



Australian Government

Assessment Requirements for FBPCEL3004 Operate an earth filtration process

Release: 1

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Modification History

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

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 at least one earth filtration process, including:

- accessing workplace information to identify earth filtration processing requirements
- selecting and fitting appropriate personal protective equipment (PPE)
- checking supply and status of materials before commencing earth filtration operation
- preparing and confirming status of equipment and services before commencing earth filtration process
- setting up and starting the earth filtration process
- monitoring the earth filtration process
- taking corrective action in response to non-conformance results
- shutting down the process after earth filtration operations are completed
- conducting work according to environmental and health and safety requirements in the workplace.

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 the earth filtration process and the links between earth filtration and other processes used in wine operations
- use of filter media:
 - diatomaceous earth (DE)
 - perlite
 - cellulose
- materials used in the earth filtration process including:
 - preparation requirements and effect of variation on the earth filtration process

- main earth filtration techniques and how these techniques can affect the characteristics of the wine
- 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 earth filtration process
 - methods for controlling risks associated with health and safety hazards
- responsibilities for identifying and controlling environmental issues
- workplace procedures and responsibility for:
 - 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 operations workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - PPE for earth filtration operations
 - equipment and materials for earth filtration process
 - products for earth filtration process
 - system for recording and reporting information
- specifications:
 - workplace procedures for earth filtration operations.

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

Links

Companion Volume Implementation Guides are found in VETNet: -

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