

Overview

This unit is about presenting sportsturf surfaces so that they meet the requirements of a sport and a particular event. It also covers repairing and renovating the surface following play. It is for members of staff who can carry out the work described under limited supervision only. Use of equipment and chemicals must meet the requirements of the law and codes of practice.

The unit is divided into two parts. The first part describes the two things you have to do. These are

1. present and maintain sports surfaces and facilities for play
2. renovate and repair sportsturf surfaces

The second part describes the knowledge and understanding you must have.

This unit is for specialist operatives working in the sports and play surfaces installation and maintenance industry.

Performance criteria

You must be able to:

Prepare and maintain sports surfaces and facilities for play

1. select the correct tools and equipment to prepare the surface
2. use tools and equipment safely and efficiently
3. clear surfaces of unwanted debris
4. prepare the playing surface so that it meets the requirements of the sport and the standard for the event
5. maintain the quality and appearance of surfaces
6. make markings which are clear and appropriate to the event
7. set out the sports equipment required by the rules of the sport and the standard of the event
8. keep waste to a minimum
9. clean tools and equipment and store them securely

Renovate and repair sportsturf surfaces

1. inspect surfaces as requested
2. identify and assess surfaces in need of renovation and repair
3. select renovation and repair methods that are appropriate to the damage and the type of sports surface
4. select tools and equipment that are suitable for the repair job
5. use tools and equipment safely and efficiently
6. prepare the surface and use the selected renovation and repair methods safely and correctly
7. reinstate the surface so that it meets the requirements of the sport and the standard of the event
8. clean and store equipment securely and correctly

Knowledge and understanding

You need to know and understand:

Presenting and maintaining sportsturf surfaces and facilities

1. how ground conditions affect maintenance operations
2. how to select tools and equipment to present the surface for play
3. how to make safe and efficient use of this equipment
4. why it is important to clear surfaces of unwanted debris
5. how to ensure the surface is in a fit condition for maintenance
6. the importance of ensuring the surface meets the required standard and how to do so
7. the effects of climate and soil conditions on intensity, type and frequency of operations on turf on grass growth characteristics and playing surfaces
8. how to carry out marking appropriate to sports and events
9. how to set out sports equipment in a way which meets the needs of the sport and the standard of the event
10. why it is important to set out equipment correctly and what might happen if you do not
11. why it is important to keep unnecessary waste to a minimum
12. how to clean and store the equipment securely and correctly and why it is important to do so
13. the relevant legislation and codes of practice covering this area of work

Renovating and repairing sportsturf surfaces

1. why it is important to renovate and repair surfaces to the required standard and the consequences of not doing so
2. how to identify surfaces in need of renovation and repair
3. how to select the appropriate renovation and repair method according to degree of damage and the surface itself
4. the importance of thorough and appropriate preparation prior to renovation and repair and how to do so
5. how to ensure that the surface meets the requirements of the sport and the standard for the event
6. how to clean and store the necessary tools and equipment securely and correctly and the importance of doing so
7. the relevant legislation and codes of practice covering this area of work

Scope/range

1. tools and equipment

- 1.1 hand tools
- 1.2 powered equipment

2. methods to prepare the surface

- 2.1 mowing
- 2.2 irrigation
- 2.3 scarifying and verti-cutting
- 2.4 rolling
- 2.5 top dressing
- 2.6 brushing or switching
- 2.7 aeration
- 2.8 edging
- 2.9 feeding
- 2.10 marking out sports surface s
- 2.11 setting out equipment

3. standard of surface

- 3.1 speed
- 3.2 surface response to a ball, animal or player
- 3.3 moisture content
- 3.4 grass cover
- 3.5 degree of consolidation
- 3.6 trueness

4. renovation and repair

- 4.1 over-seeding
- 4.2 hand lifting
- 4.3 patching or plugging
- 4.4 forking up
- 4.5 top dressing
- 4.6 divotting

SKAC244



Present, maintain and repair sportsturf surfaces for play

Links to other NOS

This unit is the same as L6 in the Lantra suite of NOS for Amenity Horticulture

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