



Australian Government

FBPOIL3006 Operate and monitor a soap splitting process

Release: 1

FBPOIL3006 Operate and monitor a soap splitting 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 operate, monitor, adjust and shut down a soap splitting process. It covers the splitting of soap stock into an acid oil stream and an acid water stream. This may also be referred to as an acid oil process.

This unit applies to individuals who apply basic operating principles to the operation and monitoring of a soap splitting process in an edible oils production environment.

All work must be carried out to comply with workplace procedures, in accordance with state/territory health and safety 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

Edible Oils (OIL)

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 soap splitting and related equipment for operation	1.1 Confirm soap stock is available to meet product recipe requirements 1.2 Identify safety requirements and wear appropriate personal protective clothing and equipment, ensuring correct fit

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 Confirm equipment has been cleaned and is not locked out 1.4 Fit and adjust machine components and related attachments according to operating requirements 1.5 Acknowledge and load recipe to meet production requirements 1.6 Conduct pre-start checks according to operator instructions
2. Operate and monitor equipment	2.1 Start up and operate the soap-splitting process according to safe operating procedures 2.2 Ensure equipment and hoses are placed for optimal operations and to ensure safety 2.3 Monitor equipment and services to ensure optimal operations 2.4 Identify and report irregularities in equipment operation, and report any maintenance requirements 2.5 Confirm specifications are met at each stage according to production processing specifications 2.6 Identify, rectify or report out-of-specification product and process outcomes according to workplace procedures 2.7 Maintain work area according to workplace guidelines 2.8 Test finished samples to ensure product meets specifications 2.9 Enter workplace records in required format
3. Shut down the soap splitting process	3.1 Identify appropriate shutdown procedure 3.2 Shut down the process safely according to operating procedures 3.3 Identify and report maintenance requirements according to workplace requirements 3.4 Ensure waste is disposed of in line with environmental requirements

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
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Skill	Description
Learning	Solve routine problems according to workplace guidelines and using experience of past solutions
Reading	Interpret standard operating procedures for the soap splitting process
Writing	Complete processing records using digital and/or paper-based formats
Numeracy	- Monitor control points for pH and temperature of reactors and acid water - Read gauges and scales - Inspect and monitor tank levels

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPOIL3006 Operate and monitor a soap splitting process	FBPGPS2009 Operate a soap splitting process	Unit title and code updated to better match work 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>