

**FIELD                    AGRICULTURE, FORESTRY AND FISHERIES****Review of *Sports Turf* unit standards**

<b>Subfield</b>	<b>Domain</b>	<b>Id</b>
Sports Turf	Sports Turf Construction and Drainage	1155, 1156, 1164, 17955, 20532
	Sports Turf Management	1150-1154, 1157, 1161-1163, 1166, 1170-1172, 17211, 17212, 20531, 20533, 21622, 23562, 23563
	Sports Turf Weeds and Pests	1158-1160, 1167-1169, 20530

The NZ Sports Turf Industry Training Organisation has completed the review of the unit standards listed above.

**Date new versions published**

**October 2008**

**Planned review date**

**December 2013**

**Summary of review and consultation process**

The review was carried out because unit standards had reached their expiry date.

Industry experts representing the sports turf industry met to suggest changes to the current unit standards. A period of consultation with key representatives and the wider sports turf industry was held, and further changes made based on feedback received.

Draft unit standards were circulated via industry experts, and a website survey was conducted among key participants in sports turf industry: training employers, moderators, workplace assessors, industry training organisations, and training providers. The purpose of the survey was to confirm the changes.

The final versions were endorsed by industry expert panel members, sports turf employers, moderators, workplace assessors, and training providers and were signed off by the NZ Sports Turf Industry Training Organisation Board.

**Main changes resulting from the review**

- Unit standard 1162 was designated expiring and its content split into replacement standards 25111 and 25112.
- Unit standard 20532 was designated expiring as it is no longer required by industry.
- Titles were updated as indicated on the table at the end of this report.
- Range statements were clarified.

**Unit standards categorised as category C or D expire at the end of December 2011.**

## Impact on existing provider accreditations

Current Accreditation for			Accreditation extended to		
Nature of accreditation	Id	Level	Nature of accreditation	Id	Level
Standard	1162	3	Standard	25111	3
			Standard	25112	4

## Impact on existing qualifications

Qualifications that contain the reviewed standards or classifications are tabled below.

<b>Affected</b>	The qualification lists a reviewed classification (domain or subfield) in an elective set The qualification lists a standard that has changes to level or credits The qualification lists a C or D category standard
<b>Not materially affected</b>	The qualification lists a standard that has a new title The qualification lists a standard that has a new classification

The following NZ Sports Turf ITO qualifications are affected by the outcome of this review and will be reviewed in 2008. The unit standards generating the *affected* status are shown in **bold**.

Qualification title	Classification or standard in the qualification
National Certificate in Sports Turf Management (Level 4) [Ref: 0203]	1150, 1152, 1155, 1156, 1160, 1161, <b>1162</b> , 1163, 1164, 1170, 1172
National Certificate in Sports Turf (Introduction to Turf Care) (Level 3) [Ref: 0700]	1160, 1161, <b>1162</b>
National Certificate in Amenity Turf Management (Level 3) [Ref: 0203]	20530

The following qualifications are also affected by the outcome of this review. The unit standards generating the *affected* status are shown in **bold**. The standards setting bodies (SSBs) been advised that they require revision.

Qualification title	Classification or standards in the qualification	SSB Name
National Certificate in Equine (Racecourse Maintenance) (Level 3) [Ref: 0367]	1152, 1156, 1161, <b>1162</b>	NZ Equine Industry Training Organisation
National Certificate in Equine (Racecourse Management) (Level 4) [Ref: 0653]	1152, 1156, 1160, <b>1162</b> , 1163, 1172	
National Certificate in Whanau/Family Foster care (Level 4) [Ref: 1075]	20352	Te Kaiawhina Ahumahi Social Services Industry Training Organisation Inc

## Review Categories and changes to classification, title, level, and credits

All changes are in **bold**.

Key to review category	
<b>A</b>	Dates changed, but no other changes are made - the new version of the standard carries the same Id and a new version number
<b>B</b>	Changes made, but the overall outcome remains the same - the new version of the standard carries the same Id and a new version number
<b>C</b>	Major changes that necessitate the registration of a replacement standard with a new Id
<b>D</b>	Standard will expire and not be replaced

Subfield Sports Turf  
Domain Sports Turf Construction and Drainage

Id	Title	Level	Credit	Review Category
1155	Survey sports turf areas <b>Survey a sports turf area</b>	3	5	B
1156	Drain sports turf areas <b>Drain a sports turf area</b>	3	5	B
1164	Establish a sports turf surface <b>Establish a turf surface</b>	3	10	B
17955	Demonstrate knowledge of methods of upgrading sports turf root zones	4	7	B
20532	Develop amenity turf areas	3	7	D

Domain Sports Turf Management

Id	Title	Level	Credit	Review Category
1150	Demonstrate knowledge of the structure and organisation of the New Zealand Sports Turf Industry <b>Demonstrate knowledge of the structure and organisation of the New Zealand sports turf industry</b>	2	5	B
1151	Demonstrate knowledge of the characteristics and requirements of sports turf surfaces	2	10	B
1152	Demonstrate knowledge of elementary turf botany <b>Demonstrate knowledge of turf botany</b>	2	5	B
1153	Use sports turf machinery and equipment	3	10	B
1154	Demonstrate knowledge of ornamental plantings on sports turf areas <b>Demonstrate knowledge of trees and shrubs used for turf areas</b>	2	5	B
1157	Demonstrate knowledge of sports turf soil water management	3	6	B
1161	Demonstrate knowledge of the mowing of sports turf areas <b>Demonstrate knowledge of the mowing of turf areas</b>	3	4	B

Id	Title	Level	Credit	Review Category
1162	Plan a fertiliser programme for sports turf use	3	10	C
<b>25111</b>	<b>Describe nutrients and fertilisers required for turf</b>	<b>3</b>	<b>5</b>	
<b>25112</b>	<b>Assess soil, and plan a fertiliser programme for turf use</b>	<b>4</b>	<b>8</b>	
1163	Fertilise sports turf areas <b>Fertilise a sports turf area</b>	3	5	B
1166	Irrigate sports turf areas	4	10	B
1170	Compare maintenance requirements for major sports turf surfaces and maintain a sports turf surface <b>Compare maintenance requirements for major sports turf surfaces, and maintain a sports turf surface</b>	4	25	B
1171	Supervise staff working on sports turf facilities	4	10	B
1172	Prepare and present a budget for sports turf operations <b>Prepare and present a budget for turf operations</b>	4	15	B
17211	Demonstrate knowledge of the maintenance of cricket wicket blocks <b>Demonstrate knowledge of the maintenance of cricket blocks</b>	3	5	B
17212	Demonstrate knowledge of the maintenance of a bowling green	3	5	B
20531	Use amenity turf maintenance tools and small equipment	3	6	B
20533	Mow turf areas	3	10	B
21622	Demonstrate knowledge of the maintenance of a sportsfield	3	5	B
23562	Prepare a cricket pitch for play, and carry out post match cricket pitch repairs	4	10	B
23563	Renovate a cricket block	4	8	B

Domain Sports Turf Weeds and Pests

Id	Title	Level	Credit	Review Category
1158	Identify and monitor common turf pests	3	5	B
1159	Identify common turf weeds	3	5	B
1160	Identify common turf diseases <b>Identify common turf diseases and disorders</b>	3	5	B
1167	Control common turf pests	4	7	B
1168	Control common turf weeds	4	7	B
1169	Control common turf diseases	4	7	B
20530	Demonstrate knowledge of weeds, pests, diseases and disorders of amenity turf areas <b>Demonstrate knowledge of weeds, pests, diseases, and disorders of amenity turf areas</b>	3	10	B