



Australian Government

SISOEQU011 Manage horse illness and injury in remote areas

Release: 2

SISOEQU011 Manage horse illness and injury in remote areas

Modification History

Unit Release 2. Pre-requisite unit updated.

Application

This unit describes the performance outcomes, skills and knowledge required to assess horse illness and injury and to provide emergency treatment in situations where veterinary care is not readily available.

This unit applies to outdoor recreation operators and to guides and trail bosses who are responsible for the welfare of horses when on remote area trail rides.

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

Pre-requisite Unit

RGRPSH308 Provide first aid and emergency care for horses or other equines.

Competency Field

Equine

Unit Sector

Outdoor Recreation

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Assess the situation and horse condition.	1.1. Recognise symptoms of illness or injury, use safe practices to calm and restrain horse and assess severity of condition. 1.2. Identify hazards promptly, and manage to avoid injury to self, others and horses. 1.3. Access available first aid equipment and determine suitability to treat illness or injury. 1.4. Ascertain need for and availability of veterinary advice. 1.5. Determine ability of veterinarian to attend site or ability to return horse to base.

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|----------------------------------|--|
| 2. Treat illness or injury. | <ul style="list-style-type: none">2.1. Make contact with base and veterinarian as required.2.2. Relay accurate factual information about horse illness or injury.2.3. Improvise use of available first aid and other resources according to needs of sick or injured horse.2.4. Use infection control practices to prevent infection from horse.2.5. Administer emergency treatments independently or according to veterinarian instructions.2.6. Nurse horse to reduce impact of shock, distress and pain.2.7. Isolate horse if contagious or zoonotic disease is suspected and alert base of need to report. |
| 3. Monitor horse condition. | <ul style="list-style-type: none">3.1. Monitor and record horse vital signs at regular intervals.3.2. Monitor horse condition and response to treatment; record observations and treatments.3.3. Report ongoing horse condition to base and seek ongoing input of veterinarian, as required.3.4. Continue with treatments, adjusting as required to ensure health and safety of horse.3.5. Assess need to evacuate or euthanise horse and alert base to implement procedures if required. |
| 4. Debrief and complete reports. | <ul style="list-style-type: none">4.1. Participate in incident management de-brief and identify future response improvements.4.2. Complete required incident and treatment reports according to organisational procedures. |

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 familiar organisational policies and procedures for providing emergency horse treatment.

Writing skills to:

- record detailed and accurate factual information about horse illness and injury and treatments using correct terminology to describe anatomy, physiology and condition.

- Oral communication skills to:
- make accurate verbal reports about horse injuries and health problems using correct terminology to describe anatomy, physiology and condition.
- Self-management skills to:
- critically analyse all circumstances and implications to coordinate a considered response to horse illness and injury in remote locations.

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 SISOEQU011 Manage horse illness and injury in remote areas

Modification History

Unit Release 2. Pre-requisite unit updated.

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:

- provide emergency treatments to horses suffering illness or injury or according to scenarios during simulated activities involving well horses
- identify symptoms, assess horse condition, and select and provide treatments for:
 - allergic reactions
 - wounds
 - bleeding
 - bruising
 - inflammation
 - colic
 - unidentified illness
 - distress and shock
 - pain
- administer real or mock medications according to dose instructions to include:
 - oral medications
 - intramuscular injections
- monitor horse response to three different real or scenario based treatments and adjust treatments
- measure and record the following vital signs for three different horses:
 - temperature level
 - heart rate (pulse)
 - respiration rate
 - capillary refill time
 - hydration status
- during all activities, consistently use safe horse handling and restraint techniques, and infection control practices
- write a brief plan for the emergency evacuation of a sick or injured horse from a remote location for a scenario based event
- complete three emergency treatment reports and three incident reports for real or scenario based events for three different horse injuries or illnesses.

Knowledge Evidence

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

- organisational policies and procedures for:
 - providing emergency horse treatment
 - horse euthanasia
- safe horse handling and restraint techniques specific to handling sick or injured horses
- methods for safely moving around a recumbent horse
- common circumstances where a horse may become trapped and common responses after release
- hygiene and personal protection practices to prevent infection from sick or injured horses
- practices for safely disposing of clinical waste and hypodermic needles and syringes
- biosecurity measures for contagious or zoonotic diseases including practices for isolation, use of personal protection equipment and reporting requirements
- common ailments and injuries, including correct terminology, that occur in remote outdoor areas involving demanding terrain or heavy horse workloads
- signs and symptoms of horse illness, injury and distress:
 - behavioural
 - physiological
- vital signs to include temperature levels, heart rate (pulse) respiration rate, capillary refill time and hydration status for horses:
 - when resting
 - when under exertion
 - that indicate illness, stress, pain or shock
- treatment options for:
 - allergic reactions
 - wounds
 - bleeding
 - bruising
 - inflammation
 - dehydration
 - colic
 - unidentified illness
 - distress and shock
 - pain
- features, functions and use of emergency communication equipment.

Assessment Conditions

Skills can be demonstrated in any environment where emergency treatment is provided to horses. This does not need to be a remote area provided simulated activities and scenarios concentrate on the significance of remote area circumstances.

Horse matching prior to all assessments involving horse interaction is essential. Assessors must:

- complete, participate in or validate a risk assessment of the candidate's characteristics and level of horse handling skills
- match, or validate the matching of, horses of suitable history, size and temperament to the candidate to ensure that handler and horse combination is safe.

Assessment must ensure use of:

- calm, consistent and obedient horses, matched to the candidate as above, and which can be ill or injured or can be healthy and used for simulated activities
- communication equipment for emergency response
- equine first aid kit
- personal protective equipment used when treating horses
- real or mock equine medications
- dosage and disposal instructions for equine medications
- template:
 - emergency treatment reports
 - incident reports
- organisational policies and procedures for:
 - providing emergency horse treatment
 - horse euthanasia.

Assessment must ensure access to:

- human first aid equipment
- other people with whom the individual can interact which can include other staff and veterinarians.

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

- hold a qualification or Statement of Attainment which includes this unit of competency, SISOEQU011 Manage horse illness and injury in remote areas, or a qualification or Statement of Attainment which includes a unit of competency that has been superseded by this unit, and
- have at least three years' experience in a role involving the emergency treatment of horses where they have applied the skills and knowledge covered in this unit of competency.

Links

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