



Australian Government

AHCNAR306 Conduct photography for fieldwork

Release: 2

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Modification History

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0.
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 setup and use photographic equipment and techniques to take photographs in the field.

The unit applies to individuals who work under broad direction and take responsibility for their own work. They use discretion and judgement in the selection, allocation and use of available resources and for solving 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

Natural Area Restoration (NAR)

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 to take photographs	1.1 Determine the purpose and intended use of photographs 1.2 Prepare a photograph specification for subject, purpose and requirements 1.3 Assess work health and safety hazards and risks for fieldwork photography and apply controls according to workplace procedures

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Ensure permits and releases have been obtained according to workplace procedures and copyright requirements
2. Identify and select appropriate equipment	2.1 Select camera suitability for the intended use 2.2 Select and prepare photographic equipment and accessories required to capture intended images 2.3 Transport and store photographic equipment and accessories to prevent damage
3. Take photos using correct methods and techniques	3.1 Implement safety controls and safe work practices 3.2 Select and set up camera in position to take photographs 3.3 Select camera settings to suit conditions and subject 3.4 Select the perspective, framing and sequencing of photographs according to the subject and purpose of photographs 3.5 Capture photograph and check image according to selected camera type to ensure fit for purpose 3.6 Use specialist photography techniques appropriate to subject, environment and purpose 3.7 Record field notes according to workplace procedures
4. Store and catalogue photographs	4.1 Transfer photographs from camera for storage according to workplace procedures 4.2 Maintain photograph records and filing system according to workplace procedures and copyright requirements

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 documents for preparing permits and camera settings to determine photographic outcomes
Writing	Accurately prepares applications and updates records using clear language and appropriate terminology

Skill	Description
Numeracy	Performs basic calculations when interpreting and setting camera settings
Navigate the world of work	Takes responsibility for following procedures and industry requirements
Get the work done	- Takes responsibility for planning, sequencing and prioritising tasks and workload. - Makes routine decisions and implements procedures and uses formal decision-making processes for more complex situations

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCNAR306 Conduct photography for fieldwork Release 2	AHCNAR306 Conduct photography for fieldwork Release 1	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 AHCNAR306 Conduct photography for fieldwork

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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 conducted photography fieldwork, including:

- determined the purpose of the photograph and prepared a specification
- ensured that appropriate permits and releases have been obtained for planned photographs
- assessed work health and safety risks and apply suitable controls
- selected, transported and stored the appropriate camera and equipment for specified photographs
- set up and adjusted camera settings to obtain planned photograph outcomes
- used at least 4 specialised photography techniques, including:
 - macro photography
 - photo points
 - evidentiary photography
- capture photographs and check against the photograph specification
- recorded field notes according to purpose and workplace procedures
- transferred photographs from camera, recorded and stored images according to workplace procedures and copyright requirements.

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:

- basic types of photography and photographic techniques applicable to field work
- legal requirements of copyright, privacy, permission, releases and environmental protection relating to taking photos for fieldwork
- work health and safety hazards, risks and controls

- purpose, setting up and operation of photographic equipment used in fieldwork
- principles of photography including aperture, shutter speed, depth of field, ISO, white balance, exposure compensation and dynamic range
- purpose and technique for specialist photography in land management, including:
 - identifying flora and fauna
 - vegetation communities and landscapes
 - photo-point surveys
 - photography for compliance evidentiary purposes
 - photography for publications
 - project monitoring and reporting
 - underwater
- media and methods used for documenting, labelling and storing photographs for analogue and digital photography.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in accessible field environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - camera, lens, equipment and media for capturing photographs
 - personal protective equipment
- specifications:
 - workplace documents including policies, procedures, processes, instructions and forms
 - use of manufacturer's operating instructions for specific cameras and equipment
 - photographic specifications or briefs
 - copyright legislation.

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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