



Australian Government

AHCINF201 Carry out basic electric fencing operations

Release: 2

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Modification History

Release	Comments
Release 3	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0.
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.1.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to install and maintain basic electric fences.

The unit applies to individuals working in a broad range of job contexts who undertake defined routine activities under supervision. They exercise limited autonomy within established and well-known parameters, providing solutions to a limited range of predictable 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

Infrastructure (INF)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for basic electric fencing	1.1 Confirm work instructions with supervisor 1.2 Identify health and safety hazards and risks in the workplace and

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
operations	report to supervisor 1.3 Select tools and equipment appropriate to meet job requirements 1.4 Carry out routine pre-operational checks of tools 1.5 Identify faulty or unsafe tools and segregate for repair or replacement 1.6 Select, check and fit appropriate personal protective equipment
2. Perform basic electric fencing operations	2.1 Identify and recover re-useable electric fencing materials 2.2 Identify and carry out repair requirements according to instructions 2.3 Calculate electric fencing wire requirements 2.4 Erect electric fences to contour 2.5 Install electric fence components according to manufacturer instructions
3. Complete basic electric fencing operations	3.1 Fill post holes to remove potential hazards and minimise environmental impact according to workplace procedures 3.2 Clear and tidy work site and dispose of all non-reusable materials according to environmental procedures 3.3 Transport and store tools and re-usable materials 3.4 Report on further work or repair requirements according to workplace procedures

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	Reads and interprets workplace instructions to formulate an understanding of expected requirements and activity
Numeracy	Determine fencing resources and measurements to construct fencing
Oral Communication	Uses concepts and terminology appropriate for clarifying instructions and communicating with supervisor

Skill	Description
Navigate the world of work	• Complies with explicit policies and procedures. • Seeks clarification or assistance when required
Get the work done	• Plans and implements routine tasks and workload making limited decisions on sequencing and timing • Responds to predictable routine problems and implements standard or logical solutions

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCINF201 Carry out basic electric fencing operations Release 3	AHCINF201 Carry out basic electric fencing operations Release 2	Minor changes to Performance Criteria for clarity Updated Performance Evidence and Knowledge Evidence	Equivalent unit

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 AHCINF201 Carry out basic electric fencing operations

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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 on at least one occasion the individual has demonstrated that they have carried out basic electric fencing operations, including:

- identified health and safety hazards and risks and reported to supervisor
- interpreted work plans and confirmed with supervisor
- selected electric fencing tools and equipment and carried out pre-operational checks and replaced or repaired identified faulty equipment
- selected, checked and correctly fitted personal protection equipment (PPE)
- calculated and measured electric fencing wire requirements
- identified and recovered useful electric fencing materials
- erected and repaired electric fencing according to instructions
- minimised environmental impact
- cleaned and tidied up work area, stored tools and equipment and disposed of waste according to environmental procedures.

Knowledge Evidence

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

- uses and structures of electric fence types
- uses and types of standard fencing tools, materials and their maintenance and storage
- common electric fencing hazards and safety
- portable and mains power electric fences
- installation, construction and repair techniques for electric fences

- estimating and calculating electric fencing requirements
- relevant work health and safety and environmental code of practice for electric fencing
- health and safety in the workplace, including:
 - PPE required for working on electric fences
- environmental considerations when disposing of waste materials.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in an outdoor environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - electric fencing materials, tools and equipment
 - PPE
- specifications:
 - workplace documents, including procedures, processes, instructions and job specifications
 - manufacturers' operating instructions for fencing equipment
 - legislation/codes of practice for fencing
- relationships:
 - supervisor.

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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