



Australian Government

Department of Education, Employment and Workplace Relations

SISOTBR304A Guide off-highway motorcycle tours

Release: 2

SISOTBR304A Guide off-highway motorcycle tours

Modification History

Not Applicable

Unit Descriptor

This unit describes the performance outcomes, skills and knowledge required to guide participants on off-highway motorcycle tours. This unit focuses on the application of planning skills to make suitable arrangements to safely guide groups on day and or overnight off-highway motorcycling trips.

Application of the Unit

This unit applies to off-highway motorcycling guides who are responsible for planning, implementing and evaluating off-highway day and or overnight motorcycling tours on tracks and trails that may include complex and non-routine situations.

This may apply to those working as leaders for private dirt bike schools or clubs, outdoor education or adventure providers, volunteer groups, not for profit organisations or government agencies.

Licensing/Regulatory Information

Licensing, regulatory or certification requirements apply to this unit at the time of endorsement.

Under State and Territory legislation, Road and Traffic Authorities apply legislation and regulatory requirements in regards to public roads and land.

Pre-Requisites

SISOTBR201A Select, set up and maintain an off-highway motorcycle

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements and Performance Criteria

ELEMENT

PERFORMANCE CRITERIA

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the Evidence Guide.

1. Plan an off-highway motorcycling trip.

- 1.1. Conduct relevant assessments to determine the ***condition of participants***.
- 1.2. Develop a tour ***plan*** according to participant's needs, ***relevant legislation*** and ***organisational policies and procedures***.
- 1.3. Select an appropriate location to suit abilities and ***group objectives*** according to relevant legislation and organisational policies and procedures.
- 1.4. Identify potential ***hazards*** and ***obstacles*** associated with off-highway motorcycling and procedures to minimise ***risks***.
- 1.5. Access ***relevant sources*** to interpret detailed ***weather and environmental information*** and determine tour plan.
- 1.6. Determine ***food and water requirements*** according to ***contextual issues*** of the tour.
- 1.7. Obtain permits or permission for access and notify appropriate authority where required, before commencing the motorcycling tour.

2. Select equipment for the group.

- 2.1. Select ***off-highway motorcycles*** and ***equipment*** according to rider's needs and characteristics, proposed conditions, relevant legislation and organisational policies and procedures.
- 2.2. Perform routine ***pre-departure checks*** on motorcycles and correct any deficiency according to manufacturer's specifications and organisational policies and procedures.
- 2.3. Fit and adjust equipment and ensure suitability to the participant and motorcycle.
- 2.4. Waterproof and pack equipment that is not required on hand and load in a suitable manner.
- 2.5. Check safety and repair equipment to ensure

ELEMENT	PERFORMANCE CRITERIA
	suitability to group and planned trip.
3. Brief participants.	3.1. Communicate instructions and relevant information about the tour in a manner suitable to the participants. 3.2. Outline logistical details and safety procedures for the tour. 3.3. Establish a suitable communication system for participants to use during motorcycle tour. 3.4. Explain symptoms, treatment and prevention of hypothermia, hyperthermia and dehydration to group to assist in self-monitoring. 3.5. Demonstrate correct packing of a motorcycle with gear appropriate to proposed trip. 3.6. Check and confirm participants are properly equipped for the tour.
4. Lead off-highway motorcycle tour.	4.1. Evaluate conditions and provide clear and concise direction and advice to group during the tour. 4.2. Identify potential hazards and the best lines through hazards according to group ability and organisational policies and procedures. 4.3. Manage the movement of the group to maintain the safest situation when negotiating hazards and obstacles. 4.4. Implement appropriate modifications to tour in regard to all variable factors that are monitored. 4.5. Conduct routine and non-routine motorcycle maintenance checks and repairs in the field.
5. Complete post-tour responsibilities.	5.1. Notify relevant authority of trip completion 5.2. Retrieve, inspect, repair and store equipment according to organisational policies and procedures. 5.3. Evaluate relevant aspects of motorcycle tour. 5.4. Identify potential modifications for future motorcycle tours. 5.5. Review own performance and identify improvements.

Required Skills and Knowledge

This section describes the skills and knowledge required for this unit.

Required skills

- communication skills to:
 - consult with participants to plan off-highway motorcycling tours that meet their needs
 - convey information about the safety and logistical aspects of the tour
 - set up effective communication systems with participants
 - interact with participants to create a safe and positive environment
- problem-solving skills to:
 - plan suitable day and or overnight tours according to participant's needs and abilities
 - make decisions about potential hazards, obstacles and risks
 - conduct pre and post tour checks and maintenance on motorcycles
 - modify aspects of tour according to all variable factors and non-routine situations
- planning and organising skills to:
 - source, allocate and coordinate suitable motorcycles, equipment and location
 - organise participants into manageable groups for off-highway motorcycling
- language and literacy skills to:
 - produce tour plans
 - complete post tour participant and self evaluations
- first aid, maintenance and emergency response skills appropriate to off-highway motorcycling to enable initial response in emergencies.

Required knowledge

- legislation and organisational policies and procedures to enable safe conduct of activities
- legislation and organisational policies and procedures to adhere to relevant road and traffic acts
- motorcycling codes and rider etiquette to understand motorcyclist's rights and responsibilities and maintain safety of other riders and motorists
- location specific information to assist in the planning process and enable management of potential hazards and any special restrictions applying to the area
- equipment and motorcycle types, construction features, characteristics and technology used for off-highway motorcycling and the advantages and disadvantages of the range of equipment to enable appropriate selection, use and maintenance
- personal and protective motorcycling gear and the design and or construction features that make it appropriate for off-highway motorcycling activities
- maintenance tools and spare parts to conduct routine and non-routine maintenance

checks and repairs

- common communication methods used between motorcyclists and motorists
- off-highway motorcycling techniques used according to different conditions of tracks and trails
- hazards, obstacles and risks associated with off-highway motorcycle touring and how to negotiate these
- sources of weather and environmental information to ascertain possible conditions and their affect on the activity
- emergency and first aid procedures relevant to the location to ensure risk minimisation to self and others.

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Evidence of the following is essential:

- plans effectively within tour constraints and guides and monitors group to maintain safety and group cohesion
- applies effective modifications and contingency management techniques to deal with a range of problems or variable factors that arise during off-highway motorcycling tours
- encourages and responds to group feedback and evaluates and reflects on own guiding performance to identify strengths, weaknesses and areas that need improvement.

Context of and specific resources for assessment

Assessment must ensure leading day and or overnight off-highway motorcycling tours that are of sufficient breadth and duration to demonstrate competency and consistency of performance.

Assessment must also ensure access to:

- a location with suitable tracks and trails for day and or overnight off-highway motorcycle tours
- participants to take part in tour
- off-highway motorcycles and equipment such as helmets, lights, reflectors, protective clothing and footwear
- resources and information regarding participants and location to accurately plan, guide and document off-highway motorcycling tours for a variety of participants.

Method of assessment

A range of assessment methods should be used to assess practical skills and knowledge. The following examples are appropriate for this unit:

- observation of interacting with participants, including conveying information for safe participation
- oral or written questioning to assess knowledge of the application of relevant legislation and organisational policies and procedures to enable safe conduct of all off-highway motorcycling activities throughout tour
- observation of dealing with contingencies such as

changing weather conditions and equipment failure

- review of motorcycling tour plans
- third-party reports from a supervisor detailing performance.

Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended, for example:

- SISOOPS202A Use and maintain a temporary or overnight site.

Range Statement

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Condition of participants may include:

- skill and fitness level
- previous off-highway motorcycling experience
- physical capabilities
- age
- injuries and illnesses.

Plan may include:

- tour aims and objectives
- date, time and duration
- location and route
- guide and participant ratios
- equipment and resources
- food and water
- weather details
- participant information
- safety and emergency requirements
- risk management plan
- contingency management plan.

Relevant legislation may include:

- roads and traffic Acts
- occupational health and safety
- permits or permission for access
- environmental regulations.

Organisational policies and procedures may include:

- occupational health and safety
- use and maintenance of motorcycles and equipment
- communication protocols
- risk management procedures
- environmental impact minimisation procedures
- noise level requirements
- time and budget constraints
- confidentiality of participant information
- code of ethics.

Group objectives may include:

- self improvement
- meeting people
- fitness targets

Hazards may include:

- skill acquisition
- adventure and recreation.
- temperature extremes
- slippery or unstable terrain
- dangerous animals and insects
- stinging trees and nettles
- dense vegetation
- group management hazards.

Obstacles may include:

- bridges
- water on road
- trees, bushes and roots
- bumps
- depressions and pot holes
- drainage grates
- ascents and descents.

Risks may include:

- hypothermia
- heat exhaustion
- injuries
- exhaustion
- lost party or party member
- equipment failure.

Relevant sources may include:

- bureau of meteorology
- media
- national parks and wildlife centres
- police.

Weather and environmental information may include:

- satellite images
- daily and weekly forecasts
- maximum and minimum temperatures
- weather warnings
- event warnings
- river levels
- synoptic charts
- high and low tide predictions.

Food and water requirements may include:

- range of foods:
- perishability
- hydration.

Contextual issues may include:

- weather conditions, including times
- season
- transport
- location
- trip distance and duration

Off-highway motorcycle may include:

- group objectives
- group size.
- off-highway motorcycles
- trailers
- farm or agriculture motorcycles.

Equipment may include:

- helmet
- safe footwear
- protective clothing or body armour
- eye protection
- knee and elbow guards
- kidney belt
- gloves
- overnight resources.

Pre-departure checks may include:

- chain or drive shaft
- controls and cables
- lights and electrics
- oil and fuel
- spoke tension
- chassis
- suspension
- brakes
- tyres and wheels.

Relevant information may include:

- personal equipment requirements
- safety and emergency procedures
- possible hazards and obstacles
- minimal environmental impact practices
- off-highway motorcycling techniques
- objectives
- logistical details
- responsible and safe behaviour.

Safety procedures may include:

- use of first aid, safety and repair equipment
- symptoms, treatment and prevention of common motorcycling incidents or risks
- safe areas and or boundaries
- guide or participant ratios
- contingency and risk management plans.

Communication system may include:

- calls
- radio
- hand signals

Variable factors may include:

- change of weather
- equipment failure

Maintenance may include:

- participant's needs
- environmental conditions.
- fluid levels
- air cleaner
- fuel and oil filters
- spoke tension
- engine lubrication
- steering and electrical system
- brake checks and adjustment
- gear checks and adjustment.

Relevant aspects may include:

- objectives
- planning process
- activity site
- weather
- equipment selection
- clothing selection
- food selection
- instructional content
- instructional technique
- group feedback
- directing techniques.

Unit Sector(s)

Outdoor Recreation

Competency Field

Trail Bike Riding