

LANAnC44

Plan, manage and evaluate hygiene and bio-security when working with animals



Overview

This standard covers the process of planning, managing and evaluating the procedures and protocols developed and put in place for hygiene and bio-security when working with animals.

Good hygiene and bio-security arrangements are essential to the successful operation of any animal-related business or organisation. They should be an integral part of the ongoing management and are key factors in the promotion of animal health and welfare.

The term "work environment" is used to describe the different areas that may house animals either on a permanent or temporary basis.

The term "animal" is used to cover all species; however, specific species of animals may need different bio-security measures.

You will need to be aware of your own limitations and ensure that you meet the legal responsibilities for your duty of care under animal health and welfare legislation.

This standard is suitable for those with responsibility for planning, managing and evaluating hygiene and bio-security when working with animals.

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Performance criteria

You must be able to:

- P1 plan, implement and manage hygiene and bio-security procedures and protocols appropriate for the animals on site
- P2 identify and assess sources of advice and guidance on hygiene and bio-security when working with animals
- P3 develop a policy for the health and welfare of animals to reduce the risk of disease and infection
- P4 develop, implement and manage **procedures for infection control**
- P5 develop, implement and manage **specific requirements for infection control**
- P6 ensure all site hygiene procedures and protocols are developed in accordance with relevant legal requirements and codes of practice
- P7 ensure risk assessments of site hygiene and bio-security are carried out, and ensure management practices aim to minimise potential breaches
- P8 ensure all agreed site hygiene and bio-security procedures and protocols are communicated to and understood by relevant parties including staff, contractors, visitors and customers
- P9 ensure systems for record keeping meet legal requirements for site hygiene and biosecurity
- P10 ensure working practices promote health and safety and are consistent with relevant legislation and codes of practice
- P11 evaluate the effectiveness of all site hygiene and bio-security procedures and protocols and update them accordingly

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Knowledge and understanding

You need to know and understand:

- K1 the need for site hygiene and bio-security procedures and protocols when managing animals and the implications of not having them
- K2 sources of information and specialist advice on hygiene and biosecurity when working with animals
- K3 how to plan site **hygiene and bio-security procedures** and protocols in accordance with legal requirements
- K4 the potential risk of exposure to infectious microorganisms when working with animals
- K5 the principles and causes of infection, cross-infection, transmission and colonisation
- K6 the meaning and significance of the terms pathogenic, non-pathogenic, zoonotic, anthrozoonotic, notifiable, infectious and contagious
- K7 the advice that should be given to others to minimise infection risks with animals
- K8 the range of health conditions that may require quarantine and how to set up and maintain quarantine conditions
- K9 how the spread of infection or cross-contamination can be minimised
- K10 the different methods of hand hygiene and their correct use
- K11 the types and use of personal protective equipment (PPE) and dress requirements for site hygiene and bio-security in animal management
- K12 the types and use of disinfection and sterilisation techniques
- K13 the use of policies controlling access to different areas of the work environment, to include zoning and protective barriers
- K14 how to develop a **policy for the health and welfare of animals** to reduce the risk of illness, infection or disease
- K15 why it is important to encourage the reporting of any personal health conditions that may increase the risk of transmission, including immunosuppression and allergies
- K16 the need for risk assessment regarding hygiene and bio-security in general and the details of any specific standards
- K17 how to ensure that all site hygiene and bio-security procedures and protocols are communicated and implemented correctly and in accordance with legal requirements
- K18 the importance of establishing a system for record keeping to meet legal

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requirements for site hygiene and bio-security

- K19 organisational responsibilities under health and safety legislation and codes of practice and, in particular, the requirements for potentially hazardous substances
- K20 the relevant external authorities who are authorised to inspect, and what will be required at inspection
- K21 the importance of evaluating the effectiveness of site hygiene and bio-security procedures and protocols and making changes where required
- K22 new and emerging disease threats

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Scope/range

Hygiene and bio-security procedures could include:

- 1 site bio-security
- 2 hygiene requirements for facilities, equipment and personnel
- 3 storage and disposal of waste

Policy for the health and welfare of animals could include:

- 4 dietary requirements
- 5 accommodation requirements
- 6 health monitoring appropriate to the species
- 7 requirements for prophylactic treatments
- 8 veterinary attention

Procedures for infection control could include:

- 9 provision and use of Personal Protective Equipment (PPE)
- 10 standard of hygiene required for personnel
- 11 provision and use of disinfection or sterilisation methods and materials
- 12 infection control routines and schedules
- 13 signs and labelling of bio-security measures to take

Specific requirements for infection control could include:

- 14 arrival of new animals
- 15 visiting animals
- 16 movement of animals
- 17 where there is increased risk of infection or transmission
- 18 suspected infection or disease

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Developed by	Lantra
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Version number	2
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Date Approved	January 2014
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Indicative review date	January 2019
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Validity	Current
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Status	Original
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Originating organisation	Lantra
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Original URN	LANACM13
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Relevant occupations	Animal Care; Animal Facility Manager
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Suite	Animal Care and Welfare; Animal Technology
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Keywords	animals; care; hygiene; bio-security; infection control; zoonoses
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