



Australian Government

FBPOPR3006 Operate interrelated processes in a packaging system

Release: 1

FBPOPR3006 Operate interrelated processes in a packaging system

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, adjust and monitor interrelated processes in a packaging system.

This unit applies to individuals who work under broad direction and take responsibility for their own work.

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

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

Pre-requisite Unit

Nil

Unit Sector

Operational (OPR)

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 system for operation	1.1 Confirm equipment, materials and services are available to meet packaging requirements 1.2 Identify and confirm cleaning requirements and equipment status 1.3 Select and fit personal protective equipment according to job requirements

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Enter processing/operating parameters and select or adjust machine settings according to workplace procedures 1.5 Load or position product and/or packaging components and consumables according to workplace procedures 1.6 Conduct pre-start checks, adjust equipment performance and confirm equipment is ready and safe to operate
2. Operate and monitor the packaging system	2.1 Start up and operate and monitor the system and equipment for variation in operating conditions 2.2 Identify and report non-conformances according to workplace procedures 2.3 Maintain the work area and report maintenance requirements 2.4 Conduct work according to workplace environmental standards
3. Hand over packaging system operation	3.1 Maintain workplace records according to workplace procedures 3.2 Conduct handover procedures 3.3 Confirm process operators are properly informed of system and related equipment status at completion of handover
4. Shut down the packaging system	4.1 Identify the appropriate shutdown procedure 4.2 Shut down the system 4.3 Identify and report maintenance requirements according to workplace procedures
5. Contribute to continuous improvement of the system	5.1 Review system performance against output plan/targets 5.2 Identify and investigate opportunities for system improvement 5.3 Develop and implement proposals for improvement within workplace planning arrangements, authority levels and according to workplace procedures

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	- Interpret workplace and standard operating procedures relevant to job role - Interpret production requirements
Writing	Record operating, routine maintenance and shutdown information on paper-based and electronic media
Numeracy	- Monitor and interpret production and process control indicators and data - 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
FBPOPR3006 Operate interrelated processes in a packaging system	FDFOP3004A Operate interrelated processes in a packaging system	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 FBPOPR3006 Operate interrelated processes in a packaging system

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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 operated interrelated processes in a packaging system on at least two separate occasions, including:

- setting and/or adjusting equipment to meet packaging requirements
- inspecting equipment condition to identify any signs of wear
- confirming selection of appropriate settings and/or related parameters
- ensuring that isolation or lock outs are cancelled
- confirming that equipment is clean and correctly configured for packaging requirements, positioning sensors and controls correctly
- ensuring any scheduled maintenance has been carried out
- confirming that all safety guards are in place and operational loading and/or positioning product, packaging components and consumables.

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 basic principles of the packaging system, including:
 - the process flow and the interrelationships of each previous processes that can affect packaging outcomes, packaging technology, and packaging equipment components
- basic operating principles of equipment and related accessories used by the system, including:
 - equipment adjustment points, status and purpose of guards, and range and location/alignment requirements of sensors and related feedback instruments
- operating capacities of equipment used in the system, including different types of equipment and/or components by processing/packaging operations

- related systems and responsibilities for interaction, including related production and further packaging/storage stages, services supply, maintenance, laboratory/quality assurance and planning and scheduling
- technical knowledge of product/packaging characteristics and the main factors that impact on shelf-life
- typical packaging related problems, including equipment faults, common causes and warning signs, incorrect or poor supply of materials and finished product, incorrect settings and poor operator control
- relevant procedures, specifications and operating parameters for the system and the individual processes
- isolation, lock out and tag out procedures and responsibilities
- hazards, risks, controls and methods for monitoring processes within the system, including health and safety, food safety, quality and environmental hazards and risks in the workplace
- workplace system and approach to equipment maintenance
- process improvement procedures and related consultative arrangements
- troubleshooting procedures and problem-solving techniques
- communication responsibilities to inform related work areas/support functions and other shifts of operational status and production issues
- procedures and responsibility for reporting production and performance information.

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:
 - personal protective equipment
 - production schedule and related advice on system requirements
 - packaging system equipment and related accessories and services
 - product, packaging components and consumables by the process
 - communication and recording systems and procedures
- specifications:
 - information on equipment capacity and operating parameters.

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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