Modification history

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

| SFICRO2X5 | Work safely in crocodile waterways |
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| Application | This unit of competency describes the skills and knowledge required to work safely in crocodile waterways. The unit applies to individuals who work in various capacities in Northern Australian waterways, where crocodiles are found. 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 | Crocodiles  |

| Elements | Performance Criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Identify crocodile species and habitat | 1.1 Determine the key characteristics of various crocodile species 1.2 Identify crocodile habitat waterways  |
| 2. Research crocodile behaviour in the wild  | 2.1 Determine behavioural patterns of saltwater crocodiles in the wild and compare to other crocodile species 2.2 Research the key drivers that affect crocodile behaviour in the wild  |
| 3. Plan work procedures to meet crocodile safety requirements in waterway areas  | 3.1 Plan safe waterway procedures to meet work requirements3.2 Obtain information about humane treatment of crocodiles and crocodile risk factors in remote waterway environments 3.3 Observe all safety requirements in accordance with crocodile waterway safety procedures 3.4 Observe biosecurity issues associated with working in crocodile waterways in accordance with crocodile waterway legislation or regulation 3.5 Carry communication equipment and know how to use it when in remote waterway environments  |

| Foundation SkillsThis 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 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 |
| SFICRO2X5 Work in crocodile waterways  | 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 SFICRO2X5 Work safely in crocodile waterways |
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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:* observed safe crocodile waterway procedures on at least five different occasions

In doing the above, evidence must also include:* identifying the differences in crocodile species
* treating crocodiles humanely
* observing crocodile risk and safety standards and notices
* observing legislation and regulation associated with crocodiles
* observing biosecurity guidelines.
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| 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:* the existence of different ‘crocodilian’ species, including:
* estuarine/saltwater crocodiles - Crocodylus porosus
* fresh-water crocodiles - Crocodylus johnstoni
* alligators
* gharials and caimans
* the characteristics of saltwater crocodiles and freshwater crocodiles, including:
* the difference in crocodile species' sizes
* differences in diet
* different features and behaviour
* crocodile behavioural patterns, including:
* mating patterns
* male territorial hierarchy
* how they hunt and attacktheir prey
* food storage in mangroves or submerged logs
* the animal's ability to move quietly through water with their tails with barely a ripple to give away their presence
* energy levels
* 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
* key drivers that affect crocodile behaviour, including:
* male to female ratios
* predators
* hunger
* territorial/hierarchy issues
* use of communication equipment
* 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)* crocodile waterway safety procedures, including:
* not working in known crocodile habitats unless absolutely unavoidable
* maintaining a minimum safety distance from crocodiles of at least 25 meters
* obeying crocodile warning signs
* never provoking, harassing or interfering with crocodiles.
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| 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
* access to crocodile safety material

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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