



Australian Government

FBPOPR3011 Operate and monitor a heat treatment process

Release: 1

FBPOPR3011 Operate and monitor a heat treatment process

Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to set up, operate, adjust and shut down a heat treatment process.

This unit applies to individuals who work in a food processing environment. It typically applies to the production worker responsible for applying basic operating principles to the operation and monitoring of a heat treatment process and associated equipment.

All work must be carried out to comply with workplace procedures according to state/territory health and safety, environmental and food safety regulations, legislation and standards that apply to the workplace.

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

Pre-requisite Unit

Nil

Unit Sector

Operational (OPR)

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 for work in heat treatment processing area	1.1 Confirm product is available to meet processing requirements 1.2 Identify and confirm equipment has been cleaned according to health, safety and food safety requirements 1.3 Identify safety requirements and wear appropriate personal

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	protective clothing and equipment and ensure correct fit
2. Prepare the heat treatment process for operation	2.1 Fit and adjust machine components and related attachments, and adjust to meet operating requirements 2.2 Enter processing and operating parameters to meet safety and production requirements 2.3 Carry out pre-start checks according to workplace requirements
3. Operate and monitor equipment	3.1 Start up and operate the heat treatment process according to standard operating procedures 3.2 Monitor heat treatment equipment to ensure optimal operations 3.3 Identify, rectify and/or report out-of-specification equipment, product or process outcomes according to workplace requirements 3.4 Follow and apply workplace housekeeping, environmental and waste disposal procedures
4. Shut down the heat treatment process	4.1 Identify the appropriate shutdown procedure 4.2 Shut down the process according to safe work procedures 4.3 Identify and report maintenance requirements according to workplace procedures 4.4 Maintain workplace 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	- Interpret standard operating procedures for the heat treatment process - Interpret heat treatment requirements
Writing	Complete processing records using digital and/or paper-based formats
Numeracy	Monitor and interpret production and process control indicators and data, including time, temperature (°C), flow rates, pressure

Skill	Description
	Monitor supply and flow of materials to and from the process

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPOPR3011 Operate and monitor a heat treatment process	FBPOPR2040 Operate a heat treatment process	Unit code and title updated to match complexity of task Minor changes to Performance Criteria to clarify intent Foundation Skills refined Performance Evidence clarified Minor changes to Knowledge Evidence and Assessment Conditions	Equivalent

Links

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