



Australian Government

Assessment Requirements for FBPCEL3006 Operate the fine 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 operated the fine filtration process on at least two occasions, including:

- accessing and interpreting workplace information to identify filtration requirements
- selecting, fitting and using personal protective equipment
- confirming supply of necessary product and services
- preparing product including pre-filtering product to meet turbidity parameters of membrane
- confirming filtration equipment status and condition
- setting up and starting up the filtration process
- monitoring the process and equipment operation to identify non-conformance results
- taking corrective action in response to non-conformance results
- sorting, collecting, treating, recycling or disposing of waste
- following equipment shut down procedures
- preparing equipment for cleaning including draining and dismantling equipment
- 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 and principles of fine filtration and the links between filtration and related processes
- quality characteristics and uses of fine filtration product
- types and application of manual and computer controlled processes
- product preparation requirements and effect of variation on the process
- main methods used in fine filtration

- filtration equipment and instrumentation components, purpose and operation
- significance and method of monitoring the process
- common causes of variation and corrective action required
- routine shutdown and cleaning preparation requirements
- health and safety hazards and controls relating to filtration operations
- workplace procedures relating to filtration operations and responsibility for:
 - reporting problems
 - waste handling requirements
 - environmental issues and controls
 - recording 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 filtration operations
 - filtration equipment and membranes, filters and related materials required for operations
 - product for filtration
 - system for recording and reporting information
- specifications:
 - workplace procedures for 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>