



Australian Government

Assessment Requirements for FBPCEL3002 Operate the continuous clarification by separation (flotation) 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 operated at least one continuous clarification by separation (flotation) process including:

- accessing workplace information to identify clarification requirements
- selecting, fitting and using appropriate personal protective equipment
- checking supply and status of materials before commencing clarification operation
- preparing and confirming status of equipment and services before commencing filtration process
- setting up and starting the filtration process
- monitoring the filtration process
- taking corrective action in response to non-conformance results
- shutting down the process after clarification operations are completed
- 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 continuous clarification by separation (flotation) process and the links between the process and other processes used in wine operations
- basic operating principles of separation (flotation) process equipment
- materials used in the clarification by separation (flotation) process
- main separation (flotation) techniques and how these techniques can affect the characteristics of the wine
- pectin negative level when:
 - adding sulphur
 - cooling product

- adding pectin enzymes
- 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 clarification by separation (flotation) 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:
 - personal protective equipment for clarification by separation (flotation) operations
 - equipment and materials for clarification by separation (flotation) process
- specifications:
 - work procedures for continuous clarification by separation (flotation) process.

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>