

LANAT6

Prepare animals and equipment for general procedures in a Home Office designated establishment



Overview

This standard covers the preparation of animals and equipment for general procedures in a Home Office designated establishment.

You will be required to prepare for procedures by ensuring that the necessary equipment and materials are available and in a fit state for use, restraining and preparing the animal for the procedure and monitoring environmental conditions, such as light, temperature, noise as required.

You should have a good understanding why animals are used, and be constantly reminded of man's obligation to them, and our responsibility for ensuring their proper care and treatment at all times.

This standard is for animal technologists or support staff who have responsibility for preparing animals and equipment for general procedures in a Home Office designated establishment.

LANAT6

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Performance criteria

You must be able to:

- P1 use safe practices and appropriate personal protective equipment when carrying out scientific or technical activities
- P2 maintain appropriate levels of hygiene and bio-security
- P3 assess the potential risks to health and safety in this area of work
- P4 select and confirm the identity of the animal according to the requirements of the general procedure
- P5 acclimatise the animal to the environment to reduce stress
- P6 handle and restrain the animal using suitable method(s) and prepare it according to instructions
- P7 select and prepare appropriate equipment necessary for the efficient conduct of the procedure
- P8 select, prepare and store appropriate materials required for the procedure
- P9 monitor the animal for potential adverse reactions and take appropriate action
- P10 take the necessary protective measures to prevent cross-infection or injury to the animal
- P11 monitor environmental conditions to suit the needs of the animal and the procedure being undertaken, and report any necessary adjustments to the appropriate person
- P12 confirm the completion of the correct preparation and conditioning
- 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 assessment requirements, codes of practice and company policies

LANAT6

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Knowledge and understanding

You need to know and understand:

- K1 the factors influencing the selection of a suitable animal, by reviewing the proposed procedure and its purpose
- K2 different identification methods, methods of application, their limitations and contradictions
- K3 how to interpret identification marks and codes
- K4 what type of information could be used to identify the animal, its condition and the planned general procedure
- K5 behavioural conditioning techniques for the animal
- K6 handling and restraining techniques for different procedures, including the use of restraining equipment
- K7 how to acclimatise animals to the environment to minimise stress
- K8 current legislation relating to the conduct of scientific procedures on animals and the need for appropriate licences
- K9 current legislation in respect of handling and storage of medicines and drugs
- K10 appropriate infection control measures
- K11 methods of sterilising equipment and materials
- K12 what types of preparation activities should be undertaken for different types of procedure
- K13 equipment and materials for different procedures, and the correct ways of preparing and positioning them
- K14 the common faults that occur with equipment and materials, and the action to take for each types of fault
- K15 how to monitor and recognise potential adverse reactions in animals and the action to take
- K16 the environmental conditions that should exist for different animals and for different types of procedure
- K17 how to monitor and adjust environmental conditions to suit the needs of the animal and the planned procedure
- K18 appropriate records to be kept and their significance
- K19 the importance and correct use of personal protective equipment for scientific or technical activities
- K20 the importance of maintaining appropriate levels of hygiene and bio-security and how this can be achieved
- K21 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
- K22 your responsibilities under current environmental and health and safety legislation, codes of practices and company policies

LANAT6

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Glossary

Factors influencing the selection of a suitable animal: strain, age, weight, sex, species.

Identification methods: body marks, tags, electronic means.

LANAT6

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