



**Australian Government**

# **FBPBEV3001 Operate and monitor a wort production process**

**Release: 1**

# FBPBEV3001 Operate and monitor a wort production process

## Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 6.0.

## Application

This unit of competency describes the skills and knowledge required to set up, operate, adjust and shut down a wort production process.

This unit applies to individuals who are responsible for the operation and monitoring of wort production and associated equipment in a beer manufacturing environment.

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

No 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 for work in processing area	1.1 Check production requirements against job specifications 1.2 Confirm availability of required materials according to production requirements 1.3 Confirm availability of services according to production requirements

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Wear appropriate personal protective clothing, and ensure correct fit
2. Prepare the wort production process for operation	2.1 Conduct pre-start checks of equipment according to operating procedures 2.2 Identify health, safety and food safety hazards and controls according to operating procedures 2.3 Set the wort production process to meet production requirements
3. Operate and monitor equipment	3.1 Start up the wort production system according to operating procedures 3.2 Monitor control points to confirm performance is maintained within specification 3.3 Undertake simple tests according to operating procedures 3.4 Ensure system and sub-system outputs meet specification 3.5 Monitor equipment to confirm optimal operations 3.6 Identify, rectify and/or report out-of-specification wort, process and equipment performance 3.7 Record production details in line with workplace and regulatory requirements
4. Shut down the wort production system	4.1 Identify and implement the appropriate shutdown procedure 4.2 Clean and maintain equipment according to workplace procedures 4.3 Collect, treat and dispose of or recycle waste generated by both the process and cleaning procedures according to environmental procedures

## 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"> <li>Interpret safety information and workplace and standard operating procedures</li> </ul>

Skill	Description
	<ul style="list-style-type: none"><li>Interpret production requirements</li><li>Interact with digital screens</li></ul>
Writing	<ul style="list-style-type: none"><li>Complete batch records to meet workplace and regulatory requirements using electronic, digital and/or paper-based formats</li></ul>
Numeracy	<ul style="list-style-type: none"><li>Monitor process control indicators and data</li><li>Monitor supply and flow of materials to and from the process</li><li>Read and interpret gauges and scales</li><li>Measure volume of wort (L and hL)</li></ul>

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPBEV3001 Operate and monitor a wort production process	FBPOPR2061 Operate a wort production process	Unit sector code updated to better match work task  Code updated to better match complexity of work task  Prerequisite removed  Changes to Elements and Performance Criteria to clarify task  Foundation Skills refined  Performance Evidence clarified  Minor changes to Knowledge Evidence and Assessment Conditions	Equivalent

## Links

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