



Australian Government

FBPBP3009 Operate an automated palletising process

Release: 1

FBPBPG3009 Operate an automated palletising process

Modification History

Release	Comments
Release 1	This version released with Food, Beverage and Pharmaceutical Training Package Version 4.0.

Application

This unit of competency describes the skills and knowledge required to set up, operate and shut down an automated palletising process using complex equipment, including an automated pallet wrapper.

The unit applies to individuals who work under broad direction in a packaging and/or palletising environment and are responsible for operating and monitoring a carton palletising process, including safety compliance, production changeovers, consumables, cleaning and solving problems that arise with the process. Operators are responsible for solving problems that arise with machines and reporting unresolved problems to technical specialists.

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 licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Bottle 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 for palletising	1.1 Check work order to determine the pallet type, layer format and any other required information

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.2 Select, fit correctly and use required personal protective equipment 1.3 Check machinery maintenance charts and rectify or report any items that require maintenance 1.4 Check and set machine format to meet the palletising requirements specified in work order 1.5 Check all machine safety equipment is operational 1.6 Confirm pallet reference applicator is operational 1.7 Confirm serviceability of conveyors, and reset all product counters and glue application device 1.8 Confirm pallets and other packaging consumables required for the run
2. Palletise cartons	2.1 Carry out test run and adjust as required to meet palletising specifications, including carton orientation, stacking and stretch wrap tension 2.2 Ensure supply of consumables for palletising process 2.3 Carry out quality checks on sample pallets and complete records according to workplace requirements 2.4 Apply problem-solving principles and techniques to identify and rectify machine faults according to workplace procedures 2.5 Restack pallets and clean up spillages according to safety procedures 2.6 Monitor palletising process to ensure process efficiency and quality specifications are met, including correct pallet identification labels 2.7 Report major process problems and products that do not meet specifications 2.8 Handover palletising process to another team member when required
3. Change over palletising run	3.1 Prepare equipment and consumables for upcoming changeover 3.2 Check and record product counters to ensure an accurate changeover 3.3 Apply isolation measures according to workplace requirements 3.4 Empty machine of product and complete required changeover, and confirm parts, sensors, rails and stoppers have been adjusted and set

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	3.5 Remove and store unused consumables and equipment parts not required after changeover 3.6 Conduct test run and make adjustments as required
4. Shut down palletising process	4.1 Empty machinery and equipment of product 4.2 Shut down machinery and equipment according to workplace procedures 4.3 Remove and store unused materials 4.4 Complete carton palletising records and reports 4.5 Clean and maintain palletising equipment 4.6 Dispose of waste according to workplace and environmental procedures 4.7 Report issues requiring maintenance by technicians

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 technical text and symbols in machinery operations manuals
Writing	Complete maintenance reports using correct terminology
Oral communication	Use open and closed questions to obtain and confirm information from team members

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPBPG3009 Operate an automated	Not applicable	The unit has been created to address an industry	Newly created

palletising process		requirement	
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Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>