

# Unit C225 Present, maintain and repair artificial playing surfaces for play

## Introduction

### Summary

This unit is about making sure that artificial/synthetic playing surfaces are safe and meet the required standards for the sport. The typical tasks you would carry out to complete this unit include:

- inspecting surfaces
- clearing and preparing surfaces for maintenance
- carrying out routine maintenance: brushing, luting, top-dressing, weed control, moss/algae control, frost protection
- using hand tools and powered equipment
- carrying out repairs and renovation, including: irrigation, marking out and the removal of contaminants
- safe disposal of waste materials
- routine cleaning, maintenance and storage of tools and equipment

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

The unit is divided into three parts. The first part (page 2) gives some examples and explanations of some words we use in the unit. The second part (pages 3-4) describes the two things you have to do. These are:

**C225.1 Maintain the condition of artificial playing surfaces**

**C225.2 Repair and renovate artificial playing surfaces**

The third part (pages 5-6) describes the knowledge and understanding you must have.

### Target Group

This unit is for people who carry out the maintenance and repair of artificial surfaces.

### Linked Units

This unit links closely with C13 and C220.

### Place in the NVQ/SVQ Framework

This is an option in the Operational Services NVQ/SVQ at level 2.

This unit is taken from the standards for Amenity Horticulture at level 2.

### Links to Key and Core Skills

*This unit will provide some evidence for the following QCA Key Skills:*

Communication 2.1a, 2.2, 2.3

Application of Number 1.1, 1.2, 1.3

Working with Others 2.1, 2.2, 2.3

Problem Solving 2.1, 2.2, 2.3

*and the following SQA Core Skills:*

Communication Intermediate 1

Numeracy Access 3

Working with Others Intermediate 1

Problem Solving Intermediate 1

# Unit C225 Present, maintain and repair artificial playing surfaces for play

## What We Mean By Some of the Words Used in this unit

Suitable for the sport

*meeting the requirements of the national governing body for the sport and your organisation's requirements*

# Unit C225 Present, maintain and repair artificial playing surfaces for play

## C225.1

### Maintain the condition of artificial playing surfaces

#### The National Standard

##### What you must do

*To meet the national standard, you must:*

- 1 choose **tools and equipment** that are appropriate to the **surface** and the type of **maintenance** you will be carrying out
- 2 clear and prepare the surface for **maintenance**
- 3 carry out **maintenance** so that the quality and appearance of the **surface** is suitable for the sport
- 4 use your **tools and equipment** correctly and safely
- 5 keep unnecessary waste to a minimum
- 6 clean and safely store your **tools and equipment** so that they are ready for next use

##### What you must cover

*From your work you must show that you have maintained at least one of the following types of:*

- a **surface**
  - 1 hard porous water bound
  - 2 filled synthetic
  - 3 non-filled synthetic

*using two of the following types of:*

- b **tools and equipment**
  - 1 hand
  - 2 powered
  - 3 mounted

*and carrying out four of the following types of:*

- c **maintenance**
  - 1 brushing
  - 2 luting
  - 3 top-dressing
  - 4 weed control
  - 5 moss/algae control
  - 6 frost protection

*However, you must also show that you have the necessary knowledge and skills to cover all the types of context listed above.*

# Unit C225 Present, maintain and repair artificial playing surfaces for play

## C225.2

### Repair and renovate artificial playing surfaces

#### The National Standard

##### What you must do

*To meet the national standard, you must:*

- 1 carry out inspections as requested
- 2 identify any conditions that affect the quality of the **surface**
- 3 report these conditions to the relevant person
- 4 use a **method** to deal with these conditions that are appropriate to the condition and the surface
- 5 carry out **repairs and renovation** promptly and effectively
- 6 dispose of waste safely whilst keeping environmental pollution to a minimum
- 7 clean and safely store your tools and equipment so that they ready for next use

##### What you must cover

*From your work you must show that you have repaired and renovated one of the following types of:*

###### a surface

- 1 hard porous water bound
- 2 filled synthetic
- 3 non-filled synthetic

*using one of the following types of:*

###### b method

- 1 cultural
- 2 chemical

*and carry out four of the following types of:*

###### c repair and renovation

- 1 marking out
- 2 brushing
- 3 renovation
- 4 irrigation
- 5 debris removal
- 6 contamination removal
- 7 weed and moss control

*However, you must also show that you have the necessary knowledge and skills to cover all the types of context listed above.*

# Unit C225 Present, maintain and repair artificial playing surfaces for play

## What you must know and understand

*To be competent in this unit, you must know and understand the following*

### For C225.1 Maintain the condition of artificial playing surfaces

- K1 the reasons for the different types of maintenance listed: brushing, luting, top-dressing, weed control, moss/algae control and frost protection
- K2 the types of tools and equipment that you need for different maintenance operations
- K3 how to use these tools and equipment safely and effectively
- K4 how surface conditions affect maintenance operations
- K5 why it is important to prepare the surface before carrying out maintenance
- K6 the standard of appearance and quality that has to be achieved for the sport
- K7 why it is important to keep waste to a minimum
- K8 routine cleaning, maintenance and storage procedures for the types of equipment you use
- K9 health and safety legislation and other requirements that are relevant to the maintenance operations

### For C225.2 Maintain and renovate artificial playing surfaces

- K10 sources of information relating the materials and methods used to maintain surfaces, equipment and perimeters
- K11 how to identify, select and obtain the materials, tools and equipment you need.
- K12 the methods and techniques you should use to maintain surfaces, equipment and perimeters
- K13 the standards of maintenance you should achieve
- K14 the dangers of damage to the surrounding area and other features and how to protect against these
- K15 why it is important to keep waste to a minimum
- K16 why it is important to dispose of debris correctly and how to do so
- K17 relevant standards, legal and regulatory requirements