

Occupation Profile

for

Greenkeeping and Sportsturf

Modern Apprenticeship

at SCQF Level 5

Approved by: Land-based Technical Expert Group

Approved date: August 2024



Purpose:

This document consists of the occupational standards (NOS and work situations) routinely carried out in Horticulture roles. This provides all the performance requirements and knowledge and understanding requirements apprentices need to demonstrate competence in the occupation.

This document includes

- 3 mandatory NOS and 4 mandatory work situations
- 7 optional NOS
- 7 optional work situations

Apprentices are required to achieve a minimum of **12** Work Situations and NOS.



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Mandatory Occupational Standards

Establish plants or turf in a sports turf area

Prepare and maintain the condition of sports turf surfaces

Maintain grass surfaces

Contributing to performing work activities

Maintaining health, safety and security

Using equipment and machinery

Developing meta-skills and personal practice

Goal of Work Situation:

To contribute to safely preparing, implementing and closing down work activities to meet organisational procedures and legislative requirements

Brief outline:

This involves accessing and interpreting basic work information, checking work activities, contributing to developing risk assessments, using personal protective equipment (PPE), communicating with others, completing documentation and dealing with issues and closing down the work in accordance with technical specifications, instructions and organisational procedures.

Performance requirements

1. Accessing and interpreting relevant information required to carry out your work activities
2. Checking work activities before commencing to confirm these are required
3. Contributing to the development of risk assessments associated with own work activities in accordance with organisational procedures
4. Identifying and using the correct PPE in accordance with manufacturers' guidance
5. Contributing to maintaining safety and security of tools and equipment in accordance with manufacturers' guidelines and organisational procedures
6. Communicating relevant safety and work-related information with others in accordance with organisational procedures
7. Contributing to work activities in accordance with organisational procedures
8. Contributing to completing and storing all relevant documentation in accordance with organisational procedures
9. Dealing effectively with issues within the scope and limitations of your own responsibilities in accordance with organisational procedures
10. Reporting issues which are outside the scope and limitations of your responsibilities in accordance with organisational procedures
11. Contributing to disposing of waste in accordance with legislative requirements and organisational procedures

Knowledge and understanding requirements

1. Required information for your work activities and where to locate this
2. Rules, regulations, legislative requirements, business and professional ethics relevant to your working practice and to which you must adhere including access rights
3. Who to confirm your work activities with and why this is important
4. The importance of risk assessment and mitigation as relevant to own area of work
5. The importance of, and correct use of any required equipment and PPE
6. The duty to report any acts and omissions that could have a negative impact on yourself, others and your organisation
7. Principles of workplace sustainability and how to apply them
8. Principles of environmental good practice and how to apply them
9. Why it is important to maintain the safety and security of tools and equipment
10. Methods of communication and how to apply these
11. Digital technology used within own area of work and how to use this
12. Organisational procedures for completing and securely storing documentation
13. Scope and limitations of your own competence, responsibilities and accountability
14. Organisational procedures for reporting issues which cannot be solved
15. Organisational procedures for disposing of waste

Goal of work situation:

To maintain health, safety and security in line with legislative and organisation procedures to protect yourself and others from the risk of harm and injury.

Brief outline:

This is about maintaining the health, safety and security of yourself and others who may be affected by your work. This involves following set health and safety procedures and identifying unsafe situations in the workplace and during work activities. This also involves understanding the main risks to health, safety and security in the workplace and the using control measures and safe systems of work put in place. In the event of incidents and emergencies required procedures must be followed.

Security could include land, buildings, equipment and machinery, stock, resources, personnel and information.

Performance requirements

1. Identifying hazards and assessing risks to health, safety and security when carrying out your work
2. Taking required actions in response to identified hazards and risks in line with organisation procedures
3. Applying control measures put in place to eliminate and to reduce risks and adopting safe systems of work
4. Using clothing and PPE suitable to carry out activities
5. Checking PPE regularly and in accordance with manufacturers' instructions
6. Following organisation security procedures to prevent risks to security
7. Preparing, using, maintaining and storing equipment and machinery in accordance with relevant legislation, manufacturers' instructions and organisation requirements
8. Recording and reporting health, safety and security information in accordance with legal and organisation requirements

Knowledge and understanding requirements

1. Health and safety legislation and codes of practice, the legal responsibilities of employers and employees and the importance of following these
2. The difference between "hazard" and "risk", and how to identify hazards and assess risks when carrying out your work
3. The importance of regular risk assessment and what actions to take when risks are identified
4. The particular risks associated with your area of work, which could include personal injury, contracting disease and other physical and mental health problems
5. The effects that work-related accidents and ill health can have on workers and businesses and the importance of minimising these
6. The potential risks to others from your work activities
7. The hierarchy of measures to control risks which can be put in place
8. The importance of good housekeeping in the workplace in maintaining health and safety

9. The importance of following procedures to maintain workplace security
10. Key requirements of the regulations relating to the handling, use and storage of potentially hazardous substances
11. Safe methods of checking, preparing, using, maintaining and storing equipment and machinery
12. Risks of injury associated with lifting and handling and how these can be minimised
13. Suitable clothing and personal protective equipment (PPE) required for work in your industry and the importance of regularly checking and maintaining PPE
14. Risks of working in isolation, in remote locations or potentially dangerous situations and the need for safe systems of work to be followed including communication and emergency procedures
15. Actions to take in the event of incidents and emergencies including accidents and near misses
16. Legislative and organisational requirements for recording and reporting on health, safety and security issues and matters

Work Situation

Using equipment and machinery

URN: SDS 0080

Goal of work situation:

To use equipment and machinery in accordance with manufacturer's instructions, regulatory requirements and organisation procedures to maintain the safety of yourself and others

Brief outline:

This is about using equipment and machinery to perform daily tasks. It involves carrying out pre-use checks to confirm the equipment and machinery continues to operate safely, using the equipment and machinery to carry out tasks and storing it safely and securely after use. This includes digital, automated, or advanced technology and other specialised equipment and machinery used within your job role.

Note: individuals may be using equipment or machinery, or both.

Performance requirements

1. Completing all training and certification required to use required equipment and machinery in accordance with legislative and organisation requirements
2. Identifying hazards and using required PPE when operating equipment and machinery in accordance with manufacturer's instructions
3. Preparing equipment and machinery ready for use in accordance with manufacturer's instructions
4. Carrying out pre-use checks on equipment and machinery in accordance with relevant legal requirements and manufacturer's instructions
5. Operating equipment and machinery in accordance with relevant legislation, manufacturer's instructions and organisation procedures whilst ensuring the safety of self and others
6. Using attachments safely and correctly in accordance with manufacturer's instructions
7. Identifying problems with equipment and machinery and taking the required action

Knowledge and understanding requirements

1. Relevant health and safety procedures, how to identify hazards and assess risks, safe systems of work and the personal protective equipment (PPE) required for operating equipment and machinery
2. The relevant legal requirements, licences, certification, codes of practice, training and organisational requirements for the use of equipment and machinery
3. How to prepare equipment and machinery before use, including attachments where used, and the pre-use checks and actions required
4. How to operate equipment and machinery safely and correctly in accordance with manufacturer's instructions and organisation procedures
5. How to maintain the safety of self and others when using equipment and machinery
6. The capabilities and limitations of the equipment and machinery being used and the factors that may affect safety and efficiency
7. The types of attachments, where required, that are safe for use with the equipment and machinery being used, how to fit them safely and correctly and how to set and calibrate them

8. Shutting down equipment and machinery after use to maintain safety
9. Maintaining the security of equipment and machinery at all times in accordance with organisation procedures
10. Leaving equipment and machinery in a suitable condition for future use
11. Storing equipment and machinery safely and securely in accordance with organisation procedures

8. How to operate and use relevant attachments safely
9. The function of all controls and instruments on equipment and machinery being used
10. The types of hazards that may be encountered when operating equipment and machinery and how these should be dealt with
11. The sort of problems that may occur with equipment and machinery, how to identify them, and the action to take
12. The importance of carrying out routine checks on equipment and machinery and how to identify defects and faults
13. How to shut down equipment and machinery after use
14. Why it is important to maintain the safety and security of equipment and machinery at all times
15. Post-use activities that need to be carried out to maintain equipment and machinery
16. How equipment and machinery should be stored and the importance of security
17. The potential impact of your work on the surrounding area and the environment and how it can be minimised
18. Organisation procedures for recording and reporting equipment and machinery operation

Goal of Work Situation:

To develop meta-skills and personal practice through self-evaluation, agreeing objectives, reviewing progress and improving performance in line with organisational requirements.

Brief outline:

This is about developing meta-skills and personal practice. This involves reviewing progress; acting on feedback; agreeing and working towards development objectives.

Individuals will have a high level of support with minimum directive supervision in their ongoing development and wellbeing, usually from their line manager.

Performance requirements

1. Identifying (with support) meta-skills and role-specific skills for own work and completing self-assessments of own strengths and improvement needs for personal practice.
2. Discussing and agreeing straightforward SMART objectives for personal development and to achieve work plans.
3. Discussing and agreeing straightforward training and development activities required to improve own performance and to achieve work plans.
4. Completing straightforward training and development activities within agreed timescales with support to progress own performance.
5. Acting on feedback and support to improve own performance.
6. Review (with support) progress in meta-skills and role-specific skills to agree future development needs.
7. Completing straightforward mandatory role related training in line with organisational requirements.
8. Completing straightforward documentation required for personal development in line with organisation policy and procedures.

Knowledge and understanding requirements

1. The purpose and importance of meta-skills including straightforward definitions and how they relate to own work.
2. The importance of personal development within own role.
3. Types of training and development required for own role.
4. How to review own progress and who to get support from to identify gaps in role specific knowledge, skills and meta-skills.
5. The purpose and importance of performance reviews.
6. How to discuss and agree SMART objectives – Specific, Measurable, Achievable, Realistic, Time-bound.
7. Business and personal objectives relating to own development and why these are important.
8. Where to find and who to ask about information to support own development.
9. The importance of well-being in own role, types of support available and where to get this.
10. Types of feedback and how to use this to develop own skills and knowledge.
11. How to identify own learning preferences and how to use these to support personal development.



Optional National Occupational Standards

Learners will choose a minimum of **five** optional occupational standards from one of the following specialist pathways: Greenkeeping or Sportsturf.

Carry out maintenance and repair of equipment and machinery

Establish and maintain working relationships

Identify the presence of weeds, pests, diseases and disorders

Prepare and operate a powered vehicle

Prepare and operate a tractor

Transport physical resources within the work area

Assemble and install purpose made equipment and components for sport/play



Optional Work Situations

Learners will choose a minimum of **five** optional occupational standards from one of the following specialist pathways: Greenkeeping or Sportsturf.

[Establishing sportsturf surfaces](#)

[Controlling weeds, pests, diseases and disorders](#)

[Maintaining grassed and planted areas](#)

[Maintaining sportsturf surfaces](#)

[Maintaining wildflower-rich amenity grasslands](#)

[Setting out sports areas](#)

[Maintaining artificial sports surfaces](#)

Goal of work situation:

To establish sportsturf surfaces to meet site specifications, sport and event rules and standards.

Brief outline:

This is about establishing sportsturf from seed and turf to produce sports surfaces in accordance with site and sport specifications, event rules and standards. This involves producing surfaces to desired speed, surface response to ball, animal, player, moisture content, grass cover, consolidation and trueness according to sport requirements and event standards. Sports surfaces include football and rugby pitches, cricket pitches, tennis and lacrosse courts, athletic tracks, golf courses and racecourses.

Performance requirements

1. Accessing and interpreting relevant information required to carry out your work activities
2. Checking work activities before commencing to confirm these are required
3. Contributing to the development of risk assessments associated with own work activities in accordance with organisational procedures
4. Identifying and using the correct PPE in accordance with manufacturers' guidance
5. Contributing to maintaining safety and security of tools and equipment in accordance with manufacturers' guidelines and organisational procedures
6. Communicating relevant safety and work-related information with others in accordance with organisational procedures
7. Contributing to work activities in accordance with organisational procedures
8. Preparing areas ready for establishing turf in accordance with site specifications and to meet site and sport specifications
9. Checking turf health meets site and sport specifications and rejecting unacceptable specimens
10. Completing soil texture tests for areas of ground to be prepared in accordance with soil testing procedures

Knowledge and understanding requirements

1. Required information for your work activities and where to locate this
2. Rules, regulations, legislative requirements, business and professional ethics relevant to your working practice and to which you must adhere including access rights
3. Who to confirm your work activities with and why this is important
4. The importance of risk assessment and mitigation as relevant to own area of work
5. The importance of, and correct use of any required equipment and PPE
6. The duty to report any acts and omissions that could have a negative impact on yourself, others and your organisation
7. Tools and equipment required and how to prepare, maintain and use these safely and effectively in line with legal requirements and manufacturers' instructions
8. How to identify grasses which meet site and sport specifications
9. Different types of soil and how this affects sportsturf establishment
10. Principles of grass growth and development
11. Different types of nutrient and when and how to apply them
12. How to assess health and condition of sportsturf and recognise those unsuitable for establishment
13. How to complete soil texture tests

11. Laying turf in desired locations in accordance with site and sport specifications whilst minimising environmental damage
12. Providing relevant aftercare and protection to maintain the health of newly established turf in accordance with site specifications
13. Inspecting established sportsturf surfaces to identify conditions that threaten health and report these in accordance with site procedures
14. Applying treatments to sportsturf to maintain health in accordance with site and sport specifications
15. Maintaining the safety and security of tools and equipment on site
16. Identifying best practice approaches to sustainability relevant to your work role
17. Contributing to completing and storing all relevant documentation in accordance with organisational procedures
18. Dealing effectively with issues within the scope and limitations of your own responsibilities in accordance with organisational procedures
19. Reporting issues which are outside the scope and limitations of your responsibilities in accordance with organisational procedures
20. Contributing to disposing of waste in accordance with legislative requirements and organisational procedures
14. Principles of selecting and combining grass species for different sports turf applications
15. Methods and techniques for ground preparation
16. When synthetic turf combined with grass are used and how to establish these
17. Factors that affect the timing of sportsturf establishment
18. Methods of protecting and caring for newly established turf, causes of damage and drying out and how to prevent this
19. Rules and standards governing relevant sports and how they impact on sportsturf surfaces for different events
20. Methods of preparing and establishing sportsturf surface conditions to meet required specifications
21. Issues which occur when establishing sportsturf and actions to take
22. Why it is important to maintain communication with others involved in establishing sportsturf and how to do this
23. Why it is important to maintain safety and security of equipment and machinery when on site
24. Potential impact of your work on surrounding areas and importance of minimising environmental damage
25. Principles of workplace sustainability and how to apply them
26. Principles of environmental good practice and how to apply them
27. Why it is important to maintain the safety and security of tools and equipment
28. Methods of communication and how to apply these
29. Digital technology used within own area of work and how to use this
30. Organisational procedures for completing and securely storing documentation
31. Scope and limitations of your own competence, responsibilities and accountability
32. Organisational procedures for reporting issues which cannot be solved
33. Organisational procedures for disposing of waste

Goal of work situation:

To control weeds, pests, diseases and disorders in order to maintain the health of grass, plants and other vegetation

Brief outline:

This is about implementing measures to control the presence of weeds, pests, diseases and disorders to prevent damage to, and maintain the health of grass, plants and other vegetation. This involves monitoring and reporting on the success of implemented control measures. Control measures include chemical, cultural and biological.

Performance requirements

1. Accessing and interpreting relevant information required to carry out your work activities
2. Checking work activities before commencing to confirm these are required
3. Contributing to the development of risk assessments associated with own work activities in accordance with organisational procedures
4. Identifying and using the correct PPE in accordance with manufacturers' guidance
5. Contributing to maintaining safety and security of tools and equipment in accordance with manufacturers' guidelines and organisational procedures
6. Communicating relevant safety and work-related information with others in accordance with organisational procedures
7. Contributing to work activities in accordance with organisational procedures
8. Identifying weeds, pests, diseases, disorders and invasive species present in grass and plants in accordance with organisational procedures
9. Implementing prescribed measures to control weeds, pests, diseases and disorders within grass and plants in accordance with legal requirements and organisational procedures

Knowledge and understanding requirements

1. Required information for your work activities and where to locate this
2. Rules, regulations, legislative requirements, business and professional ethics relevant to your working practice and to which you must adhere including access rights
3. Who to confirm your work activities with and why this is important
4. The importance of risk assessment and mitigation as relevant to own area of work
5. The importance of, and correct use of any required equipment and PPE
6. The duty to report any acts and omissions that could have a negative impact on yourself, others and your organisation
7. How to recognise weeds, pests, diseases and disorders, including hazardous and invasive species
8. Plant Protection Products (PPP) and the range of methods to control weeds, pests, diseases and disorders such as cultural, biological and chemical
9. Legal requirements for controlling weeds, pests, diseases and disorders
10. Requirements for training and certification to use chemicals and equipment for controlling weeds, pests, diseases and disorders

10. Completing training and certification needed to use required chemicals and equipment in accordance with legal and manufacturers' requirements, and organisational procedures
11. Preparing and using tools and equipment required safely in accordance with manufacturers' requirements and organisational procedures
12. Preparing and applying relevant products to control weeds, pests, diseases and disorders within grass and plants in accordance with legal, manufacturers requirements, and organisational procedures
13. Maintaining biosecurity to prevent the spread of weeds, pests and diseases withing grass and plants in accordance with organisational procedures
14. Taking action to minimise adverse impacts of control measures on habitat, wildlife and wider environments
15. Monitoring and reporting on control measure effectiveness in accordance with organisational requirements
16. Maintaining the safety and security of tools and equipment on site
17. Identifying best practice approaches to sustainability relevant to your work role
18. Contributing to completing and storing all relevant documentation in accordance with organisational procedures
19. Dealing effectively with issues within the scope and limitations of your own responsibilities in accordance with organisational procedures
20. Reporting issues which are outside the scope and limitations of your responsibilities in accordance with organisational procedures
21. Contributing to disposing of waste in accordance with legislative requirements and organisational procedures
11. Tools and equipment required to maintain grass and plant health and how to prepare, maintain and use these safely and effectively
12. How to calculate, order and apply products to control weeds, pests, diseases and disorders
13. Why it is important to maintain biosecurity and prevent spreading of weeds, pests and diseases
14. The potential impact of your work on the surrounding area and the wider environment and how this can be minimised
15. The importance of monitoring and reporting on the effectiveness of control measures and when this should be done
16. Principles of workplace sustainability and how to apply them
17. Principles of environmental good practice and how to apply them
18. Why it is important to maintain the safety and security of tools and equipment
19. Methods of communication and how to apply these
20. Digital technology used within own area of work and how to use this
21. Organisational procedures for completing and securely storing documentation
22. Scope and limitations of your own competence, responsibilities and accountability
23. Organisational procedures for reporting issues which cannot be solved
24. Organisational procedures for disposing of waste

Goal of work situation:

To maintain grassed and planted areas (turf and sod) to manage growth, maintain health and improve area aesthetics.

Brief outline:

This is about maintaining grassed and planted areas in accordance with site procedures. This involves assessing maintenance requirements, cutting and maintaining grassed areas, pruning, deadheading and replacing damaged and diseased plants, weeding and removing excessive growth and dealing with pests, diseases and disorders. This includes identifying pests, diseases, weeds, disorders and unwanted vegetation and taking appropriate action.

Performance requirements

1. Accessing and interpreting relevant information required to carry out your work activities
2. Checking work activities before commencing to confirm these are required
3. Contributing to the development of risk assessments associated with own work activities in accordance with organisational procedures
4. Identifying and using the correct PPE in accordance with manufacturers' guidance
5. Contributing to maintaining safety and security of tools and equipment in accordance with manufacturers' guidelines and organisational procedures
6. Communicating relevant safety and work-related information with others in accordance with organisational procedures
7. Contributing to work activities in accordance with organisational procedures
8. Checking grass surfaces and planted areas regularly to assess maintenance requirements in accordance with site procedures
9. Cutting grassed areas to meet site requirements and in accordance with site procedures
10. Maintaining planted areas to suit plants, their environmental conditions and overall visual impacts

Knowledge and understanding requirements

1. Required information for your work activities and where to locate this
2. Rules, regulations, legislative requirements, business and professional ethics relevant to your working practice and to which you must adhere including access rights
3. Who to confirm your work activities with and why this is important
4. The importance of risk assessment and mitigation as relevant to own area of work
5. The importance of, and correct use of any required equipment and PPE
6. The duty to report any acts and omissions that could have a negative impact on yourself, others and your organisation
7. Tools and equipment required and how to prepare, maintain and use these safely and effectively in line with legal requirements and manufacturers' instructions
8. Importance of checking grass surfaces and planted areas regularly for safety purposes and maintenance requirements and when to do this
9. Grass characteristics and growth patterns
10. Turfgrass disease cycles
11. Impact of the stages of grass and plant development and time of year on maintenance requirements
12. Effects of pollutants, climatic conditions, soil and water on grass and plant growth

11. Assessing health of grassed and planted areas to identify relevant methods to improve health and promote growth
12. Applying nutrients and moisture to improve plants and grass health and promote growth in accordance with assessment findings
13. Using cultural methods to improve health and vigour of plants and grass surfaces in accordance with site procedures
14. Providing plants with required support to maintain health and growth and improve visual appearance in accordance with site procedures
15. Removing unwanted plant material to maintain plant health and growth and improve visual appearance in accordance with site procedures
16. Removing fallen leaves and dead plant material from grassed and planted areas to improve plant health and visual appearance in accordance with site procedures
17. Controlling weeds, pests, diseases and disorders to maintain health and appearance of grassed and planted areas in accordance with legal requirements and site procedures
18. Identifying dead, damaged and diseased plants to replace and renovate plants these in accordance with site procedures
19. Re-turfing and re-seeding required grassed areas in accordance with site procedures
20. Maintaining hygiene and biosecurity in accordance with site procedures
21. Maintaining the safety and security of tools and equipment on site
22. Identifying best practice approaches to sustainability relevant to your work role
23. Contributing to completing and storing all relevant documentation in accordance with organisational procedures
24. Dealing effectively with issues within the scope and limitations of your own responsibilities in accordance with organisational procedures
25. Reporting issues which are outside the scope and limitations of your responsibilities in accordance with organisational procedures
26. Contributing to disposing of waste in accordance with legislative requirements and organisational procedures
13. When grass cutting needs carried out,
14. How to select appropriate tools, and techniques to use
15. How to safely cut grass, including on sloping surfaces
16. Methods of assessing soil condition and nutritional status and effects on grass and plant health and growth
17. Requirements for nutrients and moisture and how to provide these to promote grass and plant health
18. Cultural methods of improving the health and vigour of plants and grass surfaces and how to apply them
19. Ways to select and remove unwanted plant material to maintain plant health and improve visual impact of established displays
20. Methods of removing fallen leaves and other dead plant material and when this needs to be done
21. How to identify weeds, pests, diseases and disorders, and control methods used
22. How to recognise when plants need to be replaced and renovated and the principles of renovating plants
23. How to re-turf and re-seed grass surfaces
24. Methods of monitoring and evaluating success of grass and plant maintenance
25. Why it is important to maintain hygiene and biosecurity and methods for achieving this
26. Issues which occur when maintaining grassed and planted areas and actions to take
27. Why it is important to maintain communication with others involved in maintaining grassed and planted areas and how to do this
28. Why it is important to maintain safety and security of equipment and machinery when on site
29. Potential impact of your work on the surrounding area and the environment and how it can be minimised
30. Principles of workplace sustainability and how to apply them
31. Principles of environmental good practice and how to apply them
32. Why it is important to maintain the safety and security of tools and equipment
33. Methods of communication and how to apply these
34. Digital technology used within own area of work and how to use this
35. Organisational procedures for completing and securely storing documentation
36. Scope and limitations of your own competence, responsibilities and accountability
37. Organisational procedures for reporting issues which cannot be solved
38. Organisational procedures for disposing of waste

Goal of work situation:

To maintain sportsturf surfaces to meet sport requirements and event rules and standards.

Brief outline:

This is about maintaining sportsturf surfaces in accordance with site specifications and event rules and standards. This involves producing surfaces to desired speed, surface response to ball, animal, player, moisture content, grass cover, consolidation and trueness according to the requirements of the sport and event standard. Sportsturf maintenance includes cutting, edging, weeding, pest and disease control, nutrition application, aeration, top dressing, switching and brushing, scarifying and verticutting, irrigation, rolling, over-seeding, repairing edges and inserting turf.

Performance requirements

1. Accessing and interpreting relevant information required to carry out your work activities
2. Checking work activities before commencing to confirm these are required
3. Contributing to the development of risk assessments associated with own work activities in accordance with organisational procedures
4. Identifying and using the correct PPE in accordance with manufacturers' guidance
5. Contributing to maintaining safety and security of tools and equipment in accordance with manufacturers' guidelines and organisational procedures
6. Communicating relevant safety and work-related information with others in accordance with organisational procedures
7. Contributing to work activities in accordance with organisational procedures
8. Inspecting, assessing and reporting on the condition of sportsturf surfaces in accordance with sport specifications and site procedures
9. Preparing sportsturf surfaces prior to maintenance in accordance with site procedures
10. Marking hazards, out of bounds and ground under repair during maintenance work in accordance with site procedures

Knowledge and understanding requirements

1. Required information for your work activities and where to locate this
2. Rules, regulations, legislative requirements, business and professional ethics relevant to your working practice and to which you must adhere including access rights
3. Who to confirm your work activities with and why this is important
4. The importance of risk assessment and mitigation as relevant to own area of work
5. The importance of, and correct use of any required equipment and PPE
6. The duty to report any acts and omissions that could have a negative impact on yourself, others and your organisation
7. Tools and equipment required and how to prepare, maintain and use these safely and effectively in line with legal requirements and manufacturers' instructions
8. Relevant sports standards and specifications for sportsturf surfaces
9. Importance of inspecting, assessing and reporting sportsturf surface conditions and factors that affect health and maintenance requirements
10. Factors which affect timings of maintenance, renovation and repair of sports turf surfaces
11. Methods of protecting and caring for sportsturf surfaces, causes of damage and drying out and how to prevent these

11. Using relevant methods to renovate and repair sportsturf surfaces in accordance with site specifications and procedures
12. Maintaining drainage and irrigation requirements for sportsturf surfaces in accordance with specifications and procedures
13. Applying treatments to sportsturf surfaces to control weeds, pests, diseases and disorders and improve health in accordance with site procedures
14. Checking playing surface quality meets required sport standards and appearance
15. Maintaining the safety and security of tools and equipment on site
16. Identifying best practice approaches to sustainability relevant to your work role
17. Contributing to completing and storing all relevant documentation in accordance with organisational procedures
18. Dealing effectively with issues within the scope and limitations of your own responsibilities in accordance with organisational procedures
19. Reporting issues which are outside the scope and limitations of your responsibilities in accordance with organisational procedures
20. Contributing to disposing of waste in accordance with legislative requirements and organisational procedures
12. Rules governing the relevant sports and how they impact on the maintenance, renovation and repair of sportsturf surfaces for different events
13. Methods of preparing, maintaining, renovating and repairing sportsturf surfaces to meet required standards
14. Importance of marking hazards, out of bounds and ground under repair signage during maintenance work
15. Dangers of using equipment and machinery on slopes
16. Drainage and irrigation requirements for sportsturf surfaces
17. Effect of sportsturf treatments, how to use treatments correctly and codes of practice for applying treatments to sportsturf
18. Reasons for controlling weeds, pests, diseases, moss and disorders on sports surfaces and how to do this
19. Legal requirements for applying pesticides
20. How to check playing surface quality of sportsturf to ensure this meets sports requirements
21. Issues which occur when maintaining sportsturf surfaces and actions to take
22. Why it is important to maintain communication with others involved in the work and how to do this
23. Why it is important to maintain safety and security of equipment and machinery when on site
24. Potential impact of your work on surrounding area and importance of minimising environmental damage
25. Principles of workplace sustainability and how to apply them
26. Principles of environmental good practice and how to apply them
27. Why it is important to maintain the safety and security of tools and equipment
28. Methods of communication and how to apply these
29. Digital technology used within own area of work and how to use this
30. Organisational procedures for completing and securely storing documentation
31. Scope and limitations of your own competence, responsibilities and accountability
32. Organisational procedures for reporting issues which cannot be solved
33. Organisational procedures for disposing of waste

Goal of work situation:

To maintain wildflower-rich grasslands in amenity situations, to maintain health and improve aesthetics of areas.

Brief outline:

This is about maintaining wildflower-rich grasslands in accordance with site requirements and procedures. This involves assessing maintenance requirements, cutting and maintaining grassed areas, including introducing wildflowers as seed or plug-plants. This involves understanding how wildflower-rich grasslands help to support other wildlife such as insect pollinators, and how wildlife uses grasslands at different times of year. This includes identifying common species of wildflower, and managing grasslands to encourage them, to remove unwanted vegetation, and taking appropriate action to maintain aesthetics of areas.

Performance requirements

1. Accessing and interpreting relevant information required to carry out your work activities
2. Checking work activities before commencing to confirm these are required
3. Contributing to the development of risk assessments associated with own work activities in accordance with organisational procedures
4. Identifying and using the correct PPE in accordance with manufacturers' guidance
5. Contributing to maintaining safety and security of tools and equipment in accordance with manufacturers' guidelines and organisational procedures
6. Communicating relevant safety and work-related information with others in accordance with organisational procedures
7. Contributing to work activities in accordance with organisational procedures
8. Checking wildflower areas and grass surfaces regularly to assess maintenance requirements in accordance with site procedures

Knowledge and understanding requirements

1. Required information for your work activities and where to locate this
2. Rules, regulations, legislative requirements, business and professional ethics relevant to your working practice and to which you must adhere including access rights
3. Who to confirm your work activities with and why this is important
4. The importance of risk assessment and mitigation as relevant to own area of work
5. The importance of, and correct use of any required equipment and PPE
6. The duty to report any acts and omissions that could have a negative impact on yourself, others and your organisation
7. Tools and equipment required and how to prepare, maintain and use these safely and effectively in line with legal requirements and manufacturers' instructions
8. Importance of checking grass surfaces and planted areas regularly for safety purposes and maintenance requirements and when to do this
9. How to maintain the diversity of wildflowers in grasslands

9. Cutting and maintaining grassed areas surrounding wildflower grasslands to meet site requirements, improve the overall visual impact and signal to users that the space as a whole is being maintained
10. Maintaining wildflower grasslands in ways appropriate to their longevity and environmental conditions that support other wildlife including insect pollinators, through cut-and-lift techniques and disposal of cut arisings
11. Assessing soil fertility to identify relevant methods to reduce soil fertility and to promote growth of diversity of wildflowers
12. Using management methods to reduce grass vigour and promote diversity of wildflowers in accordance with site procedures
13. Removing periodically dead and unwanted plant material to maintain wildflower plant health and growth and improve visual appearance in accordance with site procedures
14. Removing fallen leaves and dead plant material from grassed areas to improve plant health and visual appearance in accordance with site procedures
15. Controlling weeds, pests, diseases and disorders to maintain health and appearance of wildflower grasslands and grassed areas in accordance with legal requirements and site procedures
16. Rejuvenating wildflower areas, and re-turfing and re-seeding grassed areas as required in accordance with site procedures
17. Maintaining hygiene and biosecurity in accordance with site procedures
18. Disposing of cut grass and recycling waste in accordance with site procedures
19. Checking surrounding areas and wider environments to ensure damage is minimised
20. Maintaining the safety and security of tools and equipment on site
21. Identifying best practice approaches to sustainability relevant to your work role
22. Contributing to completing and storing all relevant documentation in accordance with organisational procedures
23. Dealing effectively with issues within the scope and limitations of your own responsibilities in accordance with organisational procedures
24. Reporting issues which are outside the scope and limitations of your responsibilities in accordance with organisational procedures
10. Effects of soil nutrients, rainfall, light and climate on wildflower and grass growth
11. When grass cutting should be carried out and how to select the most appropriate tools and techniques to use
12. How to safely cut grass, including on sloping surfaces and where cut grass is lifted mechanically into hoppers
13. Methods of assessing soil condition and nutritional status and the effects on wildflowers and grasses and their growth
14. Why nutrient-poor soils favour wildflowers over grasses and how to provide and maintain nutrient poor soils to promote wildflower grasslands
15. Cultural methods for maintaining the diversity of wildflowers and how to apply them
16. Ways to select and remove unwanted plant material in wildflower grasslands and improve their ecological and visual impact
17. Methods of removing fallen leaves and other dead plant material and when this should be done
18. How to identify weeds, pests, diseases and disorders, control methods which can be used and associated legal requirements
19. How to re-turf and re-seed wildflower and grass swards; the value of local provenance for sourcing seed
20. Methods of monitoring and evaluating the success of wildflower grasslands and their maintenance
21. The importance of hygiene and biosecurity measures and how to apply these
22. Issues which occur when maintaining wildflower grasslands and actions to take
23. The importance of communicating why grasslands are being managed differently and communicating this with the wider public
24. Why it is important to maintain safety and security of equipment and machinery when on site
25. Potential impact of your work on the surrounding area and the environment and how opportunities for enhancing wildflowers can be extended elsewhere
26. Principles of workplace sustainability and how to apply them
27. Principles of environmental good practice and how to apply them
28. Why it is important to maintain the safety and security of tools and equipment
29. Methods of communication and how to apply these

25. Contributing to disposing of waste in accordance with legislative requirements and organisational procedures

30. Digital technology used within own area of work and how to use this

31. Organisational procedures for completing and securely storing documentation

32. Scope and limitations of your own competence, responsibilities and accountability

33. Organisational procedures for reporting issues which cannot be solved

34. Organisational procedures for disposing of waste

Goal of work situation:

To set out sports areas to meet sports requirements and event standards.

Brief outline:

This is about setting out sports areas in accordance with the rules of relevant sports activities. This involves checking requirements with sport rules and standards, marking out sports areas and setting up equipment.

Performance requirements

1. Accessing and interpreting relevant information required to carry out your work activities
2. Checking work activities before commencing to confirm these are required
3. Contributing to the development of risk assessments associated with own work activities in accordance with organisational procedures
4. Identifying and using the correct PPE in accordance with manufacturers' guidance
5. Contributing to maintaining safety and security of tools and equipment in accordance with manufacturers' guidelines and organisational procedures
6. Communicating relevant safety and work-related information with others in accordance with organisational procedures
7. Contributing to work activities in accordance with organisational procedures
8. Preparing and using required tools, equipment and personal protective equipment (PPE) to plan and set out sports areas
9. Checking required dimensions of sports areas to confirm they meet sport standards
10. Checking positioning and dimensions of sports areas to confirm they are laid out according to sport requirements and event standards
11. Using suitable marking equipment and materials in accordance with manufacturers' instructions to set out sports areas

Knowledge and understanding requirements

1. Required information for your work activities and where to locate this
2. Rules, regulations, legislative requirements, business and professional ethics relevant to your working practice and to which you must adhere including access rights
3. Who to confirm your work activities with and why this is important
4. The importance of risk assessment and mitigation as relevant to own area of work
5. The importance of, and correct use of any required equipment and PPE
6. The duty to report any acts and omissions that could have a negative impact on yourself, others and your organisation
7. Tools and equipment required and how to prepare, maintain and use these safely and effectively in line with legal requirements and manufacturers' instructions
8. Sources of information on standard dimensions for sports areas
9. How rules of sport impact on planning and setting out sports areas
10. Factors influencing the positioning of sports areas and equipment within total area available
11. Factors influencing choices and uses of marking equipment and materials when setting out sports areas
12. Why it is important to set out sports equipment according to sport rules and event standards
13. Mathematical and geometric principles used in setting out sports areas

12. Setting out sports equipment in accordance with sport rules and event standards
13. Checking sites and surrounding areas to confirm they are in undamaged and tidy conditions during and after planning and setting out sports areas
14. Maintaining communication with others involved in activities using appropriate communication methods in accordance with organisational procedures
15. Maintaining the safety and security of tools and equipment on site
16. Identifying best practice approaches to sustainability relevant to your work role
17. Contributing to completing and storing all relevant documentation in accordance with organisational procedures
18. Dealing effectively with issues within the scope and limitations of your own responsibilities in accordance with organisational procedures
19. Reporting issues which are outside the scope and limitations of your responsibilities in accordance with organisational procedures
20. Contributing to disposing of waste in accordance with legislative requirements and organisational procedures
14. How to mark out sports areas appropriate to sport and events and marking equipment and material choices
15. Issues which occur when setting out sports areas and actions to take
16. Why it is important to maintain communication with others involved in activities and how to do this
17. Why it is important to maintain safety and security of equipment and machinery when on site
18. Potential impact of your work on surrounding areas and importance of minimising environmental damage
19. Principles of workplace sustainability and how to apply them
20. Principles of environmental good practice and how to apply them
21. Why it is important to maintain the safety and security of tools and equipment
22. Methods of communication and how to apply these
23. Digital technology used within own area of work and how to use this
24. Organisational procedures for completing and securely storing documentation
25. Scope and limitations of your own competence, responsibilities and accountability
26. Organisational procedures for reporting issues which cannot be solved
27. Organisational procedures for disposing of waste

Goal of work situation:

To maintain artificial sports surfaces to meet sport requirements and event standards

Brief outline:

This is about maintaining artificial sports surfaces in accordance with site specifications and procedures, and sport rules and standards. This involves producing surfaces which are safe and meet required sport standards.. This includes inspecting sports surfaces, carrying out routine maintenance including removing debris, brushing, washing, moss, mould/algae control, applying weed killer, improving drainage, repairing damage, levelling, re-filling and frost protection.

Performance requirements

1. Accessing and interpreting relevant information required to carry out your work activities
2. Checking work activities before commencing to confirm these are required
3. Contributing to the development of risk assessments associated with own work activities in accordance with organisational procedures
4. Identifying and using the correct PPE in accordance with manufacturers' guidance
5. Contributing to maintaining safety and security of tools and equipment in accordance with manufacturers' guidelines and organisational procedures
6. Communicating relevant safety and work-related information with others in accordance with organisational procedures
7. Contributing to work activities in accordance with organisational procedures
8. Inspecting, assessing and reporting on the condition of artificial sports surfaces in accordance with site procedures
9. Marking of hazards, out of bounds and ground under repair during maintenance work in accordance with site procedures
10. Renovating artificial sport surfaces using required methods in accordance with site specifications and procedures

Knowledge and understanding requirements

1. Required information for your work activities and where to locate this
2. Rules, regulations, legislative requirements, business and professional ethics relevant to your working practice and to which you must adhere including access rights
3. Who to confirm your work activities with and why this is important
4. The importance of risk assessment and mitigation as relevant to own area of work
5. The importance of, and correct use of any required equipment and PPE
6. The duty to report any acts and omissions that could have a negative impact on yourself, others and your organisation
7. Tools and equipment required and how to prepare, maintain and use these safely and effectively in line with legal requirements and manufacturers' instructions
8. Standard of playing quality and appearance of artificial sports surfaces that has to be achieved for sports requirements
9. Importance of inspecting, assessing and reporting on artificial sports surface conditions
10. Maintenance requirements for artificial sports surfaces and factors which affect this including timings
11. Importance of marking hazards, out of bounds and ground under repair signage during maintenance work

11. Repairing artificial sport surfaces using required methods in accordance with site specifications and procedures
12. Cleaning and brushing artificial sports surfaces using required methods and techniques in accordance with site procedures
13. Applying treatments to artificial sports surfaces to control weeds, moss, mould and algae in accordance with site procedures
14. Carrying out other maintenance activities as required in accordance with site procedures
15. Checking playing surface quality meets required sport standard and appearance
16. Maintaining the safety and security of tools and equipment on site
17. Identifying best practice approaches to sustainability relevant to your work role
18. Contributing to completing and storing all relevant documentation in accordance with organisational procedures
19. Dealing effectively with issues within the scope and limitations of your own responsibilities in accordance with organisational procedures
20. Reporting issues which are outside the scope and limitations of your responsibilities in accordance with organisational procedures
21. Contributing to disposing of waste in accordance with legislative requirements and organisational procedures
12. Methods of maintaining, renovating and repairing artificial sports surfaces to meet required sport standards
13. Rules governing relevant sports and how they impact on maintenance, renovation and repair of artificial sports surfaces for different events
14. How to control weeds, moss, mould and algae on artificial sports surfaces
15. Legal requirements for applying chemicals
16. How to check playing quality of artificial sports surfaces meet required sports requirements
17. Issues which occur when maintaining sports turf surfaces and actions to take
18. Why it is important to maintain communication with others involved in the work and how to do this
19. Why it is important to maintain safety and security of equipment and machinery when on site
20. Potential impact of your work on surrounding areas and importance of minimising environmental damage
21. Principles of workplace sustainability and how to apply them
22. Principles of environmental good practice and how to apply them
23. Why it is important to maintain the safety and security of tools and equipment
24. Methods of communication and how to apply these
25. Digital technology used within own area of work and how to use this
26. Organisational procedures for completing and securely storing documentation
27. Scope and limitations of your own competence, responsibilities and accountability
28. Organisational procedures for reporting issues which cannot be solved
29. Organisational procedures for disposing of waste