

Title	Demonstrate knowledge of playing performance standards, and carry out routine maintenance of synthetic sports turf		
Level	3	Credits	4

Purpose	People credited with this unit standard, in the context of synthetic sports turf, are able to: demonstrate knowledge of playing performance standards and maintenance requirements; and carry out routine maintenance tasks.
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Classification	Sports Turf > Sports Turf Management
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Available grade	Achieved
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Guidance Information

- Legislation and standards relevant to this unit standard include but are not limited to:
 - Hazardous Substances and New Organisms Act 1996;
 - Health and Safety at Work Act 2015;
 - New Zealand Standard NZS 8409:2021 *Management of agrichemicals*; and any subsequent amendments.
- Definitions

Synthetic sports turf – a ground surface, which is used for sporting purposes, that mimics or represents a turf surface, but is not natural. It includes synthetic turf that has fibres to mimic turfgrass, as well as carpet-type synthetic turf that gives the representation of turf even though it may not have grass-like fibres.

Workplace procedures – industry accepted policies and procedures on safety and processes set down by the employer or host organisation for synthetic turf surfaces and codes or practice used for sporting or recreational activities. Workplace procedures should reflect equipment manufacturer's requirements for synthetic turf maintenance and current legislation.
- Playing performance standards are specified by peak sporting bodies, for example, Fédération Internationale de Football Association (FIFA), International Hockey Federation (FIH), World Rugby, World Bowls.
- Maintenance tasks may include application of agrichemicals. Only candidates who are certified to apply agrichemical may do so. If they do, this must be done in accordance with the requirements of the Hazardous Substances and New Organisms Act (1996), its regulations and subsequent amendments and New Zealand Standard NZS 8409:2021 *Management of agrichemicals*.
- For the purposes of assessment:
 - evidence must be presented in accordance with workplace procedures.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of playing performance standards and maintenance requirements for synthetic sports turf.

Performance criteria

- 1.1 Compare recognised playing performance standards for a range of sports.
- Range at least three playing performance standards are compared for at least two sports (codes); playing performance standards may include but are not limited to those related to – surface levelness, depth of infill and/or length of exposed turf, traction.
- 1.2 Identify and describe synthetic sports turf installation faults and poor maintenance practices.
- Range may include but are not limited to – overexposed turf blades, seams that have opened, failed patches, weed and moss growth, poor surface health, stains, ultraviolet (UV) degradation; evidence of at least two installation faults and two poor maintenance practices is required.
- 1.3 Describe routine maintenance tasks and their approximate frequency.
- Range frequency of maintenance must be appropriate to the type of sport, level of performance required, frequency of use; evidence of at least three tasks is required.
- 1.4 Describe the key roles of the asset manager in relation to management of synthetic sports turf maintenance.
- Range may include but are not limited to – strategic oversight of the facility, managing the use of the facility, managing the maintenance contract; evidence of three roles of the asset manager is required.
- 1.5 Describe the key roles of the maintenance contractor in relation to inspection and maintenance of synthetic sports turf.
- Range may include but are not limited to – inspections and reporting, conducting maintenance; evidence of two roles of the maintenance contractor is required.

Outcome 2

Carry out routine maintenance tasks on synthetic sports turf.

Range at least two routine maintenance tasks which may include but are not limited to – cleaning spills or stains, weed and moss control, surface de-compacting, surface grooming, applying temporary line markings.

Performance criteria

2.1 Select and use maintenance and safety equipment for maintenance tasks.

2.2 Evaluate the quality of the finished work.

Range visual inspection, performance testing.

2.3 Complete maintenance records.

Planned review date	31 December 2027
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 February 2017	31 December 2023
Review	2	24 June 2021	N/A
Rollover and Revision	3	24 July 2025	N/A

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

Comments on this unit standard

Please contact Muka Tangata – People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.