

Modification history

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

AHCDRY3XX	Monitor milking machine cleaning
Application	<p>This unit of competency describes the skills and knowledge required to identify cleaning problems and monitor cleaning routines of milking machines used on dairy farms.</p> <p>This unit applies to individuals who work as farm hands and are responsible for the cleaning and hygiene routines of milking machines 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>
Prerequisite Unit	Nil
Unit Sector	Milk Harvesting (MKH)

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 cleaning monitoring	1.1 Identify and confirm milking machine cleaning requirements with supervisor 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 cleaning problems	2.1 Determine bacterial levels of plant from factory test results and identify potential cleaning problems 2.1 Identify residues and other evidence of poor cleaning regimes by inspecting and disassembling milking equipment 2.3 Identify cleaning and hygiene regimes and cleaning chemicals to be used 2.4 Determine water quality and quantity for optimal cleaning outcomes
3. Carry out cleaning routines	3.1 Carry out manufacturer specified machine and ancillary equipment cleaning routines 3.2 Carry out manufacturer specified vat cleaning routines 3.3 Monitor water temperature and circulating chemical concentrations throughout cleaning cycle 3.4 Remove milk stone and other accumulated residues by manually cleaning milking facility equipment
4. Monitor chemicals and cleaning routines	4.1 Monitor cleaning routines according to workplace requirements and equipment and chemical manufacturer specifications 4.2 Record cleaning routine and hygiene regimes according to workplace requirements, reporting complex issues and non-performance to supervisor 4.3 Evaluate cleaning routine and hygiene regime to ensure that equipment and cleaning performance meets established performance specifications

Foundation Skills	
<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>	
Skill	Description
Reading	<ul style="list-style-type: none"> Interpret key information from a range of documentation
Oral communication	<ul style="list-style-type: none"> Use open-ended questioning and active listening to gather information and confirm work requirements
Writing	<ul style="list-style-type: none"> Maintain accurate documentation and records using clear language and industry terminology
Numeracy	<ul style="list-style-type: none"> Calculate volume, weight, area, percentage, ratio, time and application rates

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
AHCDRY3XX Monitor milking machine cleaning	AHCMKH304 Monitor and establish milking machine cleaning	Changes to unit sector. Element added. Changes to elements and performance criteria performance and knowledge evidence. Foundation skill 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

TITLE	Assessment requirements for AHCDRY3XX Monitor milking machine cleaning
Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has monitored the cleaning requirements of a milking machine on at least one occasion, including:</p> <ul style="list-style-type: none"> identified the cleaning problem carried out cleaning routines monitored chemicals and cleaning routines applied work health and safety requirements during the process. 	
Knowledge Evidence	
<p>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:</p> <ul style="list-style-type: none"> types, functions, cleaning, monitoring and maintenance of milking machines and their 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 work health and safety requirements for servicing milking machines. 	
Assessment Conditions	
<p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> physical conditions: <ul style="list-style-type: none"> skills must be demonstrated in a dairy milking facility or an environment that accurately represents workplace conditions resources, equipment and materials: <ul style="list-style-type: none"> milking machine and their components and associated equipment tools, equipment and materials used to test and monitor cleaning routines of milking machines personal protective equipment specifications: <ul style="list-style-type: none"> workplace policies and procedures for servicing milking machines, including advice on health and safety and hygiene requirements manufacturer specifications. <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72