



Australian Government

AHCLSK367 Remove and facilitate reuse of effluent and manure from an intensive production system

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 remove and facilitate reuse of effluent and manure from an intensive livestock production system.

The unit applies to individuals who remove and facilitate reuse of effluent and manure from an intensive livestock production system under broad direction and take responsibility for their own work.

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 sustainability and biosecurity practices.

The production workplace may be required to comply with local council, state or Commonwealth licensing requirements for operations involving effluent and manure.

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 to work with	1.1 Identify work requirements according to work program and

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
effluent disposal equipment	confirm with supervisor if required 1.2 Hold discussions with other workers who may be affected by the maintenance activities to ensure continued smooth operation of the production process 1.3 Identify hazards and risks and implement safe work practices to manage risks 1.4 Select, fit, use and maintain personal protective equipment (PPE) applicable to the task 1.5 Select, check and maintain tools and equipment required for the task
2. Maintain and operate effluent storage and disposal system	2.1 Observe and follow regulatory, industry and workplace requirements and standards for effluent operations 2.2 Service and maintain effluent removal and disposal equipment 2.3 Use effluent disposal systems according to manufacturer specifications and local government and state environment protection authority approval requirements 2.4 Carry out techniques for irrigation according to relevant regulatory requirements and industry standards when using liquid effluent storages 2.5 Flush and drain in-shed effluent pits as required 2.6 Turn composted effluent according to relevant regulatory requirements and industry standards
3. Monitor effluent disposal system	3.1 Check flow rates, pit levels, compost temperatures and equipment regularly to maintain effective operation of the system 3.2 Carry out cleaning procedures using appropriate cleaning and hygiene procedures and practices 3.3 Identify environmental impacts of effluent disposal and reuse, assess likely outcomes and, if necessary, take responsive action
4. Conduct hygiene and administration activities	4.1 Clean and maintain equipment according to manufacturer specifications 4.2 Clean, maintain and store attachments and other ancillary equipment according to manufacturer specifications 4.3 Dispose of all containers, leftover fluids, waste and debris from the operations according to environment and biosecurity regulations,

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Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	legislation and practices 4.4 Complete records and documentation 4.5 Report work activities, and faulty and unserviceable tools, equipment and PPE to supervisor

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 workplace documentation to identify relevant and key information about work program requirements
Writing	Use clear language, accurate industry terminology and logical structure to complete records and documentation
Oral communication	- Use clear language to report work activities, and malfunctions, faults wear or damage to tools and equipment - Respond to questions and clarify information
Numeracy	- Calculate and record routine workplace data - Use basic mathematical processes of addition, subtraction, division, multiplication, percentages, decimal points and ratios

Unit Mapping Information

Code and title current release	Code and title previous release	Comments	Equivalence status
AHCLSK367 Remove and facilitate reuse of effluent and manure from an intensive production system	AHCLSK328 Remove and facilitate reuse of effluent and manure from an intensive production system	Minor changes to application Minor changes to elements and performance criteria Foundation skills added	Equivalent

		Assessment requirements updated	
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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 AHCLSK367 Remove and facilitate reuse of effluent and manure from an intensive production system

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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 removed and facilitated reuse of effluent and manure from an intensive production system on at least one two occasions, and has:

- applied relevant workplace health and safety and environment and biosecurity legislation, regulations and workplace procedures
- recognised and reported workplace health and safety hazards and used safe working practices
- made preparations to work with effluent disposal equipment
- maintained and operated effluent storage and disposal system according to approval granted by local government and state environment protection authority
- monitored effluent disposal system
- conducted cleaning and hygiene practices associated with effluent operations
- completed workplace records and documentation.

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 removing and facilitating the reuse of effluent and manure from an intensive production system, including appropriate use of personal protective equipment (PPE)
- environment and biosecurity legislation and regulations and workplace practices relevant to removing and facilitating the reuse of effluent and manure from an intensive production system
- principles and practices for removing and facilitating the reuse of effluent and manure from an intensive production system, including:
 - a workplace work program and program requirements for effluent operations

- effluent handling, removal and disposal tools, equipment and systems used for effluent operations, and the functions, cleaning, maintenance, servicing and storage of such tools, equipment and systems
- local government, state and Commonwealth regulations and industry standards and requirements for effluent operations
- environmental impacts of effluent operations and liquid effluent irrigation, and strategies to mitigate such impacts
- irrigation techniques for liquid effluent
- functions, maintenance and service of effluent pits
- methods and maintenance of effluent composting
- methods for safe and appropriate disposal of containers, leftover fluids, waste and debris from effluent operations
- documentation and type of records that need to be completed for effluent operations.

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 removing and facilitating the reuse of effluent and manure from an intensive production system
 - tools, equipment and materials applicable to removing and facilitating the reuse of effluent and manure from an intensive production system
 - PPE applicable to removing and facilitating the reuse of effluent and manure from an intensive production system
- specifications:
 - workplace requirements applicable to health and safety in the workplace for removing and facilitating the reuse of effluent and manure from an intensive production system
 - environment and biosecurity legislation and regulations and workplace practices applicable to removing and facilitating the reuse of effluent and manure from an intensive production system
 - local government, state and Commonwealth regulations and industry standards and requirements applicable to removing and facilitating the reuse of effluent and manure from an intensive production system
- relationships:
 - supervisor and workers
- 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.

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