



Australian Government

AHCLSK431 Design livestock handling facilities

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 Release 11.0.

Application

This unit of competency describes the skills and knowledge required to design livestock handling facilities.

The unit applies to individuals who apply specialist skills and knowledge to design livestock handling facilities. This includes applying and communicating non-routine technical solutions to predictable and unpredictable problems.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace, and animal welfare legislation, regulations, standards and guidelines, and sustainability and biosecurity practices.

In addition to legal responsibilities, all units of competency dealing with animals in the AHC Agriculture, Horticulture and Conservation and Land Management Training Package have the requirements for animals to be handled humanely to minimise stress and discomfort.

This unit applies to those whose job role includes planning and designing handling and/or accommodation facilities for livestock.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Livestock (LSK)

Elements and Performance Criteria

Elements	Performance Criteria
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Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Determine requirements	1.1 Assess and clarify requirements for livestock handling facilities 1.2 Negotiate and confirm cost structures and timelines according to workplace budgetary constraints 1.3 Obtain and assess plans for livestock handling facilities from a variety of sources
2. Undertake a site analysis	2.1 Inspect location of new or existing site and record physical elements and features of the site for assessment of suitability 2.2 Specify surveys to be undertaken and determine tolerances according to workplace requirements 2.3 Assess and determine site preparation requirements according to workplace policies and site parameters
3. Prepare a design brief	3.1 Modify plans according to the individual site and workplace objectives 3.2 Assess options to modify existing facilities or establish alternative handling operations, and obtain quotes 3.3 Identify and incorporate relevant workplace health and safety, animal welfare, biosecurity and environment and sustainability requirements, and workplace quality assurance requirements into the design plan 3.4 Identify legal requirements and constraints on development processes 3.5 Prepare design brief and undertake consultation to establish agreement on options and approaches for development
4. Develop a final plan	4.1 Prepare recommendations based on the analysis of data and workplace requirements 4.2 Obtain authorisations and approvals required for implementation of the plan 4.3 Produce detailed plan according to workplace health and safety, animal welfare, biosecurity and environment requirements and workplace objectives

Foundation Skills

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.

Skill	Description
Reading	Identify and interpret textual and numerical information from a range of sources to identify relevant and key information about livestock handling facility design requirements
Writing	Use clear language, accurate industry terminology and logical structure to prepare and document a design brief and plan
Oral communication	Respond to questions, clarify information, negotiate and seek advice
Numeracy	- Calculate personnel, equipment, material and resource costs associated with preparing and implementing a livestock handling facility design - Monitor a workplace budget

Unit Mapping Information

Code and title current release	Code and title previous release	Comments	Equivalence status
AHCLSK431 Design livestock handling facilities	AHCLSK413 Design livestock handling facilities	Minor changes to application Minor changes to elements and performance criteria Foundation skills added Assessment requirements updated	Equivalent

Links

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