



Australian Government

FBPBEV2001 Operate a deaeration, mixing and carbonation process

Release: 1

FBPBEV2001 Operate a deaeration, mixing and carbonation process

Modification History

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

Application

This unit of competency describes the skills and knowledge required to set up, operate, adjust and shut down equipment used to deaerate, mix and carbonate aerated drink products prior to filling.

The unit applies to individuals who are production workers responsible for applying basic operating procedures to operate and monitor, a deaerator, a continuous flow mixing process and a carbonator.

All work must be carried out to comply with workplace procedures, in accordance with State/Territory work health and safety, and food safety regulations, legislation and standards that apply to the workplace.

No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Beverages (BEV)

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 the equipment and process for operation	1.1 Ensure materials are available according to operating requirements 1.2 Identify and ensure cleaning and maintenance requirements have

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	<p>been met according to food safety requirements</p> <p>1.3 Fit and adjust machine components and related attachments according to operating requirements</p> <p>1.4 Enter processing or operating parameters to meet safety and production requirements</p> <p>1.5 Check and adjust equipment to ensure optimum performance</p> <p>1.6 Carry out pre-start checks according to operator instructions</p>
2. Start and monitor the deaeration, mixing and carbonation process	<p>2.1 Start and operate the process according to work health and safety and operating procedures</p> <p>2.2 Monitor equipment to identify variation in operating conditions</p> <p>2.3 Identify variation in equipment operation and report maintenance requirements</p> <p>2.4 Ensure that product specifications are being met at each stage according to production specifications</p> <p>2.5 Rectify or report out-of-specification product or process outcomes according to workplace procedures</p>
3. Shut down the deaeration, mixing and carbonation process and report maintenance requirements	<p>3.1 Identify the appropriate shutdown procedure</p> <p>3.2 Shut down the process safely according to operating procedures</p> <p>3.3 Maintain the work area and report identified maintenance requirements according to workplace procedures</p> <p>3.4 Update and maintain records according to workplace procedures</p>

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	<ul style="list-style-type: none"> Interpret textual information to identify relevant and key information from specifications, instructions, production schedules and operating and service manuals
Writing	<ul style="list-style-type: none"> Use clear language and correct concepts and industry terminology

Skill	Description
	for reporting and keeping records
Numeracy	<ul style="list-style-type: none"> Recognise and perform basic calculations for handling product and material weights and volumes and for setting processing parameters
Oral communication	<ul style="list-style-type: none"> Use clear language and correct concepts and industry terminology to ensure clarity of meaning when reporting issues
Navigate the world of work	<ul style="list-style-type: none"> Recognise and implement organisational expectations and follow explicit protocols and procedures
Get the work done	<ul style="list-style-type: none"> Follow clearly defined instructions and sequencing, and monitor own progress for the task, seeks assistance when necessary Respond to routine problems following instruction and procedures

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPBEV2001 Operate a deaeration, mixing and carbonation process.	FDFBV2001A Operate a deaeration, mixing and carbonation process.	Updated to meet Standards for Training Packages Minor changes to Performance Criteria for clarity	Equivalent unit

Links

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