



Australian Government

FBPBPG3007 Perform packaging equipment changeover

Release: 1

FBPBPG3007 Perform packaging equipment changeover

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 prepare, set up and test a multi-stage continuous packaging line.

The unit applies to individuals who are responsible for the continuous operation of a multi-stage continuous packaging line in the packaging industry.

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 set multi-stage continuous packaging line	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 Ensure that components are available and meet requirements 1.4 Select and use appropriate hand tools

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.5 Ensure equipment is safe to set according to operating instructions
2. Assemble, set and adjust multi-stage continuous packaging line	2.1 Assemble equipment in correct sequence according to operating instructions 2.2 Replace equipment components and set to meet production specifications 2.3 Change services as required 2.4 Test packaging line to meet specifications and operational requirements 2.5 Adjust packaging line settings to meet specifications and according to operating instructions 2.6 Liaise with operators in other work areas to ensure ongoing packaging process runs efficiently and effectively
3. Complete packaging line changeover	3.1 Monitor and clear waste generated by the process according to workplace procedures 3.2 Store unused components according to workplace procedures 3.3 Conduct work to meet workplace environmental guidelines 3.4 Instruct operators according to workplace procedure 3.5 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
Oral communication	Clearly explain packaging equipment instructions to operators using language, tone and pace appropriate to the operators
Interact with others	Recognise common cultural and other differences of people in the work context and makes adjustments when communicating instructions

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPBPG3007 Perform packaging equipment changeover	FDFBP2008A Perform packaging equipment changeover	Updated to meet Standards for Training Packages Minor changes to Performance Criteria to clarify intent Recoded to reflect complexity of competency	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 FBPBP3007 Perform packaging equipment changeover

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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 prepared, set up and tested a multi-stage continuous packaging line on a minimum of one occasion, including:

- changing equipment or process components in response to product change and specification, including:
 - label size, positioning, shape and type
 - bottle size and shape
 - carton size, type and format
 - capsule size and type
 - product type and style
 - closure type or size
 - type of inert gas used to flush bags or bottles of cover product
 - bottle rinsing method (water, alcohol or gas)
 - flushing lines
 - checking pressures, flow rates or quantities used per item
 - operating control program
- testing the process and equipment operation to ensure correct:
 - label height, orientation and adhesion
 - conveyor noise and product spacing
 - carton erection, orientation and seal
 - production capacity (such as bottles per hour)
 - fill pressure
- monitoring and adjusting process equipment to achieve required quality outcomes, adjusting:
 - stars, scrolls and bows
 - mandrels

- filling head heights
- label applicators
- sighting guides
- operational speeds
- taking corrective action in response to typical faults and inconsistencies
- liaising with other work areas involved 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:

- quick changeover equipment principles, purpose and operation, including an understanding of process control systems
- equipment purpose and operation, including an understanding of process control systems, where used
- process specification, procedures and operating parameters across the system
- equipment components purpose and operation
- component changes and adjustments required
- test run procedures
- control points and monitoring methods
- services required
- isolation procedures
- material specification and preparation requirements
- health and safety in the workplace hazards and controls
- environmental issues and control
- routine maintenance procedures where relevant
- operating procedures for relevant work task.

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
 - products, materials and consumables
 - personal protective clothing and equipment
 - equipment and services

- specifications:
 - instructions, information, specifications and schedules
 - 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.

Links

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