



Australian Government

Assessment Requirements for FBPOPR2004 Operate a beer packaging process

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 1.0

Performance Evidence

An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit.

There must be evidence that the individual has set up, operated, adjusted and shut down a beer packaging process on at least one occasion, including:

- accessing workplace information to identify production requirements for the packaging process
- selecting, fitting and using personal protective clothing and equipment
- interpreting the production schedule
- confirming supply of necessary materials and services
- confirming packaging equipment status and condition
- conducting pre-start checks, including:
 - inspecting equipment condition to identify any signs of wear
 - selecting appropriate settings and/or related parameters
 - cancelling isolation or lock-outs
 - confirming that equipment is clean and correctly configured for processing requirements
 - positioning sensors and controls correctly
 - ensuring any scheduled maintenance has been carried out
 - confirming that all safety guards are in place and operational
- setting up and starting up the process, including the use of process control systems, and adjusting the packagers to product specifications
- monitoring the packaging process and equipment operation to identify out-of-specification results or non-compliance, including:
 - glue seals on cartons
 - incorrect shape
 - materials faults
 - incomplete shrink wrapping

- equipment faults
- services faults
- monitoring supply and flow of materials to and from the packer
- taking corrective action in response to out-of-specification results or non-compliance
- safely accessing, isolating and clearing jams in packaging equipment
- reporting and/or recording corrective action
- replenishing the packing process with raw materials, ingredients and packaging consumables
- verifying that output meets specifications
- implementing size/product changeovers
- sorting, collecting, treating, recycling or disposing of waste
- shutting down packaging equipment in response to emergency situation
- shutting down packaging equipment in response to routine shutdown requirements
- preparing packaging equipment for cleaning
- maintaining work area to meet housekeeping standards
- recording workplace information
- cleaning and sanitising equipment according to workplace procedures
- following relevant work health and safety procedures.

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 basic principles of the packaging process
- relationship between the packaging process, fillers, labellers, other packaging equipment and palletisers, including stages that occur during filling and packaging
- requirements of the packaging process and types of packers
- microbiological considerations in filling and packaging beer
- effect of packaging on the end product
- process specifications, procedures and operating parameters of the beer packaging process
- significance and methods of monitoring control points within the packaging process
- beer packaging equipment and instrumentation components, purpose and operation
- services used in the packaging process
- common causes of variation in equipment and corrective action required
- work health and safety hazards and controls relevant to the beer packaging process
- procedures and responsibility for reporting problems
- shutdown and cleaning requirements associated with changeovers, and types of shutdowns
- waste handling requirements and procedures relevant to the beer packaging process
- recording requirements and procedures, including down time
- cleaning and sanitation procedures for the beer packaging process.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - personal protective clothing and equipment
 - beer packaging equipment
 - services
 - stock required for the beer packaging process
 - stock flow system
 - related work areas and communication system
 - relevant work health and safety clothing and equipment
- specifications:
 - work procedures, including advice on safe work practices, food safety and environmental requirements
 - production schedule and batch instructions
 - material safety data sheets, where appropriate
 - specifications, control points and filling parameters
 - routine preventative maintenance schedule
 - cleaning schedule
 - sampling and testing schedules
 - documentation and recording requirements and procedures.

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>