



Australian Government

SFICRO305 Prepare to work with crocodiles

Release: 1

SFICRO305 Prepare to work with crocodiles

Modification History

Release	Comments
Release 1	This version released with SFI Seafood Industry Training Package Version 2.0.

Application

This unit of competency describes the skills and knowledge required to prepare to work with crocodiles.

The unit applies to individuals who prepare for work with crocodiles on farms, research facilities, wildlife parks or in crocodile habitats. While this unit relates mostly to saltwater crocodiles, it also entails comparisons with other crocodile species.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety, biosecurity and environmental regulations, legislation and standards that apply to the workplace.

No licensing, legislative or certification requirements apply to this unit at the time of publication. Licences or permits may be required for the use of firearms or restricted drugs on crocodiles or if operating vehicles.

Pre-requisite Unit

Nil

Unit Sector

Crocodiles (CRO)

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. Identify key features of crocodile anatomy and physiology	1.1 Determine the key physical characteristics of saltwater and freshwater crocodiles 1.2 Identify the key features and functions of crocodile anatomy

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Source information about common crocodile health issues
2. Identify behavioural patterns of different crocodile species	2.1 Identify the key drivers that affect crocodile behaviour 2.2 Identify key behavioural characteristics of saltwater and freshwater crocodiles
3. Determine and follow safety requirements in crocodile habitats	3.1 Source information about features of crocodile habitats 3.2 Identify key risk factors in crocodile habitats 3.3 Use appropriate communication method to inform relevant personnel and/or members of the public to obey crocodile warning signs and follow safety procedures
4. Access information about crocodile operations in controlled environments	4.1 Determine the reasons for crocodile farming and the importance of crocodile skin quality 4.2 Identify reasons for crocodile research and the functions of a crocodile research facility 4.3 Determine the reasons for caring for crocodiles in a wildlife park 4.4 Identify crocodile handling requirements when working with crocodiles in controlled environments
5. Identify legislation, regulations and management programs relating to the protection of crocodiles	5.1 Determine appropriate crocodile and animal protection legislation/regulation and codes of practice 5.2 Identify and observe crocodile management program aims 5.3 Determine biosecurity issues associated with working with crocodiles in controlled environments and in the wild

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
Oral communication	Communicate clearly, concisely and in a culturally sensitive manner

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
SFICRO305 Prepare to work with crocodiles	Not applicable	Unit has been created to address an emerging skill required by industry	Newly created

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273>

Assessment Requirements for SFICRO305 Prepare to work with crocodiles

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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 the individual has:

- observed crocodile operational and safety requirements on farms, wildlife parks, research facilities or crocodile habitats on at least five different occasions.

In doing the above, there must be evidence that the individual has:

- identified the differences in crocodile species
- identified risks associated with working with crocodiles
- followed legislation/regulation and codes of practice associated with crocodiles
- followed biosecurity guidelines
- located and applied required documentation, policies and procedures
- communicated appropriately and respectfully with others.

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:

- species of crocodilians around the world, including:
 - Indo-Pacific/estuarine/saltwater crocodiles – *Crocodylus porosus*
 - freshwater crocodiles – *Crocodylus johnstoni*
 - alligators and caimans
 - gharials
- the characteristics of saltwater crocodiles and freshwater crocodiles
- key features of crocodile anatomy
- crocodile behavioural patterns
- key drivers that affect crocodile behaviour
- crocodile health issues, including:

- diseases
- thermal stress – where the animal is unable to thermoregulate correctly
- capture stress – when the animal is caught and handled
- social stress – arising out of competition and the inability of adults to establish a territory (e.g. enclosure too small, densities too high)
- low temperatures causing impediments to food digestion
- environmental hygiene
- risk factors working with crocodiles and around crocodiles
- crocodile waterway safety procedures
- the use of appropriate communication methods
- culturally sensitive communication protocol
- crocodile management program or policy aims, including:
 - ecological maintenance of a large and healthy population of saltwater crocodiles living in their natural habitat
 - promotion of the saltwater crocodile as a natural resource that has economic use and benefit if used sustainably
 - respect for the cultural values of the Indigenous population with regard to crocodile management
 - management of concentrated numbers in areas where there is a high risk to people, livestock and pets
 - provision for crocodile awareness and information in parks, reserves and conservation areas
- reasons for crocodile farming:
 - crocodile skin/leather to produce goods with emphasis on skin quality
 - crocodile meat
- crocodile research facility purposes:
 - to expand knowledge about crocodiles as a species
 - to assist with the profitability and sustainability of commercial crocodile production
- reasons for caring for crocodiles in wildlife parks:
 - education
 - conservation
 - research
 - tourism
- state and territory legislation, regulations and codes of practice associated with crocodile waterways and crocodile welfare
- biosecurity guidelines for Australian waterways and crocodile-controlled environments.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:

- skills must be demonstrated in an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - access to a crocodile farm, wildlife park, research facility or crocodile habitat
- specifications:
 - crocodile safety documentation, policies and procedures
- relationships:
 - relevant personnel.

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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