



Australian Government

AHCMKH401 Carry out cleaning-time tests of milking machines

Release: 1

AHCMKH401 Carry out cleaning-time tests of 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 carry out cleaning time tests of 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 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. Prepare for cleaning-time testing	1.1 Implement enterprise work health and safety policies 1.2 Establish protocols for the conduct of cleaning-time tests based on previous testing outcomes 1.3 Assess and record quality of water used for the cleaning process from on-site, facility or laboratory tests 1.4 Determine the suitability and recommended concentrations of cleaning chemicals in line with prevailing water quality, facility

Element	Performance criteria
	requirements and equipment manufacturer recommendations 1.5 Establish bacteriology of the specific facility from relevant records
2. Carry out cleaning-time tests of milking equipment	2.1 Identify and record details of normal cleaning routines and procedures while testing is carried out 2.2 Install testing equipment to measure water or airflow velocities 2.3 Carry out cleaning-time tests before or during the cleaning of the milking machines or bulk milk tank
3. Report on cleaning-time test result	3.1 Record and collate test results 3.2 Interpret test report results in line with industry standards and manufacturer recommendations 3.3 Report test results 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 AHCMKH401A Carry out cleaning-time tests of 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 AHCMKH401 Carry out cleaning-time tests of 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:

- make preparations for cleaning-time testing
- carry out cleaning-time tests of milking equipment
- report on cleaning-time test result
- implement enterprise work health and safety policies

Knowledge Evidence

The candidate must demonstrate knowledge of:

- types, functions, cleaning, monitoring and maintenance of milking machines and all components
- criteria and methods for assessing optimal performance of milking machines and their components
- requirements, procedures and assessment criteria for mechanical testing of milking machines and all components
- requirements, criteria and assessment methods for determining water quality and the impacts of water quality on maintenance and performance of milking machines
- requirements, criteria and assessment methods for determining bacteriology and the impacts of bacteriology on maintenance and performance of milking machines
- possible faults, problems and poor performance with milking machines and their components, impacts on milking operations and corrective actions for these faults and problems
- requirements, criteria, procedures, routines and assessment methods for optimal cleaning and hygiene of milking machines and their components
- types, handling, use and disposal of detergents and cleaning agents, work health and safety and environmental practices for these agents

- requirements, procedures and assessment criteria of cleaning-time tests and the impacts of cleaning-times on maintenance and performance of milking machines
- 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 OR workplace and simulated environment that accurately reflects performance in a real workplace setting.

Assessors must satisfy current standards for RTOs.

Links

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