

LANCS54 - HY3D 04

Control pests, diseases, disorders and unwanted vegetation



Overview

This standard covers the control of pests, diseases, disorders and unwanted vegetation. There are a range of techniques and tools available for control of pests, diseases, disorders and unwanted vegetation across all environments: terrestrial, freshwater, coastal and marine. Techniques can include, prevention, monitoring, control, eradication. Unwanted vegetation can include, invasive, harmful or toxic species.

You will be working in accordance with instructions and specifications and not expected to make decisions about the most appropriate methods of control to use.

You must carry out your work in a way that takes account of any impact on the environment.

This standard is suitable for those controlling pests, diseases, disorders and unwanted vegetation at different sites in different situations.

If you are working with chemicals or machinery you need to be appropriately trained in line with current legislation, and hold relevant certification where appropriate.

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Performance criteria

You must be able to:

- P1 carry out all work in accordance with instructions and specifications
- P2 carry out all work in accordance with relevant environmental and health and safety legislation, risk assessment requirements, codes of practice and company policies
- P3 maintain site bio-security to prevent pests, diseases, disorders or unwanted vegetation being imported, spread or taken off the site
- P4 maintain appropriate levels of site and personal hygiene
- P5 confirm the methods of control to be used
- P6 prepare and use equipment that is appropriate for the work, safely and effectively, including PPE where required
- P7 clarify any relevant site restrictions or designations in place
- P8 check that any necessary permissions, consents or licences are in place before commencing work
- P9 ensure you have or know where to access relevant sources of information or expertise
- P10 handle all materials carefully, safely and efficiently in accordance with instructions and specifications
- P11 implement methods of control in a way that minimises the risks to non-target species and the environment
- P12 deal with waste safely and correctly in accordance with instructions to maintain site bio-security and unwanted spread
- P13 complete records as appropriate

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Knowledge and understanding

You need to know and understand:

- K1 the importance of completing activity in accordance with instructions and specifications
- K2 the purpose, scope and objectives of the activity
- K3 the context of the site in the wider environment eg what risk the site poses to the wider environment and how the wider environment can affect the site
- K4 methods of maintaining bio-security and the reasons why it is important to help prevent pests, diseases, disorders or unwanted vegetation being imported, spread or taken off the site
- K5 the implications of the legislation that affects your work, including any constraints e.g. public access
- K6 the implications of relevant site restrictions or designations and how to obtain any relevant permissions, consents or licenses for the activity to take place
- K7 safe handling and effective use of materials, equipment (including PPE) and chemicals during the control of pests, diseases, disorders or unwanted vegetation and the importance of following instructions for use
- K8 different methods of controlling pests, diseases, disorders and unwanted vegetation in different situations
- K9 the sources of information to aid the control of pests, diseases, disorders or unwanted vegetation
- K10 methods of maintaining site and personal hygiene and why it is important
- K11 the potential impact of your activities on the environment and how to minimise this
- K12 how the location, current or past uses and the habitats found on the site may impact on the likely pests, diseases, disorders or unwanted vegetation present
- K13 the high priority invasive species currently found in the UK
- K14 the pests, diseases, disorders or unwanted vegetation that are a priority for the site
- K15 how the time of year may affect the presence and the control of pests, diseases, disorders or unwanted vegetation
- K16 the impact of pests, diseases, disorders or unwanted vegetation, how they can spread and damage the surrounding environment, structures or surfaces
- K17 safe working practices for handling or managing pests, diseases,

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- disorders or unwanted vegetation and the dangers of any toxic species
- K18 how to record appropriate details and the appropriate agencies to supply the records to
- K19 the limits of your own expertise and where to seek advice
- K20 the importance of public liability and professional indemnity insurance
- K21 relevant protocols, codes of conduct and legislation
- K22 how to handle, transport and dispose of waste in accordance with relevant legal and organisational requirements and the importance of bio-security
- K23 your responsibilities under current environmental and health and safety legislation, codes of practice and company policies

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Glossary

Specifications: work plans; drawings; schedules; method statements; Standard Operating Procedures (SOPs); manufacturers' guidelines; good practice guidelines; customer requirements

Instructions: verbal or written.

Pests may include insects, slugs, snails, rodents for example.

Diseases may be fungal, viral or bacterial.

Disorders may include nutrient deficiencies (e.g. nitrogen or calcium deficiencies).

Control methods may be manual, mechanical, biological, cultural, chemical, eradication, prevention, mitigation

Unwanted vegetation may be invasive species, harmful/toxic species, common weeds

The **GB Non-native Species Secretariat** hosts an information portal for non-native species present in the UK. It contains full details, impact and methods of control for over 300 species.

Also available on the GB Non-native Species Secretariat is the NBN search facility for monitoring where non-native species can be found in the UK, you can also link to the RICS recording facility to record any new arrivals and note the spread of existing non-natives.

Links To Other NOS

LANCS76 Arrange management of invasive or harmful species

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