



**Australian Government**

**Assessment Requirements for FBPFST5027  
Implement and review the production of  
milk and related products by the membrane  
system**

**Release: 1**

# Assessment Requirements for FBPFSST5027 Implement and review the production of milk and related products by the membrane system

## Modification History

Release	Comments
Release 1	This version released with the FBP Food, Beverage and Pharmaceutical Training Package Version 2.0.

## Performance Evidence

An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit.

There must be evidence that the individual has implemented and reviewed the production of one type of milk and one milk-related product, including:

- identifying and implementing the appropriate production system
- estimating the resource requirements for a specific order or run
- diagnosing, rectifying and/or reporting problems arising from the preparation and production using a membrane system
- implementing adjustments to process and equipment in response to test results
- carrying out product sampling and testing according to the critical control point (CCP)-based plan and operational procedures
- reviewing production procedures.

## Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- different types of milk and related products manufactured by a membrane system
- statutory compositional requirements for the different types of milk and related products manufactured by a membrane system
- the purpose of each process, and the principles of operation of equipment and accessories, for the preparation and production of different milk products
- production systems used by a membrane system
- operation of equipment and accessories used in the preparation and manufacturing processes
- critical factors in the preparation and production of milk and related products manufactured by a membrane system

- potential problems and product defects arising from a membrane system of manufacture
- formulation of milk and related products
- role of major ingredients found in milk and related products
- testing procedures for raw materials through to manufactured product
- sensory analysis techniques
- chemical and physical hazards that may affect milk and related products manufactured by a membrane system
- safe work procedures
- sanitation and hygiene procedures
- CCP principles and critical limits in a CCP program
- regulatory requirements associated with milk and related products manufactured by a membrane system
- environmental impacts of a membrane system.

## Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
  - skills must be demonstrated in a workplace setting or an environment that accurately represents a real workplace
- resources, equipment and materials:
  - production process and related equipment, manufacturers' advice and operating procedures
- specifications:
  - tests used to report relevant product/process information and recorded results.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

## Links

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>