



Australian Government

FBPBEV3002 Prepare and monitor beer yeast propagation processes

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.

Application

This unit of competency describes the skills and knowledge required to prepare and monitor beer yeast propagation processes.

This unit applies to workers who have responsibility for yeast propagation in the brewing industry. These individuals may have some responsibility for others, and address routine, predictable problems.

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 propagation	1.1 Identify and confirm propagation requirements 1.2 Wear appropriate personal protective clothing, and ensure correct fit

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Prepare yeast cultures for use according to specifications 1.4 Confirm product and materials are available to meet propagation requirements 1.5 Prepare product to meet specified propagation requirements 1.6 Confirm propagation services are available and ready for operation
2. Prepare equipment for culture preparation	2.1 Check cleaning and sterilising equipment to confirm readiness for use 2.2 Select, clean and sterilise propagation equipment according to health, safety and food safety procedures 2.3 Select, clean and sterilise transfer equipment according to health, safety and food safety procedures 2.4 Start up the beer yeast propagation process according to workplace health and safety and operating requirements
3. Maintain and monitor the propagation process	3.1 Conduct transfer operations to meet propagation requirements 3.2 Conduct the culture propagation process according to workplace procedures 3.3 Make scale-up additions to ensure optimum performance 3.4 Monitor control points to confirm performance is maintained within specification 3.5 Monitor equipment to optimal operations 3.6 Identify, rectify and report out-of-specification product, process and equipment performance according to workplace procedures
4. Complete propagation activities	4.1 Complete the propagation process according to workplace procedures 4.2 Dismantle equipment and prepare for cleaning according to workplace requirements 4.3 Collect, treat and dispose of or recycle waste generated by both the process and cleaning procedures 4.4 Conduct work in accordance with workplace environmental guidelines 4.5 Record workplace information in the appropriate format according to workplace requirements

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	- Interpret workplace and standard operating procedures relevant to job task - Interpret production requirements
Writing	Complete processing records using electronic, digital and/or paper-based formats
Numeracy	- Perform counts on samples using grids - Interpret and apply dilution ratios - Log and track yeast counts

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPBEV3002 Prepare and monitor beer yeast propagation processes	FBPOPR2003 Prepare and monitor beer yeast propagation processes	Unit sector updated to better match work task Code updated to better match complexity of work task Minor changes to Performance Criteria to clarify task Foundation Skills refined Performance Evidence clarified Minor changes to Knowledge Evidence to clarify requirements 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>