



Australian Government

AMPA3100 Perform manual chemical lean testing

Release: 1

AMPA3100 Perform manual chemical lean testing

Modification History

Release	TP Version	Comment
1	AMPv2.0	Initial release

Application

This unit describes the skills and knowledge required to perform chemical lean (CL) testing on carton meat.

This unit is applicable to workers in boning rooms taking samples and performing CL testing manually.

All work should be carried out to comply with workplace procedures, customer requirements and product specifications.

This unit applies to individuals who work under broad direction and take responsibility for their own work including limited responsibility for the work of others. They provide and communicate solutions to a range of predictable problems.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

This unit must be delivered and assessed in the context of Australian meat processing standards and regulations.

Pre-requisite Unit

Nil.

Unit Sector

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Take samples for testing	1.1 Select cartons for testing according to sampling plan 1.2 Handle cartons according to workplace hygiene and health and safety requirements

Element	Performance criteria
	1.3 Identify products to be sampled 1.4 Take samples according to workplace requirements
2. Test samples	2.1 Perform pre-operational checks on scales according to workplace requirements 2.2 Blend meat samples according to workplace requirements 2.3 Tare scales or weigh beaker according to work instruction 2.4 Cook and weigh samples according to workplace requirements 2.5 Dispose of samples according to workplace requirements
3. Calculate CL	3.1 Calculate CL percentage using prescribed formula 3.2 Withhold or release cartons depending on CL results and workplace requirements 3.3 Record and report CL results according to workplace requirements 3.4 Identify corrective action and retesting requirements for out-of-specification product

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to MTMP3107B Perform manual chemical lean testing.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5e2e56b7-698f-4822-84bb-25adbb8443a7>

Assessment Requirements for AMPA3100 Perform manual chemical lean testing

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Performance Evidence

The candidate must perform chemical lean (CL) testing on carton meat.

The candidate must:

- select, take, prepare and test samples according to workplace requirements
- accurately use the formula for calculating CL
- apply relevant regulatory requirements
- prepare and use testing scales and taring scales (if required) according to manufacturer's specifications and workplace requirements
- apply communication skills relevant to work instructions and Standard Operating Procedures (SOPs) and problem-solving skills

Knowledge Evidence

The candidate must demonstrate a factual, technical, procedural and theoretical knowledge of:

- concept of CL and why it is important in specifications
- corrective actions required if CL results are not within specification
- work instruction for sampling and testing
- relevant regulatory requirements

Assessment Conditions

Assessment should be performed in an operating boning room and across the full range of product specifications.

Competency must be demonstrated at the normal speed of production.

As a minimum, the following three forms of assessment must be used:

- quiz of underpinning knowledge
- workplace demonstration
- workplace referee or third-party report of performance over time

Assessors must satisfy the current standards for RTOs.

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