Modification history

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

| SFICRO4X3 | Harvest crocodile eggs |
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| Application | This unit of competency describes the skills and knowledge required to collect crocodile eggs from controlled environments and from nests in Australian waterways.  The unit applies to individuals who work with crocodiles in controlled environments and in crocodile waterways in teams, harvesting eggs. While this unit relates mostly to saltwater crocodiles, it may also entail incidents 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. Licences or permits may be required for the use of firearms or restricted drugs on crocodiles or if operating vehicles.  No licensing, legislative or certification requirements apply to this unit at the time of publication. |
| Use Prerequisite Unit | Nil |
| Unit Sector | Crocodile |

| Elements | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 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 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 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 observing waterway safety practices  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 |
| 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 crocodile egg welfare and biosecurity guidelines are followed |
| 4. Conduct crocodile egg harvesting in a controlled environment | 4.1 Establish team activity so that at least one team member watches the female crocodile in the pen while the other approaches the crocodile's nest cautiously  4.2 Access crocodile eggs, marking the uppermost surface of each egg with a non-toxic indelible mark while it is still in the nest  4.3 Keep the eggs horizontal, pack them in material to restrict them from rolling and place them in a collection crate or box  4.4 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  4.5 Take the box or crate of crocodile eggs to a crocodile hatchery facility |
| 5. Conduct crocodile harvest debrief processes | 5.1 Participate in a crocodile egg harvesting debrief session  5.2 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. | |
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| Skill | Description |
| Oral communication | * Communicate clearly and succinctly * Communicate in a culturally sensitive manner |

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

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| 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 |
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| Performance Evidence | |
| An individual demonstrating competency must satisfy all of the elements, performance criteria and foundation skills in this unit.  There must be evidence that the individual has:   * harvested crocodile eggs with at least one extra person on at least one occasion from the wild * harvested crocodile eggs with at least one extra person on at least one occasion from a controlled environment   In doing the above, evidence must also include:   * observing crocodile risk and safety standards * treating crocodiles humanely * handling crocodile eggs with care * observing regulation associated with crocodiles * observing biosecurity guidelines * observing health and safety guidelines * communicating with relevant parties. | |

| Knowledge Evidence |
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| 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:   maintaining temperature control  packing eggs in material (nest vegetation, vermiculite) that will restrict rolling and maintain humidity  maintaining adequate ventilation in the transport container   * crocodile breeding behaviour * 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  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 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  wherever possible parking vehicles at least 5 meters from the water's edge and in a clear area  carrying some form of communication equipment  being careful when walking through long grass   * state and territory regulation associated with crocodile waterways and crocodile activity * biosecurity guidelines for crocodile waterways:   not contaminating waterways  observing standard operating procedures (SOPs). |

| Assessment Conditions |
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| Assessment of skills 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 crocodile waterways and crocodile nests * access to crocodiles in controlled environments * access to crocodile safety documentation, policies and procedures   equipment required for crocodile egg harvesting in the wild  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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