

## Modification history

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0

AHCDRY3XX	Carry out minor service of milking equipment
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to identify faults and carry out minor service and maintenance of milking equipment used on dairy farms.</p> <p>This unit applies to individuals who work as farm hands or milking machine technicians and carry out minor serving and maintenance of milking machine components on a dairy facility.</p> <p>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.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Dairy Production (DRY)

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 Identify work health and safety hazards, assess risks and determine control measures 1.3 Select tools and equipment for tasks and check for serviceability 1.4 Prepare and fit required personal protective equipment
2. Identify faults and make minor adjustments to milking machines	2.1 Identify poor performance of milking equipment from observations during milking routines 2.2 Observe animal behaviour during milking and record abnormalities 2.3 Identify and isolate electrical appliances that impact on the dairy operation 2.4 Conduct fault finding and fault diagnosis according to manufacturer specifications with minimum disruption to milking routines 2.5 Carry out minor machine adjustments to rectify poor performance characteristics 2.6 Identify electrical faults to be referred to qualified electrician as required
3. Carry out operational service and maintenance of milking machines	3.1. Clean and adjust machine components and repair or replace defective parts or components 3.2 Complete programmed maintenance routines to replace consumables and maintain lubrication 3.3 Eliminate or risk control work health and safety hazards associated with milking machine
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

<b>Foundation Skills</b>	
<i>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.</i>	
<b>Skill</b>	<b>Description</b>
Reading	<ul style="list-style-type: none"> <li>Interpret key information from a range of documentation</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>Use clear language and industry terminology when describing faults and service requirements</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Complete records using clear language and industry terminology</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Count and categorise consumable equipment</li> <li>Interpret numerical information in manufacturer specifications</li> </ul>

<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
AHCDRY3XX Carry out minor service of milking equipment	AHCMK301 Carry out minor service of milking equipment	Change to unit sector. Elements added. Changes to elements, performance criteria performance and knowledge evidence. Foundation skills added. Assessment conditions expanded	Not equivalent

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a>
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<b>TITLE</b>	<b>Assessment requirements for AHCDRY3XX Carry out minor service of milking equipment</b>
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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 minor servicing and maintenance of milking equipment, on one occasion including:

- identified faults in milking equipment and those that need to be referred to an electrician 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, the individual must also have evidence of having:

- applied work health and safety requirements and risk controls
- applied manufacturer specifications.

**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:

- 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 poor performance with milking machines and their components, impacts on milking operations and manufacturers specifications and corrective actions for these faults and problems
- possible electrical faults of milking machines and requirement to refer these to qualified electricians
- work health and safety requirements and practices used for servicing milking equipment.

**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
- 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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