



Australian Government

AHCDRY304 Carry out routine service of milking equipment

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 7.0.

Application

This unit of competency describes the skills and knowledge required to identify faults that do not require the services of qualified tradespeople and carry out routine service, adjustment and maintenance of milking equipment.

This unit applies to individuals who work as farm hands or milking machine technicians and carry out routine servicing and maintenance of milking machine components on a dairy facility.

All work is carried out to comply with workplace policies and procedures, according to state/territory work health and safety, animal welfare, environmental and biosecurity legislation, regulations and standards that apply to the workplace.

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

Pre-requisite Unit

Nil

Unit Sector

Dairy Production (DRY)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for servicing and maintenance of milking machines	1.1 Identify service and maintenance requirements 1.2 Communicate and coordinate activities with other workers who may be affected by maintenance activities 1.3 Identify work health and safety hazards, assess risks and determine

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	control measures 1.4 Select tools and equipment for tasks and check for serviceability 1.5 Prepare and fit required personal protective equipment (PPE)
2. Identify faults in milking machines	2.1 Identify sub-optimal performance of milking equipment from observations during milking routines 2.2 Observe animal behaviour during milking and record abnormalities 2.3 Conduct fault finding and fault diagnosis according to manufacturer specifications with minimum disruption to milking routines 2.4 Identify and isolate faulty components and refer to qualified tradesperson
3. Carry out operational service and maintenance of milking machines	3.1 Carry out minor machine adjustments to rectify sub-optimal performance characteristics 3.2 Repair or replace defective parts or components according to manufacturer specifications 3.3 Complete programmed maintenance routines to replace consumables and maintain lubrication
4. Complete post servicing and maintenance activities	4.1 Clear and clean work area and tools and equipment 4.2 Dispose of waste according to workplace and environmental requirements 4.3 Report spare parts to be replaced and faults to be repaired by technician or specialist 4.4 Record servicing and maintenance activities according to workplace requirements

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
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Skill	Description
Reading	Interpret key information from a range of documentation
Writing	Complete records using clear language and industry terminology
Oral communication	Use clear language and industry terminology when describing faults and service requirements
Numeracy	- Count and categorise consumable equipment - Interpret numerical information in manufacturer specifications

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCDRY304 Carry out routine service of milking equipment	AHCMKH301 Carry out minor service of milking equipment	Change to unit title and sector Elements added Changes to elements, performance criteria, performance and knowledge evidence Foundation skills added Assessment conditions expanded	Not equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCDRY304 Carry out routine service of milking equipment

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has carried out the following routine servicing and maintenance of milking equipment, on at least two occasions:

- identified faults in milking equipment and those that need to be referred to qualified tradesperson through observations during milking operations and further fault diagnosis and made minor adjustments
- completed a routine service and maintenance of equipment

In completing the above, there must also be evidence that individual has for each occasion:

- applied work health and safety requirements and risk control
- applied manufacturer specifications
- observed animal behaviour during milking and recorded abnormalities
- fitted and used personal protective equipment (PPE)
- communicated activities related to maintenance coordination with other workers
- recorded servicing and maintenance activities.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- work health and safety and risk assessment requirements and practices used for servicing milking equipment
- types, functions and manufacturers specifications for cleaning, monitoring and maintenance of milking machines and components
- criteria and methods for assessing optimal performance of milking machines and their components
- signs and methods for assessing livestock health and welfare relevant to milking operations

- possible faults, problems and sub-optimal performance with milking machines and their components, impact on milking operations and manufacturer specifications and corrective actions for these faults and problems
- possible electrical faults of milking machines and requirement to refer these to qualified electricians.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a dairy milking facility or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - milking equipment and components
 - tools and equipment used to service and maintain equipment
 - personal protective equipment (PPE)
- specifications:
 - workplace procedures for servicing and maintaining milking equipment, including advice on health and safety requirements
 - manufacturer specifications.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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