



Australian Government

FBPBPG2008 Perform basic packaging tests and inspections

Release: 1

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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 carry out the tests and inspections required to monitor product and process at various control points on an operating packaging line.

The unit applies to individuals who work under general supervision in bottling and packaging and are responsible for applying basic quality assurance principles to product.

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. Identify requirements for packaging testing	1.1 Confirm work instructions and identify potential health and safety in the workplace hazards and controls with supervisor 1.2 Select, fit and use appropriate personal protective equipment 1.3 Identify key packaging equipment and recognise its function and

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	operating principles
2. Prepare for testing	2.1 Receive and register samples and prepare for testing 2.2 Ensure that services are available and ready for use 2.3 Select, prepare and check test equipment and materials are available and ready for use according to testing procedures 2.4 Identify and report defects in samples, materials and test equipment
3. Perform on-line packaging tests	3.1 Carry out test method as directed 3.2 Use equipment and materials as directed 3.3 Read and interpret results according to testing procedures 3.4 Identify out-of-standard results and take appropriate action according to workplace procedures 3.5 Liaise with operators in other work areas to ensure ongoing packaging process runs efficiently and effectively
4. Complete on-line packaging tests	4.1 Dispose of waste generated according to workplace procedures 4.2 Clean, store and maintain test equipment according to test equipment instructions 4.3 Carry out work in accordance with workplace environmental guidelines 4.4 Record workplace information 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
Oral communication	Seek clarification when required
Navigate the world of work	- Follow clear instructions within defined level of responsibility - Recognise worksite expectations and follows explicit protocols and procedures

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPBPG2008 Perform basic packaging tests and inspections	FDFLAB2003A Perform basic packaging tests and inspections	Updated to meet Standards for Training Packages Minor changes to Performance Criteria to clarify intent Recoded to Bottling and Packaging sector (BPG) Prerequisite removed	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 FBPBPG2008 Perform basic packaging tests and inspections

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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 performed basic packaging tests and inspections at a minimum of two different critical control points on an operating packaging line, including:

- confirming test equipment is ready for operation, including:
 - recognising and rejecting contaminated or faulty glassware and equipment
 - conducting safety checks
 - replacing consumables
 - setting instrument and calibration
- operating test equipment according to workplace procedures and manufacturer instructions
- carrying out routine tests
- reading and interpreting results
- recording results as required
- monitoring the process and test equipment to identify out-of-specification results or non-compliance
- taking corrective action in response to out-of-specification results, anomalies or non-compliance
- reporting and/or recording corrective action according to workplace procedures
- following procedures to repeat or validate results
- liaising with other work areas involved the packaging process
- 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:

- common bottling and packaging techniques
- enterprise policy and procedure with regard to:
 - packaging line quality assurance testing
 - health and safety in the workplace
- purpose and principles of the test
- relevant standards and specifications, and basic legislative requirements (e.g. quality, health, safety, labelling and equipment) and their implications
- procedure specification and operating parameters
- effect of sampling and testing stages on results or outcomes
- start-up and set-up procedures required
- common causes and knock-on effects of inaccuracies and preventive or corrective action required
- normal range of results on products or packaging items tested
- emergency procedures for a range of operational problems
- procedures and responsibility for reporting problems
- health and safety in the workplace hazards and controls
- cleaning and sanitising requirements of equipment and work area
- sampling plan and procedures relevant to 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:
 - tools and equipment for conducting tests
 - personal protective equipment
 - instructions, information, specifications and schedules
 - products and materials on which to conduct tests
- specifications:
 - work procedures, including advice on company practices, safe work practices, food safety, quality and environmental requirements

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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