



Australian Government

FBPOIL3004 Operate and monitor a flake preparation process

Release: 1

FBPOIL3004 Operate and monitor a flake preparation 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 prepare the oil and water phases and operate, monitor, adjust and shut down the flaking process to prepare pastry margarine for further processing through a complector.

This unit applies to individuals who apply basic operating principles to the operation and monitoring of flake preparation equipment and processes 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 flake preparation and related equipment for operation	1.1 Ensure oil stock and emulsion are available to meet the 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 flaking equipment and drum are clean and not locked out 1.4 Fit and adjust machine components and related attachments according to operating requirements 1.5 Enter processing or operating parameters to meet safety and production requirements 1.6 Conduct pre-start checks according to operator instructions
2. Operate and monitor equipment and services	2.1 Start up and operate flake preparation 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 specifications 2.6 Identify, rectify or report out-of-specification product or process outcomes according to workplace procedures 2.7 Maintain work area according to workplace guidelines 2.8 Test flake samples to ensure product meets specifications 2.9 Enter workplace records in required format
3. Shut down the flake preparation process	3.1 Identify appropriate shutdown procedure 3.2 Shut down 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
Learning	Solve routine problems according to workplace guidelines and using experience of past solutions
Reading	Interpret standard operating procedures for the flake preparation process
Writing	Complete processing records using digital and/or paper-based formats
Numeracy	- Read gauges and scales - Monitor control points for flake and emulsion temperature (°C), drum speed, flake thickness, moisture and salt levels

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPOIL3004 Operate and monitor a flake preparation process	FBPGPS2004 Operate a flake preparation 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>