



Australian Government

Assessment Requirements for FBPCEL3003 Operate the concentration 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 concentration process and demonstrated the following at least once:

- accessing workplace information to identify concentration requirements
- identifying legislative and workplace requirements related to the concentration process
- selecting, fitting and using personal protective equipment
- confirming equipment status and condition
- selecting, setting up and operating the concentration process
- monitoring the process and equipment operation to identify non-conformance results
- taking corrective action in response to non-conformance results
- following equipment shutdown procedures
- preparing equipment for cleaning including draining and dismantling equipment, and removing waste either manually or by rinsing, in preparation for cleaning
- conducting work according to environmental and health and safety procedures.

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 concentration operation and the links between concentration and related processes
- stages and changes which occur during concentration operation
- effect of process stages on end product
- quality characteristics and uses of concentrated product
- main controls used in concentration process:
 - flow rates
 - operating vacuum

- operating temperatures
- cone rpm
- dilution and product loss
- common causes of variation and corrective action required
- routine shutdown and cleaning preparation requirements
- typical workplace hazards and controls
- procedures and responsibility for:
 - reporting problems
 - environmental issues and controls
 - waste handling requirements
 - recording requirements.

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 required for the concentration process
 - concentration equipment and materials required for process
 - system for recording and reporting information
- specifications:
 - workplace procedures for concentration 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>