



Australian Government

Assessment Requirements for AMPA3118 Monitor pH and temperature decline

Release: 1

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Modification History

Release	TP Version	Comment
1	AMPv2.0	Initial release

Performance Evidence

The candidate must conduct pH and temperature declines and weekly monitoring, as well as validate results to ensure conformance to the pH and temperature window.

The candidate must:

- collect information on live animals to be used in pH and temperature monitoring
- conduct monthly and weekly monitoring of the pH and temperature window
- consistently collect valid information and readings
- observe, time and follow carcasses through the slaughter floor recording the following:
 - carcass information
 - chiller number
 - immobiliser information (if applicable)
 - rigidity probe information (if applicable)
 - stimulation information (if applicable)
 - time into the chiller
 - time stunned
- analyse results to verify conformance
- apply communication and mathematical skills relevant to work instructions and Standard Operating Procedures (SOPs)
- identify and apply relevant workplace health and safety, regulatory and workplace requirements

Knowledge Evidence

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

- the scope and nature of MSA standards
- how electrical stimulation impacts on pH decline
- impact chilling factors have on the rate of pH and temperature decline
- how the time it takes a carcass to reach the chiller can impact on the rate of pH decline
- pH and temperature window

- how cold shortening occurs and the characteristics of cold shortened product
- how heat shortening occurs and the characteristics of heat shortened product
- how other electrical inputs can impact on the rate of pH decline
- the impact the temperature of the slaughter floor can have on the rate of the pH and temperature decline
- what glycogen is and the relationship between stress and pH
- what pH is and why pH is important for eating quality

Assessment Conditions

Competency must be demonstrated over time and under typical operating and production conditions for the enterprise.

The application of competency is to be assessed in the workplace. Assessment is to occur under standard and authorised work practices, safety requirements and regulatory requirements.

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.

Links

Companion Volume implementation guides are found in VETNet -

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