



Australian Government

Assessment Requirements for FBPBPG3009

Operate an automated palletising process

Release: 1

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Modification History

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

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 independently set up, operated, and shut down two complete palletising processes for different work orders, using automatic palletising machines, including a pallet wrapper. One process must palletise 12-pack cartons and the other 6-pack cartons, that are configured differently.

Each process must complete at least 20 pallets per hour during a three-hour shift. Each pallet must have at least three carton layers, and be correctly configured, stacked and stretch wrapped using an automated pallet wrapper.

For each of the palletising work orders, the individual must have safely and efficiently performed the following:

- confirmed the product and palletising requirements and set up all the equipment and machinery, including individual pallet configuration requirements
- operated, monitored and shut down the palletising process, equipment and machinery
- correctly labelled each pallet for end users to track the date and location of production
- used sample checks to identify quality issues
- identified, rectified and/or reported machinery faults, including:
 - blockages caused by damaged pallets
 - cartons not correctly orientated
 - pallets not stopping in the correct position
 - carriage or pusher not making the end position
 - excessive stretch wrap and slip sheet breakage causing sensor faults
 - machinery settings resulting in incorrect palletising
- accurately and effectively handed over a palletising process to another team member
- accurately completed workplace production records
- communicated effectively with a supervisor and at least one of the following:
 - maintenance team member

- laboratory or quality assurance team member
- bottling and packaging team member
- logistics team member.

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:

- product knowledge related to the containers to be palletised as stipulated in the performance evidence, including:
 - size, weight and volume
 - client or receiver requirements or specifications
 - regulatory requirements
- operating principles of machinery and equipment, including:
 - conveyor fed automatic palletising machine
 - automated stretch wrapper
 - pallet tag applicators
 - carton orientation devices
- features and functions of machinery and equipment, including:
 - manufacturer and workplace instructions for safe operation
 - control panel and ancillary devices
 - operating capacities, efficiencies and applications
 - location and purpose of guards, rails and sensors
 - feedback instrumentation
 - services required and action to take if services are not available
 - cleaning requirements
- machinery and equipment checks, including:
 - pre-start checks, including emergency stop checks
 - lock-out and tag-out procedures, including return to service after isolation
- consumables including slip sheets, interlayers, hot melt glue and stretch film
- the interrelationships between bottling, carton packing, palletising and end of line dispatch processes
- product and process changeover procedures and responsibilities
- quality control requirements, processes and actions, including:
 - palletising order specifications
 - pallets for domestic and export use
 - methods used to check quality
 - common causes of palletising quality and corrective action required, including removal of out-of-specification pallets
 - planned sampling and testing associated with palletising process monitoring and control

- responding to machinery alerts and notifications
- recording of results
- isolating non-conforming pallets
- product identification and traceability requirements, including:
 - workplace requirements
 - client or receiver requirements or specifications
 - pallet identification/tagging requirements
- health and safety hazards and controls, including awareness of the limitations of protective clothing and equipment relevant to the work process
- procedures and responsibility for reporting production and performance information
- environmental issues and controls relevant to the palletising process, including:
 - rework and reuse of products
 - waste processing
- materials and manual handling procedures related to the palletising process.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - an industrial packaging and/or palletising plant
- resources, equipment and materials:
 - automated palletising equipment, including an automated wrapper
 - pallets and packaging consumables, including glue, slip sheets, interlayers, pallets and stretch wrap
- specifications:
 - two palletising work orders as stipulated in the performance evidence
 - workplace procedures for operating an automatic palletising process, machinery and equipment
- relationships:
 - supervisor and others stipulated in the performance evidence
- timeframes:
 - as stipulated in the performance evidence.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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