

U17802**Maintain the health of sports turf**

Unit Descriptor:

This unit is about maintaining the health of sports turf so that it is suitable for play. It covers dealing with weeds, moss, pests, diseases and other disorders. It is for members of staff who can carry out the work described under limited supervision only.

The typical tasks you would carry out to complete this unit include:

- inspecting the turf as requested
- identifying ill health and potential causes of ill health in sports turf
- controlling pests and diseases, weeds and moss in sports turf by physical, cultural and chemical methods using manual and powered equipment
- rectifying soil and environmental conditions likely to cause ill health in turf

Use of equipment and chemicals must meet the requirements of the law and codes of practice.

ELEMENT**PERFORMANCE CRITERIA**

To be competent you must achieve the following:

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| 1. Monitor the health of sports turf | 1.1 Inspect the turf as requested. |
| | 1.2 Identify conditions that threaten the health of the sports turf. |
| | 1.3 Report these conditions to the appropriate people. |
| 2. Maintain the health of sports turf | 2.1 Apply treatments safely, effectively and without damage to surrounding areas, as instructed. |
| | 2.2 Dispose of waste material safely and with minimal environmental pollution. |
| | 2.3 Clean tools and equipment. |
| | 2.4 Store tools and equipment and materials securely. |

RANGE STATEMENT

You must cover the items below:

Element 1: Monitor the health of sports turf**A. Identify and deal with all of the following conditions:**

- (i) weeds
- (ii) pests
- (iii) disease
- (iv) disorders
- (v) moss
- (vi) mechanical damage

Element 2: Maintain the health of sports turf**A. Use all of the following treatments:**

- (i) physical
- (ii) chemical
- (iii) cultural

UNDERPINNING KNOWLEDGE AND SKILLS

1. Your role in maintaining health and safety.
2. The types of personal protective equipment and clothing needed for your work and how they must be used, cleaned, stored, inspected and replaced.
3. Safe methods for moving and lifting items.
4. The reasons for maintaining good personal and workplace hygiene relevant to your industry.
5. The reasons for leaving information about your whereabouts when working in isolation or in remote locations.
6. Your own ability to deal with health and safety emergencies (e.g. not carrying out actions beyond your own capabilities) and the reasons for this.
7. Basic emergency first aid procedures.
8. Methods for minimising environmental damage.
9. Why accidents should be reported without delay and recorded in the appropriate document.

EVIDENCE GUIDE

For assessment purposes:

(1) Critical Aspects of Evidence

Assessment should involve observation of how you maintain the health of sports turf so that it is suitable for play. You must deal with weeds, moss, pests, diseases and other disorders under limited supervision.

In demonstrating competence in maintaining the health of sports turf you are required to:

A. Identify by genus and species **all** of the following **conditions**:

- (i) Fifteen weeds (grasses, broad leaf and sedges)
- (ii) Two pests
- (iii) Two diseases

B. Identify and deal with **all** of the following **conditions**:

- (i) Two disorders
- (ii) Moss and algae
- (iii) Mechanical damage

Identification of live specimens should be used wherever possible, some identification using photographs is acceptable. The candidate can present dried samples.

C. Timely use **all** of the following **treatments**:

- (i) Physical
- (ii) Chemical
- (iii) Cultural

(2) Methods of Assessment

Observation by your assessor of you:

- Inspecting the turf as requested
- Identifying ill health and potential causes of ill health in sports turf
- Controlling pests and diseases, weeds and moss in sports turf by physical, cultural and chemical methods using manual and powered equipment
- Rectifying soil and environmental conditions likely to cause ill health in turf
- Disposing of waste material safely and with minimal environmental pollution
- Storing tools and equipment and materials securely

(3) Context of Assessment

Evidence from simulations is **not** acceptable for this unit.