



Australian Government

Assessment Requirements for AHCDRY305 Conduct mechanical tests on milking machines

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.

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 conducted mechanical testing of milking machines on at least five occasions, including for each:

- identified and recorded milking machine specifications
- calculated and measured milking machine performance
- developed a report describing machine conditions and made recommendations to optimise machine performance
- applied work health and safety requirements, including using personal protective equipment (PPE).

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, cleaning, monitoring and maintenance of milking machines and their components and milking facility equipment
- relevant work health and safety requirements related to testing milking machines and their components
- requirements, criteria and assessment methods for optimal performance of milking machines and their components
- udder physiology, invasive pathogens and the interaction between the milking machine and the lactating animal
- information required, criteria and methods for assessing herd health status
- requirements and methods for determining the performance targets of a milking facility from the herd status and milking installations
- possible faults, problems and poor performance with milking machines and their components, impacts on milking operations and corrective actions for these faults and problems

- key aspects and components of reports and recommendations to a milking facility.

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 machines, their components and associated equipment as specified in performance evidence
 - tools, equipment and materials used to test milking machines
 - personal protective equipment
- specifications:
 - workplace policies and procedures for testing milking machines, including advice on health and safety, hygiene, and animal welfare requirements
 - manufacturer specifications.

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

Links

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