



Australian Government

Assessment Requirements for FBPFST5025 Implement and review the production of concentrated and dried dairy products

Release: 1

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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 manufacture of at least one concentrated and dried dairy product, including:

- selecting the formulation for the product
- implementing the production process, ensuring all resources and requirements are available and meet workplace requirements
- setting up the processing system to operating specifications before and during production
- identifying potential product defects and non-conformances and their causes, which may arise in the preparation and manufacture of the concentrated and dried dairy product
- diagnosing and addressing faults and non-compliances
- making adjustments to process/equipment in response to non-conformances
- carrying out product sampling and testing according to the critical control point (CCP)-based plan and operational procedures
- providing relevant information to work colleagues to facilitate understanding of, and compliance with, the Australian Standards and associated regulations.

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 and formulation of concentrated and/or dried milk and related products
- production systems used for the preparation and manufacture of concentrated and/or dried milk and related products
- the output of each of the processes used in the preparation and manufacture of concentrated and/or dried milk and related products
- the major ingredients found in concentrated and/or dried milk and related products

- preparation and manufacture of concentrated and/or dried milk and related products, including mix standardisation/calculation, mixing/blending, homogenisation, heat treatment, packaging, and storage and distribution
- the production system for the preparation and manufacture of concentrated and/or dried milk and related products, including production instruction, quality assurance requirements and specifications, production specification and standards, production equipment, production procedures, cleaning procedures and materials and raw materials
- critical factors in the preparation and manufacture of concentrated and/or dried milk and related products
- potential product defects and their causes, which may arise in the preparation and manufacture of concentrated and/or dried milk and related dairy products
- specific domestic and export market specifications for concentrated and/or dried milk and related products
- sensory analysis techniques
- chemical and physical hazards that may affect milk-based products
- sampling and testing techniques and how to interpret results
- procedures for milk product storage, handling and preparation
- sanitation and hygiene procedures
- identification of CCPs and critical limits
- regulatory requirements associated with concentrated and dried dairy products.

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 dairy processing 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
- relationships:
 - team members.

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>