



Australian Government

AHCMKH304 Monitor and establish milking machine cleaning

Release: 1

AHCMKH304 Monitor and establish milking machine cleaning

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to monitor and provide advice on cleaning 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 work under broad direction and use discretion and judgement in the selection and use of available resources.

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. Identify cleaning problems	1.1 Establish hygiene practices through interview and shed records 1.2 Establish bacterial levels for the plant from factory test results and identify potential cleaning problems 1.3 Identify residues and other evidence of poor cleaning regimes by inspecting and disassembling milking equipment 1.4 Establish cleaning and hygiene regimes and identify cleaning chemicals to be used

Element	Performance criteria
	1.5 Determine water quality and quantity for optimal cleaning outcomes 1.6 Identify work health and safety hazards, assess risks, implement control measures and keep records
2. Carry out cleaning routines	2.1 Carry out manufacturer specified machine and ancillary equipment cleaning routines 2.2 Carry out manufacturer specified vat cleaning routines 2.3 Monitor water temperature and circulating chemical concentrations throughout the cleaning cycle 2.4 Remove milk stone and other accumulated residues by manually cleaning milking facility equipment
3. Determine chemicals and cleaning routines	3.1 Determine and document suitable cleaning routines in consultation with equipment manufacturer and chemical company 3.2 Determine and record cleaning routine and hygiene regime for the milking facility and all installations 3.3 Evaluate cleaning routine and hygiene regime to ensure that equipment and cleaning performance meets established performance specifications

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 AHCMKH304A Monitor and provide advice on cleaning 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 AHCMKH304 Monitor and establish milking machine cleaning

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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:

- identify cleaning problems
- carry out cleaning routines
- determine chemicals and cleaning routines
- apply enterprise work health and safety policies

Knowledge Evidence

The candidate must demonstrate knowledge of:

- types, functions, cleaning, monitoring and maintenance of milking machines, milking machine components and milking facility equipment
- requirements, criteria and assessment methods for optimal performance of milking machines and their components
- 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
- 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.

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