



Australian Government

AHCLSK425 Implement intensive production systems

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 implement intensive production systems.

The unit applies to individuals who apply specialist skills and knowledge to implement intensive production systems. 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.

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
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare for production	1.1 Identify and obtain documents within the workplace that detail the

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operations	requirements of the production program 1.2 Assess and calculate the resources required for the production operations from the product to be produced, the available timelines, the available resources, and the types of housing and feeding infrastructure 1.3 Determine measurable indicators, specifications and targets based on the production program and type of housing and feeding infrastructure 1.4 Hold discussions with operational personnel and management to discuss the production program 1.5 Identify, seek and obtain approvals required for the production operations
2. Communicate production program and complete administration activities	2.1 Coordinate, schedule and communicate materials and equipment requirements according to the prepared plan 2.2 Identify hazards and assess risks in the workplace, and implement control measures to manage risks according to workplace health and safety procedures 2.3 Communicate details of the procedures, tools and personal protective equipment to be used, and records to be kept with operational personnel and seek confirmation 2.4 Complete documentation and records according to workplace requirements 2.5 Provide advice to operational personnel and contractors during production operations
3. Manage livestock and production environment	3.1 Monitor livestock for signs of ill health or injuries, and record and report observations 3.2 Monitor housing and feeding infrastructure for signs of damage, wear and tear, and record and report observations 3.3 Supervise examination of dead livestock for evidence of disease through correct post-mortem techniques and seek veterinary advice if required 3.4 Assess and evaluate disease status of livestock, notify or report to appropriate personnel and seek veterinary assistance if required 3.5 Monitor components of biosecurity procedures according to regulatory and industry standards and requirements 3.6 Monitor and adjust aspects of the production system environment

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	according to the production program
4. Manage effluent and waste	4.1 Monitor effluent storage and disposal systems according to production program and manufacturer instructions 4.2 Calculate, monitor and document volume and type of effluent 4.3 Monitor the removal of waste and debris from the production environment 4.4 Provide ongoing production environment maintenance program throughout all seasons 4.5 Monitor and report on the regulatory and legislative requirements associated with the production program
5. Monitor and adjust production operations	5.1 Monitor operational tasks to ensure compliance with production plan and safe work practices 5.2 Monitor production operations to ensure that environment regulatory requirements are being observed and followed 5.3 Communicate with operational personnel and contractors to ensure smooth operation and progress 5.4 Check that all workplace documentation and records are completed according to workplace, regulatory and industry requirements 5.5 Take corrective action where required 5.6 Collate and store documentation and records according to workplace procedures 5.7 Review and document recommended changes to production program for future implementation

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

	production program activities and requirements
Writing	Use clear language, accurate industry terminology and logical structure to prepare, record and report production program outcomes and corrective actions taken, and recommend changes for future implementation
Oral communication	- Use collaborative and inclusive language and techniques including active listening, questioning and reading of verbal or non-verbal signals to convey and clarify procedural information, confirm work team understanding and compliance with specified procedures and eliciting information from operational personnel and contractors - Respond to questions, clarify information and seek advice
Numeracy	Calculate quantities of resources and effluent, and costs associated with production program

Unit Mapping Information

Code and title current release	Code and title previous release	Comments	Equivalence status
AHCLSK425 Implement intensive production systems	AHCLSK405 Implement intensive production systems	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>

Assessment Requirements for AHCLSK425 Implement intensive production systems

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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 implemented intensive production systems on at least one occasion, and has:

- determined measurable indicators, specifications and targets for the intensive production program
- assessed the resources required for workplace operations
- established processes, strategies, procedure and controls to meet quality assurance requirements and production targets
- communicated production program requirements to relevant personnel and completed administration activities
- managed livestock and the production environment
- monitored disease status of stock
- managed effluent and waste generated by production operations
- monitored and adjusted production system for output, QA compliance, costs and profitability
- prepared recommendations for future production programs
- implemented relevant workplace health and safety and environment and biosecurity legislation, regulations and workplace procedures
- implemented relevant animal welfare policies and practices for implementing intensive production systems.

Knowledge Evidence

An individual must be able to demonstrate knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- workplace requirements applicable to health and safety in the workplace for implementing intensive production systems, including appropriate use of personal protective equipment (PPE)

- environment and biosecurity legislation and regulations and workplace practices relevant to implementing intensive production systems
- principles and practices for implementing intensive production systems, including:
 - type and use of information that can be gathered from workplace programs, documents and records
 - types of resources required, types of products, and methods for assessing and calculating resources and products by using information from workplace programs, documents and records
 - types of measurable indicators, specifications and targets for the production system using information from workplace programs, documents and records
 - functions, parameters and scope of workplace production programs and production plans
 - relevant regulatory, industry and workplace approvals, licences, authorities, documentation, records and reporting requirements for workplace production operations
 - operational personnel, materials and equipment requirements for carrying out effective and efficient workplace production operations
 - signs of health, signs of ill health and methods of assessing livestock health
 - types and functions of housing and feeding infrastructure relevant to the workplace production operations, and methods for assessing damage, wear and tear to infrastructure
 - techniques, procedures and requirements for post-mortem examination of livestock carcasses
 - common diseases of livestock, and methods for assessing and evaluating disease status
 - regulatory and industry requirements for effluent storage and disposal, types and functions of effluent storage and disposal systems, and methods for assessing and calculating effluent production
 - regulatory and industry requirements, methods and systems for waste and debris storage and disposal
 - functions and aspects of production environment maintenance programs
 - animal welfare practices relevant to implementing intensive production systems.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - work instructions and workplace procedures applicable to implementing intensive production systems
 - material, tools and equipment applicable to implementing intensive production systems

- PPE applicable to implementing intensive production systems
- specifications:
 - workplace requirements applicable to health and safety in the workplace for implementing intensive production systems
 - environment and biosecurity legislation and regulations and workplace practices applicable to implementing intensive production systems
 - legislation, regulations, standards, guidelines and procedures for animal welfare applicable to implementing intensive production systems
- relationships:
 - operational personnel, contractors and veterinarian
- time frames:
 - according to job requirements.

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

Links

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