



**Australian Government**

# **FBPCHE3004 Carry out processing for a range of artisan cheeses**

**Release: 1**

## FBPCHE3004 Carry out processing for a range of artisan cheeses

### 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 carry out artisan cheese making processes.

This unit applies to individuals who work in small scale cheese production enterprises and use discretion and judgement in their work.

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 are known to apply to this unit at the time of publication.

### Pre-requisite Unit

Nil

### Unit Sector

Cheese (CHE)

### 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 to work                               | 1.1 Organise the work tasks to be completed<br>1.2 Identify workplace health and safety hazards, assess risks and implement control measures<br>1.3 Identify and address food safety and quality non-compliance issues according to legislative requirements |

| Elements                                                            | Performance Criteria                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i>                    | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                                |
|                                                                     | 1.4 Select and use appropriate personal protective equipment                                                                                                                                                                                                                                                                                                                          |
| 2. Apply sanitisation procedures                                    | 2.1 Ensure the storage area for starter cultures is maintained according to workplace hygiene practices<br>2.2 Keep all surfaces and equipment clean and sanitised according to workplace sanitisation procedures<br>2.3 Ensure raw milk is kept separate from pasteurised milk operations<br>2.4 Record food safety related information according to workplace food safety standards |
| 3. Implement procedures to prepare milk for cheese making           | 3.1 Implement standardisation procedures for milk to be processed into cheese, as required of product specification<br>3.2 Carry out pasteurisation procedures for milk, as required of product specification                                                                                                                                                                         |
| 4. Carry out procedures to inoculate milk and cut the curd          | 4.1 Add inoculants and adjuncts to milk, and allow it to ripen to specification<br>4.2 Measure rennet accurately and dilute before adding to milk<br>4.3 Maintain temperature at specified level according to the production requirements<br>4.4 Test curd for readiness to cut according to production testing procedures                                                            |
| 5. Implement procedures to separate, cook and wash the curd         | 5.1 Carry out curd cutting according to production procedures<br>5.2 Test whey for pH or acidity and temperature to ensure curd cutting efficiency<br>5.3 Ensure optimal syneresis according to cooking schedule and curd stirring requirements<br>5.4 Carry out draining procedures to ensure curd is at required moisture, pH level and consistency                                 |
| 6. Carry out fermentation, salting and optional pressing treatments | 6.1 Transfer curd to hoops to form the correct shape for the type of cheese<br>6.2 Maintain temperature profile required for the cheese type to complete fermentation<br>6.3 Add salt after draining according to cheese type<br>6.4 Apply salting treatments according to cheese type                                                                                                |

| Elements                                                                             | Performance Criteria                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i>                                     | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                        |
|                                                                                      | 6.5 Press dry salted cheese in hoops according to product specification                                                                                                                                                                                                                                                                                                       |
| 7. Implement cheese curing and packaging procedures                                  | 7.1 Apply maturing requirements according to cheese type<br>7.2 Monitor the maturing environment according to the cheese type<br>7.3 Apply ripening agents to cheese according to requirements of cheese type<br>7.4 Carry out packaging and labelling procedures either before or after maturing according to cheese type and workplace requirements                         |
| 8. Assess the organoleptic properties of cheese, and relate to specifications        | 8.1 Check that flavour meets specifications for the cheese type<br>8.2 Examine the texture of cheese and compare to specifications<br>8.3 Examine cheese for evenness of colour and finish according to specifications<br>8.4 Identify possible causes of out-of-specification results, and make changes to procedures to address quality issues for future cheese production |
| 9. Meet workplace requirements for food safety, quality and environmental management | 9.1 Keep records of cheese manufacture according to workplace procedures<br>9.2 Dispose of waste according to workplace environmental and waste management procedures                                                                                                                                                                                                         |

## 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  | <ul style="list-style-type: none"> <li>Interpret cheese making procedures and specifications</li> </ul>                                                                                              |
| Writing  | <ul style="list-style-type: none"> <li>Accurately complete production records to ensure traceability</li> </ul>                                                                                      |
| Numeracy | <ul style="list-style-type: none"> <li>Interpret and manipulate numerical information for volumes, weights and measures of ingredients</li> <li>Calculate yield using established formula</li> </ul> |

## Unit Mapping Information

| Code and title<br>current version                              | Code and title<br>previous version                            | Comments                                                                                                                                      | Equivalence status |
|----------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| FBPCHE3004 Carry out processing for a range of artisan cheeses | FBPCHE3002 Carry out processes for a range of artisan cheeses | Title updated<br>Foundation Skills refined<br>Performance Evidence clarified<br>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>