



Australian Government

FBPDPR2007 Operate a cooling and hardening process

Release: 1

FBPDPR2007 Operate a cooling and hardening 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 knowledge and skills required to set up, operate, adjust and shut down a process to cool and harden dairy products to specification.

This unit applies to individuals who apply basic operating principles to the operation and monitoring of equipment and processes used to cool and harden dairy products in a dairy products 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

Dairy Processing (DPR)

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 cooling and hardening process for operation	1.1 Confirm materials and personal protective equipment are available for operating requirements 1.2 Identify and confirm equipment has been cleaned according to work health and safety and food safety requirements 1.3 Identify safety requirements and wear appropriate personal

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	protective clothing and equipment, ensuring correct fit 1.4 Conduct pre-start checks according to workplace requirements
2. Operate and monitor the cooling and hardening process	2.1 Start up and operate the cooling and hardening process according to workplace procedures 2.2 Identify variation in equipment operation, and report maintenance requirements 2.3 Confirm that specifications are met at each stage 2.4 Identify or report out-of-specification product or process outcomes 2.5 Maintain the work area according to workplace guidelines, work health and safety and food safety requirements 2.6 Enter information in workplace records in required format
3. Shut down the cooling and hardening process	3.1 Identify the appropriate shutdown procedure 3.2 Shut down the process safely according to workplace procedures 3.3 Identify and report maintenance requirements according to workplace 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	Interpret standard operating procedures for the cooling and hardening process
Writing	Record data and observations using digital and/or paper-based formats
Numeracy	- Read and interpret gauges and scales - Confirm process remains within specification for time, temperature (°C), flow rates and pressure

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPDPR2007 Operate a cooling and hardening process	FBPDPR2004 Operate a cooling and hardening process	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>