



Australian Government

Assessment Requirements for AHCLSK427 Plan and monitor 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.

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

- analysed key production data, herd or flock information and market requirements
- set production targets and identified resources needed to achieve them
- planned accommodation that meets animal welfare and production requirements
- developed feeding plans and evaluated alternatives for feed purchasing, milling and distribution
- determined work responsibilities and staffing requirements
- handled waste and effluent according to environment requirements and legislation
- monitored, reviewed and adjusted intensive production plans
- implemented relevant workplace health and safety and environment and biosecurity legislation, regulations and workplace procedures
- implemented relevant animal welfare policies and practices for planning and monitoring 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 planning and monitoring intensive production systems
- environment and biosecurity legislation and regulations and workplace practices relevant to planning and monitoring intensive production systems
- principles and practices for planning and monitoring intensive production systems, including:
 - functions, parameters and scope of production plans

- type and use of information from workplace production plans and workplace production data that can be used to formulate production system planning and production unit performance targets
- type and use of information on herd/flock characteristics; regulatory, industry and workplace requirements; industry and workplace standards and benchmarks; market specifications for product qualities, product standards and market trends; production unit's history and data, for the formulation of the production system plan and performance targets
- types, quantities, assessment and calculation, procurement and selection of manpower, material, equipment and other resources required for the production plan
- types and functions of, and methods for assessing and calculating requirements of, housing, effluent management and environmental management infrastructure
- efficiency and cost-benefit ratios of different types of housing, effluent management and environmental effluent infrastructure and systems, taking into account animal welfare requirements and workplace production targets
- types, functions and cost-benefit ratios of livestock feeds
- relevant aspects and impacts of production cycles and staff job roles on production planning
- relevant regulatory, industry and workplace documentation, records and reporting requirements for implementation of production plans
- methods for assessing and evaluating production plans
- animal welfare practices relevant to planning and monitoring 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 planning and monitoring intensive production systems
 - materials, tools and equipment applicable to planning and monitoring intensive production systems
- specifications:
 - workplace requirements applicable to health and safety in the workplace for planning and monitoring intensive production systems
 - environment and biosecurity legislation and regulations and workplace practices applicable to planning and monitoring intensive production systems
 - legislation, regulations, standards, guidelines and procedures for animal welfare applicable to planning and monitoring intensive production systems
- 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

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