively
3. Shut down the softpack filling process	3.1 Shut down softpack filling equipment according to operating instructions 3.2 Prepare softpack filling equipment for cleaning and maintenance according to workplace procedures
4. Complete house-keeping activities	4.1 Collect, treat and dispose of or recycle waste generated by both the process and cleaning procedures according to workplace procedures 4.2 Conduct work according to workplace environmental guidelines 4.3 Record workplace information 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
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Skill	Description
Oral communication	Report out-of-specification details appropriately
Get the work done	Respond to predictable routine problems, faults and out-of-specification issues, and implements standard or logical solutions

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPBPG3003 Operate the softpack filling process	FDFBP3003A Operate the softpack filling process	Updated to meet Standards for Training Packages Minor changes to Performance Criteria to clarify intent	Equivalent unit

Links

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>

Assessment Requirements for FBPBPG3003 Operate the softpack filling 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 safely and effectively set up, operated and shut down an automated or semi-automated softpack filling system on a minimum of one occasion, including:

- confirming equipment is ready for operation, including:
 - checking head alignment and operation
 - testing bag weights and volumes
 - completing a test run
 - flushing lines and equipment with product to be packaged
 - making minor adjustments as required
 - confirming cleaning and sanitation processes are completed
 - checking evacuation of air from softpack via vacuum
 - ensuring inert gas release at end of filling cycle
- monitoring and adjusting process equipment to achieve required quality outcomes, ensuring:
 - continuity of supply of softpacks to filler
 - correct bag weight and volumes
 - bag quality and integrity (leaks)
 - inert gas is released
 - vacuum prior to fill
- taking corrective action in response to typical faults and inconsistencies
- liaising with other work areas involved in the packaging 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 softpack filling equipment
- key features of softpack filling equipment and components
- links to related processes
- effect of process changes on end product
- quality characteristics of end product
- product and materials preparation requirements and effect of variation on process
- 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 method of monitoring control points within the process
- common causes of variation and corrective action required
- health and safety in the workplace hazards and controls
- lock-out and tag-out procedures
- routine maintenance requirements
- procedures and responsibility for reporting problems
- environmental issues and controls
- shutdown and cleaning requirements associated with changeovers and types of shutdown
- waste handling requirements and procedures
- 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 softpack filling context
 - products, materials and consumables
 - personal protective equipment
 - equipment, services and corresponding information as required
- specifications:
 - work procedures, including advice on company practices, safe work practices, food safety, quality and environmental requirements
 - instructions, information, specifications and schedules to match the softpack filling task.

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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