



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **AHCINF201A Carry out basic electric fencing operations**

**Release: 1**

## AHCINF201A Carry out basic electric fencing operations

### Modification History

Not Applicable

### Unit Descriptor

<b>Unit descriptor</b>	This unit covers the process of installing and maintaining electric fences in a rural enterprise and defines the standard required to: select the correct tools and equipment; apply appropriate methods to install and maintain electric fences; erect fences to contour; safely install components without damage; dismantle and transport fences.
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### Application of the Unit

<b>Application of the unit</b>	This unit applies to working under routine supervision within established routines, methods and farm procedures.
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### Licensing/Regulatory Information

Not Applicable

### Pre-Requisites

<b>Prerequisite units</b>		

## Employability Skills Information

<b>Employability skills</b>	This unit contains employability skills.
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## Elements and Performance Criteria Pre-Content

Not Applicable

## Elements and Performance Criteria

<b>ELEMENT</b>	<b>PERFORMANCE CRITERIA</b>

<b>ELEMENT</b>	<b>PERFORMANCE CRITERIA</b>
1. Prepare for fencing operations	<p>1.1. Tools and materials appropriate to meet job requirements are selected and checked against the work plan.</p> <p>1.2. Routine pre-operational checks of tools are carried out and adjustments made according to manufacturers specifications.</p> <p>1.3. Faulty or unsafe tools are identified and segregated for repair or replacement according to enterprise requirements.</p> <p>1.4. Potential and existing hazards in the workplace are risk assessed and minimised according to Occupational Health and Safety (OHS) and enterprise requirements.</p>
2. Carry out fencing operations	<p>2.1. Suitable personal protective equipment is selected, used and maintained according to OHS and workplace procedures.</p> <p>2.2. Dismantling operations are carried out, as required, with a focus on minimising unnecessary damage and recovering all re-useable materials.</p> <p>2.3. Repair requirements are identified and carried out according to work plan procedures.</p> <p>2.4. Sundry electric fences are erected to contour according to work plan and OHS requirements.</p> <p>2.5. Electric fence components are installed neatly according to manufacturer's specifications.</p> <p>2.6. All work is carried out safely according to OHS and enterprise requirements.</p>
3. Complete fencing operation	<p>3.1. Post holes are firmly filled to remove potential hazards and minimise environmental impact.</p> <p>3.2. Work site is cleared and tidied and all non-reusable materials are disposed of in an environmentally responsible manner.</p> <p>3.3. Tools and re-usable materials are transported safely from the work site and stored according to enterprise and manufacturers recommendations.</p> <p>3.4. Further identified work or repair requirements are reported according to enterprise requirements.</p>

## Required Skills and Knowledge

**REQUIRED SKILLS AND KNOWLEDGE**

This section describes the skills and knowledge required for this unit.

**Required skills**

- identify hazards and implement safe work practices
- minimise environmental impact
- interpret and apply task instruction
- complete work efficiently within timeframes
- maintain physical fitness
- read and interpret work plans
- communicate with work team and supervisor
- calculate and measure fencing wire requirements
- use interpersonal skills to relate to people from a range of social, cultural and ethnic backgrounds and with a range of physical and mental abilities.

**Required knowledge**

- uses and structures of a range of electric fence types
- uses and types of standard fencing tools and materials
- common electric fencing hazards and safety precautions
- dangers posed by electricity to personnel and livestock
- difference between portable and mains power
- OHS legislative requirements
- relevant codes of practice with regard to protection of the environment.

## Evidence Guide

<b>EVIDENCE GUIDE</b>	
The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.	
<b>Overview of assessment</b>	
<b>Critical aspects for assessment and evidence required to demonstrate competency in this unit</b>	<p>The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and include achievement of the following:</p> <ul style="list-style-type: none"> <li>• select the correct tools and equipment</li> <li>• apply appropriate methods to install and maintain electric fences</li> <li>• erect fences to contour</li> <li>• safely install components without damage</li> <li>• dismantle and transport fences.</li> </ul>
<b>Context of and specific resources for assessment</b>	Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.

## Range Statement

<b>RANGE STATEMENT</b>	
The range statement relates to the unit of competency as a whole.	
Electric fences:	<p>any electric fencing system components such as:</p> <ul style="list-style-type: none"> <li>• portable live posts</li> <li>• insulators</li> <li>• energiser and wire.</li> </ul>

## Unit Sector(s)

<b>Unit sector</b>	Infrastructure
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### Co-requisite units

<b>Co-requisite units</b>		

### Competency field

<b>Competency field</b>	
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