



Australian Government

FBPPHM3018 Operate a sterilisation process using an autoclave

Release: 1

FBPPHM3018 Operate a sterilisation process using an autoclave

Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 5.0.

Application

This unit of competency describes the skills and knowledge required to set up, operate, adjust and shut down a sterilisation process using an autoclave.

The unit applies to individuals who apply Good Manufacturing Practice (GMP) or other accreditation or certification requirements if relevant in other industries/settings, and operating principles to the terminal sterilisation of product and sterilisation of goods for aseptic processing using an autoclave. 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 and initiate operation of equipment	1.1 Check autoclave is operational and sterilisation load is available 1.2 Prepare items for sterilisation load by stacking, wrapping, taping or sealing according to Standard Operating Procedures (SOP) 1.3 Mark bags as required according to SOP 1.4 Load autoclave and position temperature load probe 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>
	load pattern requirements detailed in the SOP 1.5 Run pre-start leak test cycle and select the correct sterilisation cycle according to SOP 1.6 Initiate the autoclave cycle
2. Review autoclave printout at end of cycle	2.1 Review autoclave cycle printout or electronic report and confirm correct cycle was run with no faults or alarms detected 2.2 Complete documentation according to SOP
3. Remove items and follow shut down procedures	3.1 Commence shutdown of autoclave by confirming autoclave cycle is complete and autoclave is safe to open according to SOP 3.2 Remove items safely from autoclave and check contents 3.3 Check data logging or relevant indicators have been activated according to SOP 3.4 Confirm items are dry and sterilised 3.5 Clean autoclave according to SOP 3.6 Complete records according to SOP

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"> Identify relevant information from workplace documentation and interpret requirements for the sterilisation process
Writing	<ul style="list-style-type: none"> Complete workplace documentation using appropriate language and in required format
Numeracy	<ul style="list-style-type: none"> Confirm number of items according to loading pattern Interpret time and temperature specifications for cycle parameters Confirm post cycle results meet sterilisation requirements

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPPHM3018 Operate a sterilisation process using an autoclave	FBPPHM3016 Operate a sterilisation process using an autoclave	Major changes to performance criteria for clarity and industry currency Foundation skills table updated Assessment requirements updated	Not equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>