



**Australian Government**

# **RGRTRK403 Maintain specialised non-turf track surfaces for racing**

**Release: 1**

# RGRTRK403 Maintain specialised non-turf track surfaces for racing

## 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 manage and renovate specialised non-turf track surfaces for racing, using specialised materials, machinery and equipment.

The unit applies to individuals who plan and prepare budgets and liaise with staff and contractors in the maintenance of specialised non-turf track surfaces in racing environments.

All work must be carried out to comply with workplace procedures, in accordance with applicable state/territory animal welfare and workplace health and safety legislative requirements.

No occupational licensing, legislative 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. Compare specialised track materials           | 1.1 Recognise features of track construction and design<br>1.2 Evaluate track materials for subsoil compatibility, as well as climatic, drainage and durability management considerations |

| Elements                                         | Performance Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                  | <p>1.3 Assess specialised track materials for environmental sustainability and economic viability</p> <p>1.4 Compare strategies for managing a range of common track problems, including animal welfare, for specialised track surfaces</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2. Manage specialised track surfaces             | <p>2.1 Select and prepare machinery and equipment for track maintenance operations according to manufacturer or supplier directions, workplace health and safety requirements and workplace procedures</p> <p>2.2 Evaluate track camber, fall and surface depth for relevant racing code</p> <p>2.3 Plan daily, weekly and race day meeting care requirements and carry out nominated specialised track surfaces, complying with manufacturer or supplier specifications and directions</p> <p>2.4 Measure track density and moisture content, and declare track rating</p> <p>2.5 Plan and carry out minor repairs to nominated specialised track surfaces according to manufacturer or supplier and supervisor's directions</p> |
| 3. Renovate specialised track surfaces           | <p>3.1 Plan renovation and create and present budget to supervisor for approval</p> <p>3.2 Select, order and prepare materials and equipment for track renovation</p> <p>3.3 Engage contractor or instruct staff on maintenance procedures according to manufacturer specifications and directions, workplace health and safety requirements and workplace procedures</p>                                                                                                                                                                                                                                                                                                                                                         |

## 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 | <ul style="list-style-type: none"> <li>Interpret key information in workplace and other documentation and consolidate to determine specialised track management</li> </ul> |

| Skill                      | Description                                                                                                                                                                                                                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | activities and requirements                                                                                                                                                                                                                                                                                                         |
| Writing                    | <ul style="list-style-type: none"> <li>Prepare documentation using workplace formats and accurate terminology to convey explicit information and requirements for track maintenance</li> </ul>                                                                                                                                      |
| Numeracy                   | <ul style="list-style-type: none"> <li>Perform mathematical calculations to interpret data relating to track surface components, and material quantities and costs related to track surfaces</li> </ul>                                                                                                                             |
| Oral communication         | <ul style="list-style-type: none"> <li>Use clear language, tone and pace appropriate for the audience and purpose when gathering and relaying information related to race meeting track requirements</li> </ul>                                                                                                                     |
| Navigate the world of work | <ul style="list-style-type: none"> <li>Take full responsibility for following workplace policies and procedures and regulations, including workplace health and safety and environmental requirements</li> </ul>                                                                                                                    |
| Interact with others       | <ul style="list-style-type: none"> <li>Collaborate with others, sharing information to build strong work groups and behaviours that are conducive to a productive environment</li> </ul>                                                                                                                                            |
| Get the work done          | <ul style="list-style-type: none"> <li>Plan, prioritise and organise staff and resources to assist with track management activities</li> <li>Make routine decisions and address less predictable and complex problems by applying problem-solving processes in determining solutions to maintain non-turf track surfaces</li> </ul> |

## Range of Conditions

*This section specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the individual, accessibility of the item, and local industry and regional contexts) are included.*

|                                                                         |                                                                                                                                                                   |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specialised track materials must include at least one of the following: | <ul style="list-style-type: none"> <li>sands</li> <li>soils</li> <li>fine crushed rock</li> <li>road base or similar</li> <li>synthetic or artificial.</li> </ul> |
| Racing code must include at least one of the following:                 | <ul style="list-style-type: none"> <li>greyhound</li> <li>harness</li> <li>thoroughbred.</li> </ul>                                                               |

## Unit Mapping Information

| Code and title current version                                       | Code and title previous version                                       | Comments                                                                                                                                           | Equivalence status |
|----------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| RGRTRK403<br>Maintain specialised non-turf track surfaces for racing | RGRTRK302A<br>Maintain specialised non-turf track surfaces for racing | Updated to meet Standards for Training Packages.<br><br>Minor changes to title and performance criteria for clarity and to reflect job role level. | 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 RGRTRK403 Maintain specialised non-turf track surfaces for racing

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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, on at least one occasion for the relevant racing code, the individual has:

- assessed specialised track materials and conditions and compared requirements
- planned and organised equipment and resources for maintenance and repair of specialised track
- planned materials, resources and budget, and engaged contractors for track renovation works
- maintained specialised non-turf track surface using appropriate equipment and safe work practices.

### 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:

- specialised non-turf track base and surface materials suitable for greyhound, harness or thoroughbred training and racing, including:
  - sands and soils
  - fine crushed rock, road base or similar
  - synthetic or artificial
- features of specialised track construction, including:
  - type of base and thickness of base and surface materials
  - compressive strength
  - subgrade layer preparation
  - stability of materials
  - track camber, fall and surface depth
- considerations in maintaining specialised non-turf track surfaces:
  - track construction

- track materials
- environmental and sustainability
- economic
- types of equipment required for specialised tracks, and procedures for their operation, relevant to racing code
- consumables and materials relevant to track maintenance
- regular maintenance requirements for non-turf tracks relevant to racing code, including daily, weekly and race day meeting care requirements
- racing industry animal welfare requirements relevant to track surfaces, including:
  - animal injuries
  - animal gait abnormalities
- workplace procedures for:
  - routine maintenance
  - engaging contractors
  - procurement of resources
  - workplace health and safety
  - environment and sustainability.

## Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
  - training and racetracks with specialised non-turf track surfaces for relevant racing code
- resources, equipment and materials:
  - materials and equipment relevant to assessing the individual's ability to maintain specialised non-turf track surfaces for relevant racing code
- specifications:
  - work instructions and related documentation.

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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