



**Australian Government**

# **FBPPHM3006 Operate an extraction process**

**Release: 2**

## FBPPHM3006 Operate an extraction 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 an extraction process used to isolate organic materials using solvents in a pharmaceutical manufacturing facility.

The unit applies to individuals who apply Good Manufacturing Practice (GMP) and operating principles to the extraction 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 extraction equipment and process for operation	1.1 Confirm, blend and prepare materials to meet production requirements 1.2 Confirm required facilities, storage, equipment and personnel are available

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Select and fit personal protective equipment and contamination prevention clothing according to workplace procedures 1.4 Carry out line clearance procedures according to production requirements and equipment operation and maintenance manual 1.5 Follow procedures to eliminate or control the risk of cross-contamination 1.6 Conduct pre-start checks according to workplace procedures 1.7 Load material into percolator
2. Operate and monitor the extraction process	2.1 Start up and monitor extraction process to confirm that specifications are within required limits 2.2 Identify and report out of limit products or processes according to workplace procedures 2.3 Maintain work area according to workplace cleaning standards 2.4 Conduct process according to safety and environmental requirements 2.5 Complete documentation according to workplace requirements
3. Shut down the extraction process	3.1 Confirm workplace procedures for shutting down the process 3.2 Safely shut down the process 3.3 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	<ul style="list-style-type: none"> <li>Identify relevant information from workplace documentation and interpret requirements for the extraction process</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Complete workplace documentation using appropriate language and in required format</li> </ul>

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPPHM3006 Operate an extraction process Release 2	FBPPHM3006 Operate an extraction process Release 1	Minor changes to application, knowledge evidence and assessment conditions for clarity  Foundation skills table updated  Range of conditions deleted to remove duplication	Equivalent

## Links

Companion Volume Implementation Guides are found in VETNet: -

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