

Modification history

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

SFICRO4X3	Harvest crocodile eggs from the wild
Application	<p>This unit of competency describes the skills and knowledge required to collect crocodile eggs from nests in Australia waterways.</p> <p>The unit applies to individuals who work with crocodiles in crocodile waterways in teams, harvesting eggs. 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>
Use Prerequisite Unit	Nil
Unit Sector	Crocodile

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. Plan wild crocodile egg harvesting	1.1 Identify regulations relating to crocodile egg harvesting in the wild 1.2 Plan travel to waterway locations likely where crocodile nests are likely to be found 1.3 Consider risk factors and plan management strategies incorporating personal health and safety, crocodile care, biosecurity and environmental factors to harvest crocodile eggs in a safe manner 1.4 Prepare operational equipment required incorporating safety and personal protective equipment (PPE) 1.5 Establish communication processes required in accordance with workplace procedures
2. Conduct crocodile egg harvesting in the wild	2.1 Establish communications necessary to conduct crocodile egg harvesting 2.2 Travel with at least one other person and transport required resources and personnel to site 2.3 Implement measures that minimise risk to the public, habitats, species and communities 2.4 Establish team activity so that at least one team member watches for crocodiles while the other locates crocodile nest(s) cautiously 2.5 Access crocodile eggs, marking the uppermost surface of each egg with a non-toxic indelible mark while it is still in the nest 2.6 Keep the eggs horizontal, pack them in material to restrict them from rolling and place them in a collection crate or box 2.7 Measure the temperature in the box or crate to ensure that the nesting material has not generated excess heat and resulted in temperatures over 34 degrees Celsius 2.8 Prepare to transport crocodile eggs to post-harvest facilities or relocation sites maintaining the transport environment in a manner that is conducive to crocodile egg welfare

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. Complete crocodile egg harvesting in the wild	3.1 Transport crocodile eggs to post-harvest facilities or relocation sites 3.2 Monitor environmental conditions during transport to ensure they are conducive crocodile eggs welfare and biosecurity guidelines
Conduct crocodile harvest debrief processes	4.1 Participate in a crocodile egg harvesting debrief session 4.2 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"> Communicate in clearly and succinctly Communicate in a culturally sensitive manner

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
SFICRO4X3 Harvest crocodile eggs from the wild	N/A		New unit

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

TITLE	Assessment requirements for SFICRO4X3 Harvest crocodile eggs from the wild
Performance Evidence	
<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:</p> <ul style="list-style-type: none"> • harvested crocodile eggs with at least one extra person on at least three occasions <p>In doing the above, evidence must also include:</p> <ul style="list-style-type: none"> • observing crocodile risk and safety standards • treating crocodiles humanely • handling crocodile eggs with care • observing legislation and regulation associated with crocodiles • observing biosecurity and health and safety guidelines • communicating with others. 	

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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:

- crocodile egg harvesting techniques, including:
 - marking the uppermost surface of each egg with a soft pencil or other non-toxic indelible mark, while in the nest
 - keeping the eggs horizontal with the marked top surface uppermost as the egg is removed from the nest and placed into the collection crate or box
 - not exposing the eggs to dry conditions or temperatures higher than 34 degrees Celsius
 - packing eggs in material (nest vegetation, vermiculite) that will restrict rolling and maintain humidity
 - maintaining adequate ventilation in the transport container
- safe crocodile egg transport, including:
 - avoiding injury through rough handling or jolting of eggs and/or containers
 - paying particular attention to avoid mechanical stimulation when eggs are near hatching (between 8 and 16 days) as it may stimulate premature hatching
- 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 in Australia
 - aggressive female crocodile behaviour when they are defending their nests and young hatchlings
- crocodile waterway safety procedures, including:
 - never provoking, harassing or interfering with crocodiles
 - 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)
 - avoiding sites where carcasses are concentrated as crocodiles may have congregated in the area
 - not leaving rubbish or feed scraps around the camp site
 - not preparing food or undertake any activities near the water's edge or adjacent sloping banks
 - wherever possible parking vehicles at least 5 meters from the water's edge and in a clear area
 - staying well clear from any crocodile slide marks
 - carrying some form of communication equipment
 - avoiding working at night
 - being careful when walking through long grass
- zoonotic diseases affecting crocodiles
- safe working practices, including:
 - PPE
 - hygiene and biosecurity procedures
 - basic crocodile manual handling techniques
- crocodile management program or policy aims, including:
 - maintenance a large and healthy population of saltwater crocodiles living in their natural habitat in the Northern Territory
 - 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
 - work with other government groups, business and industry to make locals and visitors aware of crocodiles
 - encouragement for everyone to be responsible in activities near the natural environment of saltwater crocodiles
- state and territory legislation or regulation associated with crocodile waterways and crocodile activity.
- biosecurity guidelines for crocodile waterways:
 - not contaminating waterways
 - observing standard operating procedures (SOPs).

Assessment Conditions	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none">• physical conditions:<ul style="list-style-type: none">• skills must be demonstrated in an environment that accurately represents workplace conditions• resources, equipment and materials:<ul style="list-style-type: none">• access to crocodile waterways and crocodile nests• access to crocodile safety documentation, policies and procedures• equipment required for crocodile egg harvesting in the wild <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
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