



Australian Government

SISOFLD002 Minimise environmental impact

Release: 1

SISOFLD002 Minimise environmental impact

Modification History

Not applicable.

Application

This unit describes the performance outcomes, skills and knowledge required to implement predetermined minimal environmental impact practices while delivering outdoor recreation activities. Environmental impact includes that to the natural environment and to Indigenous and non-Indigenous heritage and cultural sites.

References to land managers and land management are used for simplicity and can equally apply to other environments such as marine locations.

This unit applies to any type of organisation that delivers outdoor recreation activities including commercial, not-for-profit and government organisations.

It applies to all delivery personnel working at any level including support staff and assistants, and leaders including guides and instructors.

No occupational licensing, certification or specific legislative requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Field Operations

Unit Sector

Outdoor Recreation

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes

1. Determine environmental impacts of outdoor recreation activities.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1. Interpret organisational minimal impact plans, practices and codes for the specific outdoor recreation activity.
- 1.2. Identify potential environmental impacts caused by activity and identify specific causes.
- 1.3. Evaluate consequences of impact on the environment

- including heritage or cultural sites.
2. Communicate minimal impact practices to participants.
 - 2.1. Explain aims of minimal impact plans and practices to activity participants.
 - 2.2. Communicate unique aspects of the setting and potential impacts of activities.
 - 2.3. Provide clear participant instructions for minimal impact practices and any cultural protocols for heritage or cultural sites.
 - 2.4. Monitor participant adherence to practices and assertively correct breaches.
 3. Conduct activities with minimal impact.
 - 3.1. Follow organisational minimal impact plans, practices and codes throughout all activities.
 - 3.2. Comply with conditions of land manager permits and permissions that relate to location usage and practices.
 - 3.3. Use equipment in a manner that reduces impact on the natural environment.
 - 3.4. Demonstrate appropriate behaviour toward the environment when interacting with participants.
 - 3.5. Utilise heritage or cultural sites according to land management requirements and codes.
 - 3.6. Note and report any inappropriate practices to relevant personnel and provide suggestions for improvement.

Foundation Skills

Foundation skills essential to performance in this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.

SKILLS	DESCRIPTION
Reading skills to:	- interpret detailed and sometimes unfamiliar documents and information which can include: - organisational minimal impact plans, practices and codes - land management permits, permissions and conditions.
Oral communications skills to:	- provide clear and unambiguous instructions to participants using language and terms easily understood - ask open and closed probe questions and actively listen to determine participants' understanding of instructions.
Initiative and enterprise skills to:	identify any organisational deficits in minimal impact practices and suggest improvements.

- Teamwork skills to:
- pro-actively and cooperatively work within teams of activity leaders and support staff to manage environmental impacts during activities.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume Implementation Guides -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1ca50016-24d2-4161-a044-d3faa200268b>

Assessment Requirements for SISOFLD002 Minimise environmental impact

Modification History

Not applicable.

Performance Evidence

Evidence of the ability to complete tasks outlined in elements and performance criteria of this unit in the context of the job role, and:

- for a particular setting in which outdoor recreational activities are delivered:
 - source information on the environmental, cultural and heritage characteristics of the setting and any unique aspects, and organise into a portfolio
 - provide information in a brief written or verbal report on potential causes and consequences of environmental damage as they relate to two different types of outdoor recreation activities
- interact with participant groups during the delivery of three recreational activity sessions
- during each of the three sessions:
 - promote practices that minimise impact on both the natural environment and cultural and heritage sites
 - ensure compliance of self and participants with organisational plans, practices and codes of conduct for minimal environmental impact
- utilise options provided in Assessment Conditions to identify organisational deficits in minimal impact practices and incorporate suggested improvements in debriefs or reports.

Knowledge Evidence

Demonstrated knowledge required to complete the tasks outlined in elements and performance criteria of this unit:

- specific to particular types of outdoor recreation activities:
 - the key contents of minimal impact codes, standards or guidelines issued by industry associations, land management authorities, Indigenous custodians, or other stakeholders and how these can be adopted by organisations
- for a particular setting in which outdoor recreational activities are delivered:
 - organisational plans, practices and codes of conduct for minimal environmental impact
 - conditions of any land manager, owner or Indigenous custodian permits or permissions that relate to:
 - parameters of location use for recreational activities: area restrictions, dispersal of use, allowable activity types, locations, times, participant numbers
 - the use of appropriate minimal environmental practices and cultural protocols
 - basic features of ecological systems and their interrelationships sufficient to understand the overall environmental characteristics of the setting

- specific problems of fragile environments and threatened species
- characteristics and sensitivities of unique aspects including those for cultural and heritage sites
- potential causes and consequences of environmental damage as they relate to specific types of outdoor recreation activities:
 - use of equipment
 - human impact
 - equine impact, as relevant
 - impact of transportation to and from activity sites
- typical organisational minimal impact practices which activity assistants, support staff and leaders must implement in the field:
 - avoiding sensitive areas
 - ensuring restricted areas are not accessed
 - following pre-determined access routes to transport participants and equipment
 - keeping to marked tracks or routes
 - using low impact equipment
 - ensuring cultural protocols are used at cultural and heritage sites
 - ensuring participants don't damage or take souvenirs from natural, cultural or heritage sites
 - implementing basic biosecurity measures to limit the spread of pests and diseases
 - using appropriate general and human waste disposal methods.
- methods used to communicate minimal impact practices to participants including through briefings, conversations, demonstrations and instruction.

Assessment Conditions

Skills must be demonstrated in a setting where outdoor recreation activities are delivered and where there is at least one cultural or heritage site present.

Assessment must ensure use of:

- a group of participants with whom the individual interacts
- real workplace situations, or simulated activities, or case study scenarios that test aspects of this unit that involve identifying and reporting on organisational deficits in minimal impact practices
- equipment specific to the particular type of outdoor recreation activity
- minimal impact codes, standards or guidelines issued by industry associations, land management authorities, Indigenous custodians or other stakeholders
- organisational plans, practices and codes of conduct for minimal environmental impact
- permits or permissions and conditions that relate to the use of appropriate minimal environmental practices and cultural protocols.

Assessors must satisfy the Standards for Registered Training Organisations requirements for assessors, and:

- have a collective period of at least three years' experience as a recreational activities leader, guide or instructor, where they have applied the skills and knowledge covered in this unit of competency; the three years' experience can incorporate full and or part time experience.

Links

Companion Volume Implementation Guides -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1ca50016-24d2-4161-a044-d3faa200268b>