



Australian Government

FBPOPR3004 Set up a production or packaging line for operation

Release: 1

FBPOPR3004 Set up a production or packaging line for operation

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 a production or packaging line for operation.

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 for line setup	1.1 Confirm materials are available to meet production requirements 1.2 Confirm availability of tools, equipment and related accessories according to job requirements 1.3 Select and fit personal protective equipment according to job requirements 1.4 Identify processing parameters and settings for production or

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	packaging according to workplace procedures
2. Set-up the line for operation	2.1 Identify and confirm cleaning and maintenance requirements 2.2 Inspect equipment according to workplace procedures 2.3 Enter processing or packaging parameters and select or adjust machine settings according to workplace procedures 2.4 Check and adjust equipment performance 2.5 Conduct pre-start checks, adjust equipment performance and confirm equipment is ready and safe to operate, notifying relevant personnel of completion 2.6 Complete line setup to match production or packaging schedule and operating requirements 2.7 Complete records 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	- Interpret workplace and standard operating procedures relevant to job role - Interpret production requirements
Numeracy	Interpret production and process control indicators and data

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPOPR3004 Set up a production or packaging line	FDFOP3002A Set up a production or packaging line for	Updated to meet Standards for Training Packages	Equivalent unit

for operation	operation	Minor changes to Performance Criteria to clarify intent	
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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 FBPOPR3004 Set up a production or packaging line for operation

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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 a production or packaging line on at least one occasion, in line with production schedule, including:

- conducting pre-start checks on machinery used for production to determine cleaning, maintenance and operation readiness
- determining production parameters and requirements
- setting up line according to production requirements
- taking corrective action in response to typical faults and inconsistencies
- completing workplace records and communicate line status with other personnel as required
- applying safe work practices and identifying 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:

- operating principles of equipment and related accessories, including equipment adjustment points, range and location/alignment requirements of sensors and related feedback instruments, and status and purpose of guards
- operating capacities of equipment used in the work area, including different types of equipment and/or components by processing operations
- nature of set-up/changeover requirements, including product compatibility and related cleaning requirements, impact of variation in materials or product on set-up requirements, and equipment and/or attachment changeovers related to given products
- typical equipment faults and related causes, including signs and symptoms of faulty equipment and early warning signs of potential problems
- pre-start checks required by set-up/changeover

- related processes and personnel dependent on line set-up, and communication responsibilities
- isolation, lock-out and tag out procedures and responsibilities
- health and safety hazards and controls in the workplace
- procedures and responsibility for reporting equipment performance information
- operating principles of process control, including the relationship between control panels and systems and the physical equipment.

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/packaging schedule and related advice on setup/changeover requirements
 - process/packaging equipment and related accessories and services
 - materials/consumables required of the process
 - hand tools
- 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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