



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>

Assessment Requirements for AHCMKH402 Design and fabricate milking equipment installations

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- prepare design and installation estimates
- plan installation
- facilitate the completion of the installation
- implement work health and safety policies

Knowledge Evidence

The candidate must demonstrate knowledge of:

- types, functions, cleaning, monitoring and maintenance of milking facilities and milking machine/equipment installations
- requirements, resources, components and financial aspects of planning milking equipment installations for milking facilities and enterprises
- requirements, resources, components and manpower for implementing installation of milking machine/equipment
- relevant enterprise considerations for milking facilities and milking equipment installations
- key aspects and components of tender submissions and contracts for work
- types of relevant approvals, authorities and permits required, and procedures to obtain these approvals, authorities and permits
- relevant work health and safety requirements

Assessment Conditions

Competency is to be assessed in the workplace and/or simulated environment that accurately reflects performance in a real workplace setting.

Assessors must satisfy current standards for RTOs.

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