



Australian Government

FBPPHM3014 Operate a liquid manufacturing process

Release: 2

FBPPHM3014 Operate a liquid manufacturing process

Modification History

Release	Comments
Release 2	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 5.0.
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 set up, operate, adjust and shut down a liquid manufacturing process in a pharmaceutical manufacturing facility.

The unit applies to individuals who apply Good Manufacturing Practice (GMP) and operating principles to the liquid manufacturing process. Individuals work under broad direction and take responsibility for their own work.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Pharmaceutical (PHM)

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 the liquid manufacturing process for operation	1.1 Confirm materials and equipment are available and meet production requirements 1.2 Select and fit personal protective equipment and contamination prevention clothing according to workplace procedures 1.3 Fit and adjust machine components and attachments according to

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	production requirements and equipment operation and maintenance manual 1.4 Enter processing and operating parameters according to safety and production requirements 1.5 Check and adjust equipment performance according to equipment operating procedures 1.6 Conduct pre-start checks according to workplace requirements
2. Operate and monitor the liquid manufacturing process	2.1 Deliver raw materials in required quantities and sequence according to recipe specifications, batch and production requirements 2.2 Start up and monitor liquid manufacturing process to confirm specifications are within required limits 2.3 Identify, rectify and report out-of-specification liquid products or process outcomes to maintain process within specifications 2.4 Conduct in process testing 2.5 Transfer liquid mix according to production requirements 2.6 Maintain work area according to workplace cleaning standards 2.7 Conduct process according to safety and environmental requirements 2.8 Contain, remove and report spillages according to workplace procedures 2.9 Complete documentation according to workplace procedures
3. Shut down the liquid manufacturing process	3.1 Confirm workplace procedures for shutting down the process 3.2 Complete end-of-batch procedures according to batch instructions and workplace procedures 3.3 Safely shut down the process 3.4 Complete records 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	Identify relevant information from workplace documentation and interpret requirements for the liquid manufacturing process
Writing	Complete workplace documentation using appropriate language and in required format
Numeracy	- Interpret recipe specifications for loading materials in correct quantities and sequence - Confirm equipment timers, product weights and mixing times

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPPHM3014 Operate a liquid manufacturing process Release 2	FBPPHM3014 Operate a liquid manufacturing process Release 1	Foundation skills table updated Range of conditions deleted to remove duplication Minor changes to assessment requirements for clarity	Equivalent

Links

Companion Volume Implementation Guides are found in VETNet: -

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