



Australian Government

Assessment Requirements for FBPBPG3008

Operate an automated carton packing 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 automated packing processes for different work orders. Each process must use a conveyor fed automatic case packing machine packing at least 12,000 containers per hour, and include at least two of the following:

- divider inserter
- case sealer
- check weigher or other quality inspection device
- conveyer controls.

The processes must package at least two of the following carton types:

- 4-pack
- 6-pack
- 12-pack
- 18-pack
- 24-pack
- 30-pack.

For each process, the individual must have safely and efficiently performed the following:

- identified, rectified and/or reported machinery faults, including:
 - defective tulip heads
 - carton divider problems
 - glue application system problems
- reset machinery that is creating products that do not meet specifications
- accurately and effectively handed over a packing process to another team member
- 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
- accurately completed workplace production records.

The individual must also complete a packing run changeover that requires a complete machine changeover, including the picking head and centring frame, according to workplace safety and time requirements.

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 packaged as stipulated in the performance evidence, including:
 - size, weight and volume
 - client or receiver requirements or specifications
- operating principles of machinery and equipment, including:
 - conveyor fed automatic case packing machine capable of packing at least 12,000 containers per hour
 - divider inserter
 - case sealer
 - check weigher
 - conveyer controls
- features and functions of machinery and equipment, including:
 - manufacturer and workplace instructions for safe operation
 - control panels and ancillary controls
 - operating capacities, efficiencies and applications
 - location and purpose of guards, rails and sensors
 - feedback instrumentation
 - services required, including compressed air, electricity and water
 - cleaning and maintenance 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
- the interrelationships between the bottling, carton packing and palletising
- product and process changeover procedures and responsibilities
- quality control requirements, processes and actions, including:
 - packing order specifications
 - requirements of containers, variation in containers and the packing process
 - methods used to check quality
 - common causes of carton packing quality issues and corrective action required, including removal of out-of-specification containers and cartons

- planned sampling and testing associated with process monitoring and control
- responding to machinery alerts and notifications
- recording of results
- isolating samples for testing
- product identification and traceability requirements, including:
 - client or receiver requirements or specifications
 - carton coding
- health and safety hazards and controls, including awareness of the limitations of personal 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 carton packing process, including:
 - rework and reuse of products
 - waste processing
- manual handling procedures related to the packing process.

Assessment Conditions

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

- physical conditions:
 - an industrial carton packaging plant
- resources, equipment and materials:
 - the equipment stipulated in the performance evidence
 - packaging cartons and inserts
 - the containers to be packaged stipulated in the performance evidence
 - packaging consumables, including glue and ink
- specifications:
 - two packing work orders stipulated in the performance evidence
 - workplace procedures for an automatic packing process and the machinery and equipment stipulated in the performance evidence
- relationships:
 - supervisor and others 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>