



Australian Government

FBPBPG2004 Operate the palletising process

Release: 1

FBPBPG2004 Operate the palletising process

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 and shut down a range of semi-automated and automated packaging equipment involved in the palletising process in a packing environment.

The unit applies to individuals who work under general supervision in bottling and packaging and are responsible for operating and monitoring a palletising process and associated equipment.

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. Prepare to operate palletising equipment	1.1 Confirm work instructions, including identifying potential health and safety in the workplace hazards and controls with supervisor 1.2 Select, fit and use appropriate personal protective equipment 1.3 Ensure that product and materials are available to meet palletising

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	requirements 1.4 Ensure that services are available and ready for operation 1.5 Prepare palletising equipment and check to confirm readiness for use 1.6 Set up equipment to meet palletising requirements
2. Operate and monitor the palletising process	2.1 Start up palletising equipment according to operating instructions 2.2 Monitor control points to confirm performance is maintained within equipment operation and specification 2.3 Ensure product is palletised according to requirements 2.4 Monitor palletising equipment to confirm operating condition 2.5 Identify, rectify and report out-of-specification end product, process and equipment performance according to workplace procedures 2.6 Liaise with operators in other work areas to ensure ongoing packaging process runs efficiently and effectively
3. Shut down the palletising supply process	3.1 Shut down palletising equipment according to operating instructions 3.2 Prepare palletising equipment for cleaning according to workplace procedures
4. Conduct housekeeping activities	4.1 Carry out cleaning procedures 4.2 Collect, treat and dispose of or recycle waste generated by both the process and cleaning procedures 4.3 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
Reading	Interpret key messages in standard operating procedures

Skill	Description
Navigate the world of work	- Follow clear instructions within defined level of responsibility - Recognise organisational expectations and follows explicit protocols and procedures - Seek clarification when required
Get the work done	Respond to routine problems using step by step instruction and procedures

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPBPG2004 Operate the palletising process	FDFBP2011A Operate the palletising process	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 FBPBP2004 Operate the palletising process

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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, operated and shut down the all items of equipment in the palletising process on a minimum of one occasion, including:

- confirming equipment is ready for operation, including:
 - cleaning and sanitation processes are completed
 - vacuum is operational
 - pallet pattern is set to specifications
 - slip sheets for export are available
 - plastic shrink wrapper is loaded and operational
 - pallet identification equipment is operational
 - sufficient and correct pallets are available
 - carton turning equipment is operational
 - pallet tacking hot glue is operational
 - infeed guides and gates are operational
- monitoring and adjusting process equipment to achieve required quality outcomes, ensuring:
 - compressed air pressure is at correct level
 - vacuum pressure is correct
 - cartons are going onto stripping plate according to set pattern
 - the ongoing quality and appearance of shrink wrapping
 - the ongoing quality and appearance of pallet identification
 - the ongoing quality and appearance of pallets and slip sheets
 - stacks are square on pallets
 - the ongoing quality and appearance of stacked pallets
- taking corrective action in response to typical faults and inconsistencies

- liaising with other work areas involved the packaging process
- completing workplace records as required
- 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:

- purpose and principles of palletising equipment
- key features of palletising equipment and components
- links to related processes
- effect of process stages on end product
- quality characteristics and uses of end product
- effect of product and materials on process outcomes
- emergency and troubleshooting procedures
- process specification, procedures and operating parameters
- equipment and instrumentation components, purpose and operation
- basic operating principles of process control systems where relevant
- services required
- significance and methods of monitoring control points
- common causes of variation and corrective action required
- health and safety in the workplace hazards and controls
- routine maintenance requirements
- lock-out and tag-out procedures
- procedures and responsibility for reporting problems
- shutdown and cleaning requirements associated with changeovers and types of shutdown
- recording requirements and procedures.

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:
 - palletising equipment
 - palletising resources and consumables
 - tools and equipment for adjusting and maintaining equipment
 - personal protective equipment
- specifications:
 - work procedures and operating instructions or instructions.

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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