

Title	Demonstrate knowledge of the types and uses of artificial surfaces used by sport		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to demonstrate knowledge of the types and uses of artificial surfaces used by sport.
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Classification	Sports Turf > Sports Turf Management
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to:
 - Resource Management Act 1991; and any subsequent amendments.
- 2 Definitions

Workplace procedures – the procedures and standards set down by the client or employing organisation. Workplace procedures should reflect equipment manufacturer’s requirements, and current legislation.

In the context of this unit standard, *artificial surfaces* include but are not limited to – non-filled, water-based, sand-filled, sand-dressed, rubber/sand filled, needle punch; woven.
- 3 For the purposes of assessment:
 - evidence must be presented in accordance with workplace procedures.
- 4 Range

Sport includes but is not limited to – rugby or rugby league or football, hockey, cricket, bowls, horse racing.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the types and uses of artificial surfaces used by sport.

Performance criteria

- 1.1 Identify and describe the types of artificial surfaces used by sport.

1.2 Describe artificial surfaces used by sport in terms of their basic components and their function.

Range evidence of three artificial surfaces is required; components may include but are not limited to – carpet, sub grade, stabilising infill, performance infill, shockpad, drainage system, other infrastructure.

1.3 Describe the advantages and disadvantages of replacing natural turf with artificial surfaces, in terms of the maintenance requirements and suitability for specific sports.

Range sport includes but is not limited to – rugby or rugby league or football, hockey, cricket, bowls, horse racing; evidence of three maintenance requirements is required.

1.4 Describe artificial surfaces used by sport in terms of the environmental and economic impacts over their life cycle.

Range evidence of three artificial surfaces is required; evidence of five environmental and five economic impacts is required.

Planned review date	31 December 2025
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	24 June 2021	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 the Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.