



**Australian Government**

# **AHCMKH402 Design and fabricate milking equipment installations**

**Release: 1**

# AHCMKH402 Design and fabricate milking equipment installations

## Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

## Application

This unit of competency describes the skills and knowledge required to design and fabricate milking equipment installations.

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 take responsibility for their own work and provide and communicate solutions to a range of predictable and sometimes unpredictable problems.

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. Prepare design and installation estimates	1.1 Determine facility design and installation estimates to suit the application 1.2 Document financial and physical resources that impact on the proposed works 1.3 Identify work health and safety issues that impact on the design and construction of the facility and installation, and incorporate

Element	Performance criteria
	risk controls in the design and construction planning 1.4 Determine manpower and other resources required and submit the tender
2. Plan installation	2.1 Complete contract for work including verification of material estimates and costings 2.2 Obtain relevant building and planning permits 2.3 Ensure site planning includes consideration of environmental issues, service connections and alternative power supplies 2.4 Plan required components to match the proposed installation and source from the original equipment manufacturer 2.5 Plan the installation to eliminate hazards to people and animals during milking, cleaning or service operations
3. Facilitate the completion of the installation	3.1 Carry out job scheduling with all relevant parties 3.2 Order and take delivery of physical and material resources 3.3 Coordinate the implementation of the milking machine installation 3.4 Establish areas of responsibility for all the project participants and provide full notification

## 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 AHCMKH402A Design and fabricate milking equipment installations.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>