



Australian Government

RGRTRK402 Relate animal welfare to track and environmental conditions

Release: 1

RGRTRK402 Relate animal welfare to track and environmental conditions

Modification History

Release	Comments
Release 1	This version released with RGR Racing and Breeding Training Package Version 2.0.

Application

This unit of competency describes the skills and knowledge required to relate the injuries and performance of racing animals to external conditions and present options for improving performance and safety.

The unit applies to individuals who use specialised knowledge and analytical techniques to assess track and environmental conditions in greyhound, harness or thoroughbred codes of the racing industry.

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

Pre-requisite Unit

Nil

Unit Sector

Track management (TRK)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Relate animal physiology to environmental conditions	1.1 Research animal cooling mechanisms and relate efficiency to ambient temperature and humidity 1.2 Investigate influence of other climatic conditions on animal performance
2. Relate animal	2.1 Investigate impact of digestive, respiratory and nervous distress

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
performance to common racing veterinary conditions	and illnesses on animal performance 2.2 Connect common racing veterinary conditions to track and environmental conditions
3. Relate animal injuries and performance to track design and surfaces	3.1 Determine relationship between track camber and tightness of turns to performance injuries 3.2 Review relationship between track density and track materials to performance injuries 3.3 Relate grading, mowing and watering techniques to animal performance 3.4 Determine the impact of weather on track surfaces and animal performance
4. Evaluate track and environmental conditions and options to improve animal performance and safety	4.1 Measure track density and moisture content and interpret results using standard industry tools 4.2 Measure ambient temperature and humidity and interpret results 4.3 Determine track rating using industry standard definitions 4.4 Analyse options for improving track conditions for optimal greyhound or horse performance and safety 4.5 Analyse overall weather conditions to determine whether racing can continue 4.6 Submit justification for adjusting or not adjusting track or environmental conditions to stakeholders

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.

Skill	Description
Reading	Consolidate, interpret and critically analyse technical information from a range of industry sources to determine findings
Numeracy	Interpret results obtained from measuring track and environmental conditions using industry tools and equipment
Navigate the world of	Follow racing industry regulations and workplace procedures,

Skill	Description
work	including safety and animal welfare requirements, and meet expectations relating to own role and area of responsibility
Interact with others	Follow racing industry protocols and practices when communicating with stewards, racing officials, and licensed and registered personnel
Get the work done	Collect and analyse evidence systematically, justifying decision-making processes and outcomes

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
RGRTRK402 Relate animal welfare to track and environmental conditions	RGRTRK402A Relate animal welfare to track and environmental conditions	Updated to meet Standards for Training Packages. Changes to some elements and performance criteria for clarity.	Equivalent unit

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5c4b8489-f7e1-463b-81c8-6ecce6c192a0>

Assessment Requirements for RGRTRK402 Relate animal welfare to track and environmental conditions

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Performance Evidence

An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit. There must be evidence that the individual has determined relationships between animal performance and track and environmental conditions for relevant code, including:

- researched information on animal physiology, performance and injuries
- determined track ratings and condition using basic technology for two race tracks
- analysed relationship between animal injuries and performance to track design and surfaces for three animals or realistic case studies
- evaluated track and environmental conditions and options to improve animal performance and safety for three animals or realistic case studies.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- animal cooling mechanisms and factors that affect hydration status of racing animals
- clinical signs in racing animals of common veterinary conditions related to:
 - digestive, respiratory and nervous systems
 - lameness
- climatic conditions impacting on track condition and animal performance, and relevant rules of racing and animal welfare relating to weather conditions
- features of track construction and design impacting on animal performance
- track ratings and condition and impact on animals, including:
 - track camber and tightness of turns
 - track materials and density
 - grading or mowing and watering techniques
- types and purpose of equipment for measuring environmental and track conditions, and procedures for their operation and maintenance
- process for determining track ratings

- factors to consider for adjusting or not adjusting track or environmental conditions, including:
 - animals
 - general public
 - image of racing
 - options that are feasible or not feasible within time available, budget or resource constraints
- racing industry standards and expectations relevant to track and environmental conditions, including:
 - workplace health and safety and environmental requirements
 - animal welfare requirements.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a racetrack or training track or an environment that accurately reflects performance in a real workplace setting
- resources, equipment and materials:
 - resources, equipment and materials relevant to assessing individual's ability to relate animal welfare to track and environment conditions, including DVDs or videos of animal locomotion, standard industry tools, veterinary reports, scans and X-rays.

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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