



Australian Government

AHCMKH405 Performance test milking machines

Release: 1

AHCMKH405 Performance test milking machines

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to performance test milking machines.

All work must be carried out to comply with workplace procedures, work health and safety, animal welfare and biosecurity legislation and codes, and sustainability practices.

This unit may apply to partnerships between milking machine technicians, veterinarians, dairy factory field officers, herd test personnel, detergent and chemical company representatives, original equipment manufacturer representatives, regulatory authority personnel and enterprise.

This unit applies to individuals who take responsibility for their own work and provide and communicate solutions to a range of predictable and sometimes unpredictable problems.

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

Pre-requisite Unit

Nil.

Unit Sector

Milk Harvesting (MKH)

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. Wet test milking machine/equipment	1.1 Apply enterprise work health and safety policies 1.2 Collate relevant mechanical testing reports and outcomes as the basis for additional tests

Element	Performance criteria
	1.3 Establish protocols for wet testing to suit individual installation requirements 1.4 Install test equipment at specific locations to complete tests 1.5 Measure and record vacuum levels and vacuum drop and identify abnormalities
2. Carry out milking-time tests of milking machine/equipment	2.1 Establish protocols for milking-time tests based on consideration of previous dry or wet testing outcomes 2.2 Install testing equipment to complete agreed tests during milking 2.3 Complete milking-time tests and record results 2.4 Submit written assessment and recommendations to the enterprise

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 AHCMKH405A Performance test milking machines.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCMKH405 Performance test milking machines

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- wet test milking machine/equipment with live animals
- carry out milking-time tests of milking machine/equipment with live animals
- apply enterprise work health and safety policies

Knowledge Evidence

The candidate must demonstrate knowledge of:

- requirements, equipment, procedures and assessment criteria for mechanical testing, wet testing and milking time testing of milking machine/equipment
- criteria, methods and procedures for assessing performance of milking machine/equipment
- key aspects and components of collating, interpreting and reporting on test results to an enterprise
- relevant work health and safety requirements

Assessment Conditions

Competency is to be assessed in the workplace and/or simulated environment that accurately reflects performance in a real workplace setting.

Assessors must satisfy current standards for RTOs.

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