



Australian Government

FBPTEC4002 Apply principles of food packaging

Release: 1

FBPTEC4002 Apply principles of food packaging

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 oversee packaging operations in a food and beverage processing environment and to assess the nature, and likely causes, of packaging problems.

The unit applies to senior operators and managers who are responsible for overseeing packaging processes and work within known parameters. They provide and communicate solutions to a range of predictable or unpredictable problems.

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 or certification requirements apply to this unit at the time of publication. However, legislative and regulatory requirements for food processing exist so local requirements must be checked.

Pre-requisite Unit

Nil

Unit Sector

Technical (TEC)

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. Analyse characteristics of packaging suitable for use with food products	1.1 Identify and compare packaging materials suitable for a food or beverage product 1.2 Assess the interaction between the packaging and the food or beverage product

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Determine environmental impact and handling features of packaging materials 1.4 Consider customer and legal requirements of packaging 1.5 Ensure packaging material characteristics meet the safety and quality needs of food or beverage being packaged
2. Evaluate packaging in a production environment and recommend improvements	2.1 Assess packaging material properties for quality and safety 2.2 Determine costs of packaging materials 2.3 Analyse non-conformances to identify probable causes 2.4 Identify and investigate opportunities for improvement to materials, processes or environmental impact 2.5 Establish or review procedures for safely operating a packaging process 2.6 Document evaluation and recommendations and seek approval for implementation

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	Critically analyse documentation from a variety of sources and consolidate information relating to packaging materials and production to assist with analysis
Writing	Prepare proposal expressing ideas and exploring issues using language that is logical, succinct and accurate
Numeracy	Perform mathematical calculations to assist with analysis of packaging materials and costs

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPTEC4002 Apply principles of food packaging	FDFTEC4008A Apply principles of food packaging	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>