



Australian Government

FBPCEL2001 Perform oak handling activities

Release: 1

FBPCEL2001 Perform oak handling activities

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 use, treat, repair, store and stack oak barrels and casks. 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.

No occupational licensing, legislative or certification requirements apply to this unit at the time of publication. Users are advised to check with the relevant state or territory health and safety workplace authority for advice on confined space entry.

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 oak handling activities	1.1 Identify and confirm job requirements 1.2 Identify applicable handling activities, environmental guidelines and legislative requirements 1.3 Identify potential workplace health and safety hazards, assess risks

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	and implement control measures 1.4 Select and fit personal protective equipment relevant to the job requirements 1.5 Check equipment and materials to ensure availability and readiness for use according to workplace procedures
2. Use oak materials for production requirements	2.1 Locate and identify oak product required to meet job requirement 2.2 Select and follow workplace procedures for filling, emptying and topping 2.3 Use transfer operations to complete production requirements
3. Treat, store and repair oak	3.1 Identify treatment, storage and repair requirements for oak product 3.2 Confirm that oak meets job requirements 3.3 Treat, store and repair oak to meet workplace procedures 3.4 Operate and monitor equipment to ensure job requirements are being maintained 3.5 Identify and address non-conformance results according to workplace procedures
4. Stack oak barrels and casks	4.1 Identify and plan stacking requirements for oak barrels and casks 4.2 Select stacking method and implement according to specification and safe work practices 4.3 Confirm stacked oak barrels and casks meet specification 4.4 Identify and address non-conformance stacking
5. Complete oak handling activities	5.1 Shut down equipment safely according to workplace procedures 5.2 Collect, treat and dispose of or recycle waste according to workplace procedures and relevant legislation 5.3 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
FBPCEL2001 Perform oak handling activities	FDFCEL2001A Perform oak handling activities	Updated to meet Standards for Training Packages Minor changes to Elements and Performance Criteria for clarity Prerequisites removed	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 FBPCEL2001 Perform oak handling activities

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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 demonstrated the following on at least one occasion:

- accessing workplace information to identify oak handling requirements
- identifying legislative and workplace requirements related to oak handling
- selecting and fitting personal protective equipment
- selecting, setting up and operating equipment
- carrying out oak handling and treatment according to workplace procedures
- monitoring oak handling activities and equipment to identify non-conformance results
- carrying out minor repairs
- stacking and securing oak vessels according to workplace procedures
- shutting down equipment in routine and emergency situations
- conducting work safely and following health and safety procedures including identifying hazards and controlling risks associated with working in confined spaces
- following workplace procedures for:
 - maintaining records
 - reporting and recording corrective action
 - sorting, collecting, treating, recycling or disposing of waste.

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 and principles of oak use in winemaking and spirit production
- links between oak handling and related processes in cellar operations
- effect of oak storage on end product
- types of oak used for storage

- common faults in oak barrels and casks and effect on end product
- possible sources of oak contamination and effect on end product
- minor repair methods and procedures
- main methods used in oak barrel and cask stacking
- common causes of variation and corrective action required
- types of shutdown and associated requirements for routine and emergency situations
- health and safety hazards and controls in the workplace including instructions for use of chemicals in oak treatment
- hazards and controls associated with confined space entry
- workplace procedures and responsibility for:
 - recording requirements
 - reporting problems
 - waste handling.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a wine operations workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - personal protective equipment for oak handling activities
 - materials and equipment for confined space entry (if required)
 - materials handling equipment
 - oak products for activities in performance evidence
 - system for recording and reporting information
- specifications:
 - workplace procedures for oak handling activities.

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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