



Australian Government

AHCLSK405 Implement intensive production systems

Release: 1

AHCLSK405 Implement intensive production systems

Modification History

Release Number	TP Version	Comments
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to implement intensive production systems.

All work must be carried out to comply with workplace procedures, work health and safety, animal welfare and biosecurity legislation and codes of practice and sustainability practices.

This unit applies to individuals who take responsibility for their own work and for the quality of the work of others within known parameters. They use discretion and judgement in the selection, allocation and use of available resources 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

Livestock (LSK)

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 for production operations	1.1 Identify and obtain documents within the enterprise that detail the 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

Element	Performance criteria
	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 immediate management to discuss the production program 1.5 Identify, seek and obtain approvals that are required for the production operations
2. Communicate production program and complete administration activities	2.1 Co-ordinate, schedule and communicate regularly with people, materials and equipment required for the operations according to the prepared plan to ensure smooth operation and progress 2.2 Identify work health and safety hazards, assess risks and take responsive action throughout the production operations 2.3 Communicate clearly to operational personnel the procedures and tools to be used, personal protective equipment to be used/worn, types of records to be kept, work health and safety hazards that have been identified, and actions to be taken to mitigate the work health and safety risks, and seek confirmation of the communication from the operational personnel 2.4 Promptly and accurately complete documentation and records 2.5 Provide advice to operational staff and contractors during the production operations when requested, or when the need arises
3. Manage livestock and production environment	3.1 Monitor herd/flock regularly for signs of ill health or injuries and record and report observations 3.2 Monitor housing and feeding infrastructure regularly 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 quarantine procedures regularly to ensure compliance with regulatory and industry standards 3.6 Monitor and adjust aspects of the production system environment in line with 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 all waste and debris from the production environment 4.4 Carry out ongoing production environment maintenance program throughout all seasons

Element	Performance criteria
	4.5 Monitor and report on the regulatory and legislative requirements associated with the production program
5. Monitor and adjust production operations	5.1 Ensure monitoring of components specified in the production plan is adhered to 5.2 Make checks to ensure that work health and safety requirements are being observed and followed 5.3 Make checks to ensure that environment regulatory requirements are being observed and followed 5.4 Communicate with operational staff and contractors regularly to ensure smooth operation and progress 5.5 Make checks to ensure that all documentation and records required by regulatory agencies, industry and enterprise are completed clearly, promptly and accurately 5.6 Take corrective action promptly when required 5.7 Collate and store documentation and records appropriately 5.8 Prepare recommendations for future production programs based on the conduct of the operations, the data collected and the discussions with enterprise staff and contractors 5.9 Report on the progress and key aspects of the production operations and throughput to enterprise

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 AHCLSK405A Implement intensive production systems

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 AHCLSK405 Implement intensive production systems

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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:

- determine measurable indicators, specifications and targets for the intensive enterprise assess the resources required for unit operations
- establish processes/strategies, procedure and controls to meet quality assurance requirements and production targets
- communicate production program to relevant personnel and complete administration activities
- manage livestock and the production environment
- implement quarantine procedures and monitor disease status of stock
- manage effluent and waste generated by production operations
- monitor and adjust production system for output, QA compliance, costs and profitability.
- prepare recommendations for future production programs based on the conduct of the operations, the data collected and the discussions with enterprise staff and contractors
- implement relevant work health and safety, biosecurity, animal welfare and environmental requirements and practices

Knowledge Evidence

The candidate must demonstrate knowledge of:

- type and use of information that can be gathered from enterprise programs, documents and records
- types of resources required, types of products, methods for assessing and calculating resources and products by using information from enterprise programs, documents and records
- type of measurable indicators, specifications and targets for the production system using information from enterprise programs, documents and records
- functions, parameters and scope of enterprise production programs and production plans

- relevant regulatory, industry and enterprise approvals, licences, authorities, documentation, records and reporting requirements for enterprise production operations
- manpower, materials and equipment requirements for carrying out effective and efficient enterprise production operations
- relevant work health and safety requirements
- signs of health, signs of ill health and methods of assessing livestock health
- types and functions of housing and feeding infrastructure relevant to the enterprise 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
- relevant biosecurity requirements, quarantine requirements, functions, components and facilities required of an enterprise quarantine system
- 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
- relevant environment requirements and sustainability practices
- functions and aspects of production environment maintenance programs
- relevant animal welfare 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 conditions for RTOs.

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