



Australian Government

SFICRO403 Capture, transport and release crocodiles

Release: 1

SFICRO403 Capture, transport and release 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 use recognised manual manipulation techniques to capture, transport and release a crocodile working in a team. While this unit relates mostly to saltwater crocodiles, it may also entail incidents with other crocodile species

The unit applies to individuals who work as team members to assist in crocodile operational activity.

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 and the capture and release of crocodiles.

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 capture, transport and release of a crocodile	1.1 Identify appropriate legislation/regulation and codes of practice for safe and humane capture, transport and release of crocodiles 1.2 Discuss the different methods of capture, transport and release depending on the crocodile's size with relevant personnel

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 Discuss team roles for capturing, transporting and releasing crocodiles with relevant personnel 1.4 Select and fit appropriate personal protective equipment (PPE) and check first aid kit is complete 1.5 Prepare operational equipment required for the capture, transport and release of crocodiles, incorporating safety, biosecurity, environmental and regulatory requirements 1.6 Conduct a full rehearsal of the operation and establish the required communication processes according to workplace procedures
2. Capture a crocodile	2.1 Prepare the crocodile trap or device to be used for crocodile capture 2.2 Locate crocodile to be captured and estimate its length 2.3 Monitor crocodile behaviour and consult with appropriate personnel to determine if chemical restraint is required 2.4 Capture the crocodile according to standard operating procedures (SOPs) 2.5 Restrain the crocodile's jaw according to SOPs to prevent the animal from striking or lunging 2.6 Cover the crocodile's eyes to limit sight and calm the animal 2.7 Load the crocodile according to workplace procedures and safe work practices
3. Transport a crocodile	3.1 Prepare crocodile for transport according to workplace transport and biosecurity SOPs 3.2 Monitor crocodile behaviour and vitals at all stages and maintain situational awareness to ensure safety of self, others and crocodile, and report any abnormal conditions or crocodile behaviour to appropriate personnel 3.3 Maintain transport environment in a manner that is conducive to crocodile welfare and according to the appropriate crocodile code of practice
4. Use manual manipulation techniques to move a crocodile	4.1 Safely manoeuvre the crocodile to the agreed location using appropriate equipment and physical effort in a haul team when required 4.2 Cooperate and communicate with team members to ensure

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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	safety and minimal stress to the crocodile
5. Release a crocodile	5.1 Remove crocodile constraints according to SOPs, maintaining safe work practices and avoiding unnecessary stress to the crocodile 5.2 Reposition crocodile in a planned location and monitor during recovery phase
6. Review and debrief information relating to crocodile capture, transport and release	6.1 Participate in crocodile capture, transport and release debrief session 6.2 Discuss processes and identify possible procedural improvements with team members or appropriate 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
Oral communication	- Provide brief and clear procedural information - Communicate in a culturally sensitive manner

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
SFICRO403 Capture, transport and release 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 SFICRO403 Capture, transport and release 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 worked in a team:

- capturing, transporting and releasing at least five crocodiles.

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

- complied with crocodile risk and safety standards
- treated crocodiles humanely
- worked in a team environment
- used appropriate equipment correctly
- complied with regulation associated with crocodile care
- complied with biosecurity guidelines and environmental standards
- communicated with relevant parties.

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:

- types of equipment and how to use, including:
 - vehicles
 - rescue straps/webbing, ropes, slings
 - harpoons
 - glide mats or similar improvised equipment
 - head/eye protection for crocodiles
 - wooden dowel
 - first aid kit
 - tape
 - traps, cages or other crocodile relocation devices

- key features of crocodile anatomy and physiology, including:
 - different crocodile species size
 - the animal's sensory organs
 - the animal's muscular jaw
 - the animal's muscular tail
- techniques involved in the manoeuvring of crocodiles, including:
 - roles of team members, including first aiders
 - communication
 - sequence of action to be followed
- variations to methods in crocodile capturing techniques depending on the size of the crocodile
- ways to restrain crocodiles, including:
 - using a crocodile trap with a gate that is secured and is appropriate for a large crocodile
 - working in a team that enables operators to restrain a crocodile and secure its jaws
 - covering the crocodile's eyes to limit sight so as to calm the animal
 - hauling the crocodile into the transport vehicle using the appropriate haulage methods for a large crocodile
 - when to seek advice from appropriate personnel regarding the use of chemical restraint
- crocodile habitat safety procedures, including:
 - never swimming or wading through any water in northern Australian waterways
 - only crossing rivers at shallow water sites or rocky areas in the narrowest section, no more than 30 cm (knee deep)
 - carrying some form of communication equipment
 - being careful when walking through long grass and when near banks
- appropriate action if confronted by an aggressive crocodile:
 - maintain sight of crocodile while retreating as rapidly as possible
 - raise the alarm and identifying location of crocodile to others
 - ensure all team members are accounted for and uninjured
 - use communication systems to inform others
- state and territory regulations and codes associated with crocodile habitats and crocodile activity
- biosecurity guidelines for crocodile habitats:
 - not contaminating waterways
 - observing standard operating procedures (SOPs)
- culturally sensitive communication protocol.

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:
 - crocodiles
 - equipment required for manual manipulation techniques
- specifications:
 - crocodile safety documentation, codes of practice, policies and procedures
- relationships:
 - team members.

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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