

<b>Title</b>	<b>Demonstrate understanding of the characteristics and requirements of sports turf surfaces</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	<p>This unit standard is for people working in a sports turf context.</p> <p>People credited with this unit standard are able to: demonstrate understanding of the way in which the natural environment is modified for sports turf use, and assess a site for suitability for a selected sports turf use; demonstrate understanding of the visual and functional quality of turf; identify the playing quality characteristics of major sports turf surfaces; and relate the rules of major sports to their surface preparation requirements.</p>
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<b>Classification</b>	Sports Turf > Sports Turf Management
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<b>Available grade</b>	Achieved
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### Guidance Information

#### Definition

In the context of this unit standard, *understanding* means that there should be evidence of a learner’s thorough comprehension of a topic. A learner with a good understanding of a topic should have applied, or should be able to apply what they have learnt to a workplace situation and will be able to alter their practices to the different contexts they are applying their learning to. Assessors should be confident that the learner’s understanding is embedded in their practices and behaviour.

### Outcomes and performance criteria

#### Outcome 1

Demonstrate understanding of the way in which the natural environment is modified for sports turf use, and assess a site for suitability for a selected sports turf use.

#### Performance criteria

1.1 Describe desirable plants or surface media for sports turf use in terms of the way in which they are able to tolerate the requirements of sport.

1.2 Describe turf plants in terms of their ecological habitats.

Range must include but is not limited to – pH, fertility, light, moisture, temperature.

- 1.3 Describe components of sports turf management in terms of their integration.
- Range components of management must include but are not limited to – irrigation, fertilisation, turf cultural practices, traffic management, agrichemical use, mowing.
- 1.4 Identify desirable growing media in terms of their ability to sustain sports turf traffic.
- 1.5 Assess the characteristics of a site in terms of its suitability for the selected sports turf use.

## Outcome 2

Demonstrate understanding of the visual and functional quality of turf.

### Performance criteria

- 2.1 Describe turf features in terms of their influence on the visual quality of turf.
- Range features must include but are not limited to – density, texture, uniformity, colour.
- 2.2 Describe turf features in terms of their influence on the functional quality of turf.
- Range features must include but are not limited to – rigidity, resiliency, wear tolerance, rooting ability, spreading ability.

## Outcome 3

Identify the playing quality characteristics of major sports turf surfaces.

### Performance criteria

- 3.1 Identify desirable playing quality characteristics for golf course turf.
- 3.2 Identify desirable playing quality characteristics for bowling green turf.
- 3.3 Identify desirable playing quality characteristics for cricket wicket and outfield turf.
- 3.4 Identify desirable playing quality characteristics for winter games.
- Range winter games include but are not limited to – rugby union and league, football, hockey.
- 3.5 Identify desirable playing quality characteristics for race tracks and trotting tracks.
- 3.6 Identify desirable playing quality characteristics for croquet lawns and lawn tennis courts.

## Outcome 4

Relate the rules of major sports to their surface preparation requirements.

Range major sports refer to – golf courses, bowling greens, cricket wickets and outfielders, race tracks, trotting tracks, winter sports turf areas, croquet lawns, lawn tennis courts.

### Performance criteria

- 4.1 Identify the rules of major sports in terms of the ideal and acceptable orientations and gradient of the playing surface.
- 4.2 Identify the rules of major sports in terms of marking requirements of the playing surface.

<b>Replacement information</b>	This unit standard was replaced by unit standard 32744.
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**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	4 August 1995	31 December 2019
Revision	2	4 August 1995	31 December 2019
Revision	3	16 September 1996	31 December 2019
Revision	4	10 December 1997	31 December 2019
Revision	5	8 June 1999	31 December 2019
Review	6	15 December 2000	31 December 2019
Revision	7	12 January 2006	31 December 2019
Review	8	17 October 2008	31 December 2019
Review	9	25 January 2018	31 December 2023
Review	10	24 June 2021	31 December 2023

<b>Consent and Moderation Requirements (CMR) reference</b>	0052
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.