



Australian Government

FBPCEL3009 Operate the crossflow filtration process

Release: 1

FBPCEL3009 Operate the crossflow filtration process

Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 2.0

Application

This unit of competency describes the skills and knowledge required to operate crossflow filtration within wine cellar operations.

The unit applies to individuals who take responsibility for their own work using discretion and judgement in the selection and use of available resources.

All work must be carried out to comply with workplace procedures, according to state/territory 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

Cellar Operations (CEL)

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 crossflow filtration operations	1.1 Identify job requirements 1.2 Confirm availability of required materials and services to meet production requirements 1.3 Confirm environmental guidelines and identify potential health and safety in the workplace hazards and controls according to

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	workplace procedures 1.4 Select, fit and use personal protective equipment relevant to the job requirements 1.5 Prepare materials to meet production requirements 1.6 Check equipment to confirm readiness for use according to workplace procedures 1.7 Set the crossflow filtration process to meet production requirements
2. Operate and monitor the crossflow filtration	2.1 Start up the crossflow filtration process according to workplace procedures 2.2 Monitor process confirm crossflow filtration meets specifications 2.3 Identify and address non-conformance of product, process and equipment according to workplace procedures
3. Shut down the crossflow operation	3.1 Identify and implement appropriate shutdown procedures 3.2 Dismantle equipment safely and prepare for cleaning 3.3 Collect, treat and dispose of or recycle waste generated by both the crossflow filtration process and cleaning procedures 3.4 Record information according to workplace 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	Comprehend instructions in workplace documents
Writing	Complete workplace documents in required format
Numeracy	- Perform calculations relating to measurements, quantities and operational specifications - Interpret symbols and numbers during monitoring of process
Navigate the world of	Apply workplace procedures and legislative responsibilities to

Skill	Description
work	own role
Interact with others	• Use required communication mode to report operational information to relevant personnel
Get the work done	• Plan, sequence and implement tasks according to set routines and procedures • Problem solve issues as they arise

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPCEL3009 Operate the crossflow filtration process	Not applicable	New unit to meet industry requirements	No equivalent unit

Links

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>