FBPGPS2009 Operate a soap splitting process

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package version 1.0.

Application

This unit of competency describes the skills and knowledge required to set up, operate, adjust and shut down a soap splitting process. This may also be referred to as an acid oil 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 work health and safety, and food safety regulations, legislation and standards that apply to the workplace.

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

Pre-requisite Unit

Nil

Unit Sector

Grocery and product supplies (GPS)

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Prepare the soap splitting and related equipment for operation	1.1 Confirm materials are available according to operating requirements 1.2 Identify and confirm cleaning and maintenance requirements have been met

Elements	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
	1.3 Fit and adjust machine components and related attachments according to operating requirements
	1.4 Enter processing or operating parameters to meet safety and production requirements
	1.5 Check and adjust equipment performance to ensure optimum performance
	1.6 Conduct pre-start checks according to operator instructions
2. Operate and monitor the soap splitting process	2.1 Start up and operate the soap-splitting process according to work health and safety and operating procedures
	2.2 Monitor equipment to identify variation in operating conditions
	2.3 Identify variation in equipment operation and report maintenance requirements
	2.4 Confirm that specifications are met at each stage according to production specifications
	2.5 Identify, rectify or report out-of-specification product and process outcomes according to workplace procedures
	2.6 Maintain the work area according to workplace guidelines
	2.7 Enter workplace records in required format
3. Shut down the soap splitting process	3.1 Identify the appropriate shutdown procedure
	3.2 Shut down the process safely according to operating procedures
	3.3 Identify and report maintenance 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
Reading	• Read and interpret standard operating procedures for the soap splitting process
Writing	• Complete records according to workplace guidelines on paper-based and electronic media

Skill	Description
Numeracy	• Monitor control points for pH and temperature of reactors and acid water • Inspect and monitor tank levels
Navigate the world of work	• Apply workplace procedures to own role and responsibilities • Understand main tasks, responsibilities and boundaries of own role, including use of personal protective clothing and equipment, housekeeping standards and environmental care requirements • Maintain a clean and hazard-free work area • Maintain hygiene standards
Interact with others	• Report operational and safety information to relevant personnel using required communication method
Get the work done	• Solve routine problems according to workplace guidelines and using experience of past solutions

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPGPS2009 Operate a soap splitting process	FDFGPS2009A Operate a soap splitting process	Updated to meet Standards for Training Packages	Equivalent unit

Links

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