



Australian Government

Assessment Requirements for FBPBPG2012

Operate a 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 6.0.

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 operated a packaging process to package at least one batch of products to specification, including:

- starting, operating, monitoring and adjusting packaging equipment to achieve required outcomes, including:
 - packaging components/consumables and/or product
 - monitoring control points as required to confirm process remains within specification
- following safe work procedures
- addressing routine processing issues.

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, including:
 - the purpose and characteristics required of packaging materials used
 - the principles of the packaging process used (where methods involve vacuum or map packaging, this includes an understanding of the effect of modified atmosphere on product shelf-life)
- product and packaging coding requirements and related legal requirements, including product weight
- basic operating principles of equipment, including:
 - main equipment components
 - status and purpose of guards
 - equipment operating capacities and applications
 - the purpose and location of sensors and related feedback instrumentation
- services required and action to take if services are not available

- the flow of processes supplying the packaging process, and the effect of outputs on downstream processes
- quality characteristics required of the packaging process, including seal integrity requirements
- effect of variation in inputs, including packaging components/consumables, materials and/or services, on process performance
- operating requirements and parameters, and corrective action required where operation is outside specified operating parameters, including restart procedures following a crash or jam-up
- typical equipment faults and related causes, including signs and symptoms of faulty equipment, and early warning signs of potential problems
- methods used to monitor the packaging process, including visual inspecting, and measuring and testing as required by the process
- inspection or test points (control points) in the process and the related procedures and recording requirements (including weights, codes, placement, glue temperatures, alignment and appearance, configuration and seal integrity)
- contamination/cross-contamination and safety risks related to stages in the packaging process, and related control measures
- common causes of variation, and corrective action required
- health and safety hazards and controls relevant to the packaging process
- requirements of different shutdowns as appropriate to the packaging process, including:
 - emergency and routine shutdowns and procedures to follow in the event of a power outage
 - conducting basic equipment referencing where required
- isolation, lock-out and tag-out procedures and responsibilities
- procedures and responsibility for reporting production and performance information
- environmental issues and controls relevant to the process, including waste/rework collection and handling procedures related to the process
- basic operating principles of process control, including the relationship between control panels and systems and the physical equipment
- cleaning and sanitisation procedures for packaging equipment
- recording requirements for traceability of product.

Assessment Conditions

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

- physical conditions:
 - a packaging workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - packaging equipment and related services
 - personal protective equipment
 - materials to be packaged, and packaging components/consumables

- cleaning materials and equipment
- specifications:
 - work procedures, including advice on safe work practices, quality and environmental requirements
 - information on equipment capacity and operating parameters
 - specifications, control points and operating parameters
 - recording requirements.

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>