



Australian Government

Assessment Requirements for AHCINF306 Plan and construct an electric fence

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 Version 9.0.

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 constructed an electric fence on at least one occasion and has:

- developed an electric fencing plan for the workplace
- read and interpreted plans or site maps and marked out fence lines
- applied workplace health and safety requirements, including fitted and used personal protective equipment (PPE)
- recognised and reported workplace health and safety hazards and used safe work practices
- operated fencing tools and construction equipment
- constructed an electric fence that meets fencing plan specifications
- tested and monitored the electric fence for earthing and current flow, resistance and leakage
- cleaned and tidied up work area, stored tools and equipment and disposed of waste.

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:

- relevant state or territory legislation and regulations regarding electric fences
- basic operation of electric fences, including earthing and current flow, resistance and leakage
- differences between portable and mains power
- issues affecting electric fencing in relation to the whole property plan
- fencing plans and site maps relevant to electric fence planning and construction
- range of electric fencing designs, construction methods and materials
- conditions under which electric fences may cause fire

- workplace requirements applicable to health and safety in the workplace for planning and constructing an electric fence, including appropriate use of PPE
- common electric fencing hazards and safety precautions
- safe methods for diagnosing routine faults
- disposal and recycling of waste material, including identification and disposal of hazardous material associated with electric fence planning and construction
- workplace procedures relevant to electric fence planning and construction, and disposing of waste materials.

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:
 - fences, electric fencing tools, material and equipment
 - PPE applicable to electric fence planning and construction
- specifications:
 - fencing plans and site maps relevant to electric fence planning and construction
 - workplace health and safety legislation, regulations, codes of practice and workplace procedures relevant to electric fence planning and construction
 - workplace documents, including workplace procedures, processes, instructions and job specifications relevant to electric fence planning and construction
- relationships:
 - supervisor.

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>