



Australian Government

FBPCEL2010 Prepare and wax tanks

Release: 1

FBPCEL2010 Prepare and wax tanks

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 prepare and wax tanks in winemaking. It may involve work in confined spaces.

The unit applies to individuals who work in winemaking operations and take responsibility for their own work. Individuals generally work under supervision but have some autonomy and accountability for their own work.

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.

Legislative requirements relating to confined space entry and hot work controls apply to this unit. Special tank entry and breathing equipment may be required. Users are advised to check with the relevant state/territory health and safety in the workplace authority.

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 materials and tank for waxing	1.1 Identify and confirm waxing requirements 1.2 Confirm environmental guidelines and identify potential health and safety in the workplace hazards and controls according to workplace procedures

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 Select, fit and use personal protective equipment required for waxing process 1.4 Confirm with supervisor that the relevant worksite permits have been obtained prior to commencement of waxing process 1.5 Prepare tank and confirm that it is ready to wax in accordance with workplace procedures 1.6 Check equipment and confirm readiness for use according to workplace procedures 1.7 Confirm that services are available and operational to meet waxing requirements 1.8 Prepare wax according to manufacturer's and workplace instructions
2. Wax tanks	2.1 Remove top layer of wax following safe work practices 2.2 Apply wax according to workplace procedures 2.3 Operate equipment according to workplace procedures and manufacturer instructions 2.4 Monitor waxing process and address non-conformances in process and equipment according to workplace procedures 2.5 Confirm waxed tank meets waxing requirements
3. Complete tank waxing activities	3.1 Identify and implement appropriate equipment shutdown procedures 3.2 Clean and store equipment 3.3 Collect, treat and dispose of or recycle waste generated by both the waxing process and cleaning procedures 3.4 Return tank to operating order according to workplace procedures 3.5 Record workplace 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
Navigate the world of work	Apply workplace procedures and legislative responsibilities to 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 - Respond to routine problems using workplace instructions and procedures

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPCEL2010 Prepare and wax tanks	FDFCEL2020A Prepare and wax tanks	Updated to meet Standards for Training Packages Minor changes to Elements and Performance Criteria for clarity	Equivalent unit

Links

Companion Volume Implementation Guides are found in VETNet: -

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

Assessment Requirements for FBPCEL2010 Prepare and wax tanks

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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 prepared and waxed at least one tank, including:

- accessing workplace information to identify waxing requirements
- selecting, fitting and using appropriate personal protective equipment
- checking supply and status of material, equipment and services before commencing waxing
- carrying out the waxing process
- conducting work safely and following health and safety procedures including identifying hazards and controlling risks associated with working in confined spaces
- monitoring the process and taking corrective action in response to non-conformance results
- correctly completing and finishing the waxing process
- conducting work according to environmental and health and safety requirements.

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 of waxing tanks and the links between waxing and other processes used in wine operations
- basic operating principles of waxing equipment
- materials used in the waxing process including preparation requirements and effect of variation on the waxing process:
 - tanks with damage
 - different wax mix preparation requirements
- methods used to monitor the process

- common causes of non-conformance results for product, process and equipment and corrective action required including:
 - issues that can be rectified
 - issues that must be reported
- responsibilities for health and safety in the workplace including:
 - health and safety hazards associated with the waxing process
 - methods for controlling risks associated with work health and safety hazards, including confined space entry
- responsibilities for identifying and controlling environmental issues
- workplace procedures and responsibility for:
 - confined space entry
 - reporting problems
 - shutting down the process
 - cleaning
 - handling waste
 - recording required information.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a wine operation workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - personal protective equipment for waxing operations
 - materials and equipment for confined space entry (if required)
 - equipment and materials for waxing process
 - system for recording and reporting information
- specifications:
 - workplace procedures for preparing and waxing tanks.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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