

LANAHL22(SQA Unit Code-F7TM 04)

Manage planted areas for their amenity value



Overview

The elements are:

1. Plan and ensure the maintenance of planted areas
2. Plan and ensure the renovation of planted areas

This unit is about maintaining planted areas in an attractive and healthy condition.

Although the term `manage' is used, the unit requires all work to be carried out by you not by you supervising others.

Throughout the unit you must demonstrate you can work effectively with others colleagues and subcontractors.

This unit is appropriate to the management of the following types of planted areas:

1. shrubs
2. scrub
3. bedding
4. herbaceous
5. hedges
6. amenity turf

Maintenance operations covered include:

7. pruning
8. feeding
9. weed control
10. mulching
11. soil amelioration, removal and replacement
12. mowing

Renovation operations cover

13. pruning
14. thinning out
15. tying in

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Performance criteria

You must be able to:

Plan and ensure the maintenance of planted areas

- P1 ensure plans are consistent with the purpose, function, standards and objectives of **planted areas**
- P2 carry out **maintenance operations** to the **planted area** as planned
- P3 assess the results of **maintenance operations**, ensuring objectives, standards and safety requirements have been achieved
- P4 leave the site in an undamaged and tidy condition following operations
- P5 maintain effective working relations with relevant people throughout
- P6 keep unnecessary waste and unwanted impact on the environment to a minimum
- P7 deal with problems effectively, efficiently and safely

You must be able to:

Plan and ensure the renovation of planted areas

- P8 ensure plans are consistent with the purpose, function, renovation standards and objectives of **planted areas**
- P9 carry out **renovation operations** as planned
- P10 assess the results of **renovation operations**, ensuring agreed objectives, standards and safety requirements have been achieved
- P11 keep the site in an undamaged and tidy condition following operations
- P12 maintain effective working relations with relevant people throughout
- P13 keep unnecessary waste and unwanted impact on the environment to a minimum
- P14 deal with problems effectively, efficiently and safely

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Knowledge and understanding

You need to know and understand:

Plan and ensure the maintenance of planted areas

- K1 the principal purposes and functions of planted areas in amenity settings and how these affect their maintenance
- K2 the principles and methods of pruning and its effects on plant growth
- K3 the significance of growing habits for timing and method of pruning
- K4 the assessment of requirements for maintenance operations
- K5 methods of analysing soil condition and nutritional status
- K6 the symptoms of nutritional deficiency
- K7 the effects of the main macro and micro nutrients on plant health and growth
- K8 the effects of pollutants, climatic conditions and soil/water relations on plant growth
- K9 the principles and application of risk assessment
- K10 the possible adverse environmental impact when maintaining planted areas and how to avoid this
- K11 the typical problems that may occur and how to deal with these effectively
- K12 the statutory health and safety requirements and codes of practice relevant to the management of planted areas

You need to know and understand:

Plan and ensure the renovation of planted areas

- K13 the variety of purposes and functions for which amenity planted areas can be used
- K14 how these affect the renovation of planted areas
- K15 the principles governing the effects of pruning on woody and herbaceous plants
- K16 the principles of renovating plants to maximise their amenity value
- K17 the principles and application of risk assessment
- K18 the purposes of the range of operations used in renovation and why the selected ones have been used
- K19 the potential sources of waste and adverse environmental impact and how these can be minimised
- K20 the typical problems that may occur and how these can be dealt with effectively
- K21 the statutory health and safety requirements and codes of practice relevant to this area of work

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Additional Information

Scope/range related to performance criteria

Plan and ensure the maintenance of planted areas

1. **Planted area:**
 - 1.1. shrub areas
 - 1.2. scrub
 - 1.3. bedding
 - 1.4. herbaceous
 - 1.5. hedges
 - 1.6. amenity turf

2. **Maintenance operations:**
 - 2.1. pruning
 - 2.2. feeding
 - 2.3. weed control
 - 2.4. mulching
 - 2.5. soil amelioration
 - 2.6. removal and replacement of plants
 - 2.7. mowing

Plan and ensure the renovation of planted areas

3. **Planted area:**
 - 3.1. shrub areas
 - 3.2. scrub
 - 3.3. bedding
 - 3.4. herbaceous
 - 3.5. hedges
 - 3.6. amenity turf

4. **Renovation operations:**
 - 4.1. pruning
 - 4.2. thinning out
 - 4.3. tying in
 - 4.4. replacement
 - 4.5. mowing

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