
Overview

This standard covers the administering of substances to animals in a Home Office designated establishment.

You must administer the appropriate substances to animals (enteral, parental, topical) ensuring that the dosage is correct. You must select and use the most appropriate route for the administration of the substance. Substances may be administered for a variety of purposes and using a variety of routes; these will be dictated by the work of your organisation and your specific responsibilities.

This standard is for licensed animal technologists in Home Office designated establishments.

It is essential that you work strictly within the limits of both your personal licence and the relevant project licence.

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Performance criteria

You must be able to:

- P1 use safe practices and the appropriate personal protective equipment for scientific or technical activities
- P2 maintain appropriate levels of hygiene and bio-security
- P3 confirm the identity of the animal and the procedure to be undertaken against available information
- P4 confirm that all the required equipment and materials are available and in a fit state for use
- P5 calculate the correct dosage of substances to be administered to the animal according to their body weight
- P6 handle and restrain animals as necessary for procedures
- P7 administer the correct dose of substances to animals via the appropriate route according to the requirements of the procedure and the condition of the animal
- P8 minimise the discomfort and stress of the animal wherever possible
- P9 observe animal for any adverse effects and take appropriate action
- P10 deal with waste safely and correctly in accordance with legislation
- P11 conduct all activities within the provision of your personal licence and the project licence
- P12 keep accurate and up to date records as required by relevant legislation and the organisation
- P13 comply with legislation relating to the care and welfare of animals in a Home Office designated establishment
- P14 carry out all work in accordance with relevant environmental and health and safety legislation, risk assessments requirements, codes of practice and company policies

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Knowledge and understanding

You need to know and understand:

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| K1 | the importance and correct use of personal protective equipment for scientific or technical activities |
| K2 | the importance of maintaining appropriate levels of hygiene and bio-security and how this can be achieved |
| K3 | the type of information that could be used to identify the animal and the planned procedure |
| K4 | equipment and materials required for different procedures and how to identify that they are in a fit state for use |
| K5 | how to calculate the correct dosage of substance(s) to be administered to animals according to their body weight |
| K6 | how to administer substances to animals using the appropriate route |
| K7 | how to minimise the discomfort and distress of animals during non-surgical procedures |
| K8 | the records which are necessary for internal and external purposes regarding the administration of substances |
| K9 | the legal and organisational requirements for the handling, storage and disposal of waste |
| K10 | the provisions of your personal licence and the provisions of the project licence |
| K11 | the possible adverse effects of administered substances and the action to take |
| K12 | appropriate records to be kept and their significance |
| K13 | your responsibilities for the care and welfare of animals in a Home Office designated establishment under relevant animal welfare legislation, European directives and UK codes of practice |
| K14 | your responsibilities under relevant environmental and health and safety legislation, codes of practice and company policies |

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Developed by	Lantra
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Originating organisation	Lantra
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Original URN	O29NAT9
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Relevant occupations	Licensed Animal Technologist; Senior Animal Technologist; Team Leader; Animal Facility Manager
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Suite	Animal Technology
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