

**Modification history**

Release	Comments
Release 1	This version released with SFI Seafood Industry Training Package Version 3.0.

SFICRO3X2	Capture, transport and release a 1.5 to 2.5 metre crocodile
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to use recognised manual manipulation techniques to capture, transport and release a 1.5 to 2.5 metre crocodile in a team of at least two people.</p> <p>The unit applies to individuals who work as team members to assist in crocodile operational activity. While this unit relates mostly to saltwater crocodiles, it may also entail incidents with other crocodile species.</p> <p>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. Licences or permits may be required for the use of firearms or restricted drugs on crocodiles or if operating vehicles.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
<b>Use Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Crocodiles

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 Discuss processes and team roles in capturing, transporting and releasing crocodiles with relevant personnel 1.2 Select and fit appropriate personal protective equipment (PPE) and inspect first aid kit 1.3 Prepare operational equipment required for the capture, transport and release of crocodiles, incorporating safety, biosecurity, environmental and regulatory requirements 1.4 Conduct a full rehearsal of the operation and establish the required communication processes in accordance with workplace procedures
2. Capture a 1.5 to 2.5 metre crocodile	2.1 Prepare the crocodile trap or device to be used for crocodile relocation 2.2 Locate crocodile to be captured and estimate its length 2.3 Capture the crocodile with the trap or designated crocodile relocation device and place a snout rope over the top jaw of the crocodile in accordance with standard operating procedures (SOPs) 2.4 Monitor crocodile behaviour, cable tie the crocodile to the trap or designated crocodile relocation device and close access gate to prevent the animal from striking 2.5 Once the crocodile has calmed, open the access panel of the trap or the designated crocodile relocation device and take steps to secure the crocodile's jaws in accordance with SOPs 2.6 Pull the crocodile up through the gates in the top of the trap to a level where the whole head protrudes through the opening so as to secure the jaws for both floating and land-based traps or designated crocodile relocation devices 2.7 Tape a wet hessian bag or cloth over the crocodile's eyes to limit sight and calm the animal 2.8 Remove the crocodile from the trap and take it into the boat in accordance with SOPs and safe work practices

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. Transport a 1.5 to 2.5 metre crocodile	3.2 Prepare for transport to post-harvest facilities or relocation sites in accordance with workplace transport and biosecurity procedures 3.4 Monitor crocodile behaviour 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 3.5 Maintain transport environment in a manner that is conducive to crocodile welfare
4. Use manual manipulation techniques to move a 1.5 to 2.5 metre crocodile safely	4.1 Work in a haul team to pull or manoeuvre crocodile towards the planned location in accordance with workplace requirements 4.2 Safely manoeuvre the crocodile to the agreed location using appropriate equipment where needed 4.3 Cooperate and communicate with team members to ensure safety and minimal stress to the crocodile
5. Release a 1.5 to 2.5 metre crocodile safely	5.1 Remove crocodile constraints, one at a time, maintaining safe work practices and avoiding unnecessary stress to the crocodile 5.2 Reposition the 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	
<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
Oral communication	<ul style="list-style-type: none"> <li>Provide brief and clear procedural information</li> <li>Communicate in a culturally sensitive manner</li> </ul>

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
SFICRO3X2 Capture, transport and release a 1.5 to 2.5 metre crocodile	N/A		New unit

Links	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.edesuscation.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273">https://vetnet.edesuscation.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273</a>
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<b>TITLE</b>	<b>Assessment requirements for SFICRO3X2 Capture, transport and release a 1.5 to 2.5 metre crocodile</b>
<b>Performance Evidence</b>	
<p>An individual demonstrating competency must satisfy all of the elements, performance criteria and foundation skills in this unit.</p> <p>There must be evidence that the individual has worked in a team:</p> <ul style="list-style-type: none"><li>• capturing, transporting and releasing at least five crocodiles</li></ul> <p>In doing the above, evidence must also include:</p> <ul style="list-style-type: none"><li>• observing crocodile risk and safety standards</li><li>• working in a team environment</li><li>• observing legislation and regulation associated with crocodiles</li><li>• observing biosecurity guidelines and health and safety procedures.</li></ul>	

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## Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements, performance criteria and foundation skills of this unit. This includes knowledge of:

- types of equipment and how to use, including:
  - vehicles
  - rescue straps/webbing, ropes, slings
  - harpoons
  - rescue glides
  - glide mats or similar improvised equipment
  - head/eye protection for crocodiles
  - emergency halters
  - wooden dowel
  - first aid kit
  - traps, cages or other crocodile relocation devices
- key features of crocodile anatomy, including:
  - different crocodile species size
  - the animal's muscular jaw
  - the animal's muscular tail which helps it swim
  - the crocodile respiratory and cardiovascular system - four-chambered heart allowing it to stay submerged underwater for as long as an hour by slowly pumping blood through its body
  - the crocodile's digestive system
- zoonotic diseases that can affect crocodiles
- the importance of crocodile skin quality for farmed crocodiles
- types of potential incidents involving crocodiles
- techniques involved in the manoeuvring of crocodiles, including:
  - roles of team members, including medical personnel
  - communication
  - sequence of action to be followed
  - briefing and debriefing processes
- ways to restrain crocodiles, including:
  - using a crocodile trap with a gate that is secured with a zip tie
  - working in a team that enables one operator to hold the crocodile's head up with the snout rope while the other secures the jaws with a cable tie
  - preventing slippage by pulling the tie using twine behind the snout rope loop
  - taping the crocodile's eyes with a wet hessian bag or cloth to limit sight so as to calm the animal
- hygiene practices working with crocodiles
- crocodile risk factors in remote waterway environments:
  - estuarine crocodile habitat - any body of water in northern Australia within 100 km off the coast
  - increased risk at night because crocodiles are more active at night
  - increased risk during crocodile breeding season from September to April
  - aggressive female crocodile behaviour when they are defending their nests and young hatchlings
- crocodile waterway safety procedures, including:
  - not bringing boats and vehicles within 10 metres of a crocodile
  - 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)
  - wherever possible parking vehicles at least 5 meters from the water's edge and in a clear area
  - carrying some form of communication equipment
  - avoiding working at night
  - being careful when walking through long grass
- state and territory legislation or regulation associated with crocodile waterways and crocodile activity
- biosecurity guidelines for capture and transport of crocodiles from farms, including:
  - farm personnel and visitors' procedures
  - use of equipment, infrastructure and consumables
  - observing standard operating procedures (SOPs)
- biosecurity guidelines for crocodile waterways:
  - not contaminating waterways
  - observing SOPs.

<b>Assessment Conditions</b>	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"><li>• physical conditions:<ul style="list-style-type: none"><li>• skills must be demonstrated in an environment that accurately represents workplace conditions</li></ul></li><li>• resources, equipment and materials:<ul style="list-style-type: none"><li>• crocodiles</li><li>• crocodile mannequins??</li><li>• equipment required for manual manipulation techniques</li><li>• access to crocodile safety documentation, policies and procedures</li></ul></li></ul> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273">https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273</a>

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