



Australian Government

SFICRO303 Care for crocodiles over 1.2 metres in a controlled environment

Release: 1

SFICRO303 Care for crocodiles over 1.2 metres in a controlled environment

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 care for crocodiles over 1.2 metres in a controlled environment. While it relates mostly to saltwater crocodiles, it may entail caring for other crocodile group species (alligators, caimans, crocodiles and gharials).

The unit applies to individuals who care for crocodiles on farms, wildlife parks or research facilities.

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. Prepare for care of crocodiles over 1.2	1.1 Determine and prepare to observe relevant crocodile protection legislation/regulation and codes of practice

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
metres in a controlled environment	1.2 Determine biosecurity issues associated with working with crocodiles in captivity 1.3 Identify risk factors that could affect crocodile care operations, and plan to minimise risk 1.4 Source information on sound crocodile husbandry and welfare processes that enhance crocodile health and prevent skin damage 1.5 Identify the purpose of specific facilities, including crocodile breeding enclosures 1.6 Discuss the site-specific requirements with relevant personnel 1.7 Gather required equipment, including personal protective equipment (PPE) to prepare for work with crocodiles in a controlled environment according to workplace health and safety standards
2. Feed crocodiles over 1.2 metres	2.1 Identify the nutritional needs of crocodiles over 1.2 metres in a controlled environment as specified in the relevant codes of practice 2.2 Prepare and store food and food supplements according to food safety requirements 2.3 Feed crocodiles that are over 1.2 metres, following standard operating procedures (SOPs) and according to crocodile safety procedures 2.4 Maintain feeding records according to organisation SOPs, and report any observed feeding abnormalities
3. Maintain pens of crocodiles over 1.2 metres	3.1 Remove excess food and record leftover amount according to SOPs 3.2 Clean crocodile pens and remove dead crocodiles according to SOPs and relevant codes of practice 3.3 Monitor and maintain water quality and temperatures according to SOPs
4. Monitor health of crocodiles over 1.2 metres in a controlled environment	4.1 Monitor and record crocodile health to prevent disease and illness 4.2 Monitor and document husbandry records according to facility SOPs and internal auditing process
5. Conduct crocodile stock administrative activity	5.1 Check completeness of pen cleaning and disposal of waste materials according to SOPs, biosecurity and environmental requirements 5.2 Update facility records and report any abnormal observations,

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	events, or deaths, to relevant personnel 5.3 Check condition and storage of tools and equipment, and report repair and maintenance requirements to relevant personnel

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	Interpret technical information relating to crocodile species
Writing	Record data with technical detail relating to crocodile care
Oral communication	Communicate in a clear, concise and culturally sensitive manner

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
SFICRO303 Care for crocodiles over 1.2 metres in a controlled environment	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 SFICRO303 Care for crocodiles over 1.2 metres in a controlled environment

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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:

- conducted all crocodile care activities with crocodiles over 1.2 metres in a controlled environment (farm, wildlife park or research facility) on at least five occasions.

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

- complied with crocodile risk and safety standards
- treated crocodiles humanely
- complied with crocodile biosecurity guidelines
- followed legislation/regulation and codes of practice associated with crocodiles
- completed accurate workplace records.

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:

- crocodile food preparation methods, storing requirements and preventing cross-contamination of food
- how to deliver food to crocodiles that are over 1.2 metres in a safe manner
- safe and humane crocodile handling techniques and procedures
- the principles of crocodile welfare and ethics as set out in relevant codes of practice and standard operating procedures (SOPs)
- assessment of body condition and health of crocodiles over 1.2 metres
- reasons for poor crocodile survival rates, including:
 - inappropriate husbandry
 - incubation conditions
 - disease
 - injury

- pen maintenance
- genetics
- social stress
- crocodile survival rates compared to the historical records of similar facilities
- crocodile skin quality requirements and husbandry methods that prevent crocodile skin damage:
 - appropriate nutrition
 - pen maintenance
 - crocodile health monitoring
- diseases of crocodiles in controlled environments
- crocodile breeding processes in a controlled environment
- risk factors of working with crocodiles
- workplace health and safety practices related to crocodile operations
- culturally sensitive communication protocol
- state and territory legislation, regulations and codes of practice associated with crocodile activity
- biosecurity guidelines for crocodile facilities.

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 crocodiles over 1.2 metres in a controlled environment
 - personal protective equipment (PPE)
 - equipment for feeding crocodiles
 - cleaning equipment for cleaning crocodile pens
- specifications:
 - crocodile safety documentation, policies and procedures, SOPs and codes of practice
- relationships:
 - relevant personnel.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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