

Modification history

Release	Comments
Release 3	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 5.0.
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 2.0.
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0.

AHCNAR501	Manage natural areas on a rural property
Application	<p>This unit of competency describes the skills and knowledge required to manage natural areas on privately owned rural properties, and enhance the sustainable ecological and economic capacity and outcomes of the land.</p> <p>The unit applies to individuals who manage land management projects and who analyse information and exercise judgement to complete a range of advanced skilled activities demonstrating a deep knowledge in specific technical areas within land management. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems.</p> <p>No licensing, legislative or certification requirements are known to apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Natural Area Restoration (NAR)

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. Determine location, size and type of area to be managed	1.1 Confirming location, boundaries and ownership of rural property 1.2 Compile register of native animal and plant species specific to site 1.3 Determine features, characteristics and topography of site 1.4 Source and confirm accuracy of vegetation structure and conservation value data 1.5 Obtain details of the presence of and threats from pests 1.6 Assess ecological value of natural areas on property 1.7 Compile documented evidence of physical impacts on area
2. Prepare management plan	2.1 Identify budgetary constraints for management plan 2.2 Design boundary control appropriate to natural area protection guidelines 2.3 Plan restoration and maintenance strategies according to budget requirements 2.4 Rectify physical impacts using industry endorsed strategies 2.5 Liaise with planning and specialist authorities 2.6 Develop habitat enhancement strategies 2.7 Develop strategies to integrate management of natural areas into land use and production systems for property 2.8 Incorporate biosecurity, environmental sustainability and work health and safety procedures into management plan 2.9 Confirm management plan complies with relevant national, State, Territory and local legislation or regulations 2.10 Prepare and present management plan

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
3. Implement management strategies	3.1 Develop work schedules consistent with production requirements 3.2 Coordinate people, materials and equipment for work according to management strategy 3.3 Schedule works for operational personnel, according to seasonal weather conditions 3.4 Obtain permits or licenses for natural area works 3.5 Communicate with stakeholders during planning and implementation of work

Foundation Skills	
<i>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.</i>	
Skill	Description
Reading	<ul style="list-style-type: none"> Identify and extract relevant planning information from maps, legislation and regulations and incorporate into planning and implementation documents
Writing	<ul style="list-style-type: none"> Generate complex written plans and schedules demonstrating control over a broad range of writing styles for a diverse range of purpose and audience
Oral communication	<ul style="list-style-type: none"> Establish and maintain effective spoken communication in a broad range of contexts and to a diverse audience
Numeracy	<ul style="list-style-type: none"> Use highly-developed numeracy skills to interpret complex financial information, perform calculations and translate financial and budgetary data into planning documents

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
AHCNAR501 Manage natural areas on a rural property Release 3	AHCNAR501 Manage natural areas on a rural property Release 2	Minor changes to Application and Performance Criteria Updated Performance Evidence, Knowledge Evidence and Assessment Conditions	Equivalent unit

Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72
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TITLE	Assessment requirements for AHCNAR501 Manage natural areas on a rural property
Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has on at least one occasion managed a natural area located on a rural property and has:</p> <ul style="list-style-type: none"> • determined features and characteristics of natural areas • sourced topographical and conservation data about a site • assess the ecological value of natural areas on a property • develop and implement management strategies in accordance with workplace procedures and industry best practice • liaised and consulted with stakeholders • coordinated work team to carry out work in natural areas according to management strategies • developed and implemented restoration and maintenance management strategies according to National, State, Territory and local government legislation and regulations • prepared management plans incorporating health and safety, biosecurity legislative requirements and environmentally sustainable practices. 	

Knowledge Evidence	
<p>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:</p> <ul style="list-style-type: none"> • natural area restoration and management principles, including: <ul style="list-style-type: none"> • the planning process • site evaluation techniques • methods of analysing soils, waterways and their condition • sustainable land management strategies, including: <ul style="list-style-type: none"> • advantages and limitations • environmental sustainability as a 'whole-system' approach • property planning and enterprise budgeting systems and procedures • role of different stakeholders and authorities in management, including: <ul style="list-style-type: none"> • property owner • consultants • local government and other environmental agencies • rural fire authorities • special interest groups • environmental issues including: <ul style="list-style-type: none"> • water use and water catchments • pollution sources and damage potential including air and noise pollution • waste minimisation • natural and human threats natural areas • soil type and geology for accessing sites • interactions between production systems and natural areas • ecological principles related to management of natural areas, including: <ul style="list-style-type: none"> • maintaining ecosystem structures and habitat • interactions between flora and fauna and impact on the ecology • vegetation types and their general characteristics for management • importance of biodiversity in managing natural areas, including: <ul style="list-style-type: none"> • terrestrial plants and basic plant community structures • water plant communities and interaction in saline environments • methods for preserving biodiversity • State/Territory legislative requirements related to environmental protection and biosecurity standards • work health and safety hazards and the controls necessary to remove or minimise risk. 	

Assessment Conditions	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none">• physical conditions:<ul style="list-style-type: none">• skills must be demonstrated on a farm property with an area of natural area to be conserved or an environment that accurately represents workplace conditions• resources, equipment and materials:<ul style="list-style-type: none">• maps and site plans• specifications:<ul style="list-style-type: none">• use of specific workplace policies, procedures, processes, for managing a rural property• access to legislation, regulations and codes of practice relevant to rural property and natural area management• relationships:<ul style="list-style-type: none">• stakeholders <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72