
Overview

This standard covers the activities required to prepare an environment for a Home Office licensee to carry out a scientific procedure in a Home Office designated establishment.

You will be acting as the licensee's assistant following written or verbal instructions. You should be aware of the contribution good preparation will have on the speed of the procedure, thus, lessening the impact on the animal(s). Although not performing the procedure yourself, you must be aware of what is to be done, and the special equipment or conditions that may be required.

Procedures could be either surgical or non-surgical, and you must be able to prepare for either type. When surgical procedures are to be performed you will require a thorough knowledge of aseptic technique, and the methods of sterilisation, disinfection and the safe disposal of clinical and non-clinical waste.

This standard is for animal technologists or support staff who have responsibility for preparing environments for scientific procedures in a Home Office designated establishment.

LANAT4

Prepare environments for scientific procedures in a Home Office designated establishment

Performance criteria

You must be able to:

- P1 use safe practices and appropriate personal protective equipment when carrying out scientific or technical activities
- P2 confirm availability of facilities and equipment
- P3 maintain appropriate levels of hygiene and bio-security
- P4 prepare the environment to the correct level of cleanliness and make it ready for safe working practices
- P5 set up the necessary services and environmental conditions for the procedure
- P6 prepare the equipment and materials for the procedure and make them ready for use according to instructions
- P7 clean equipment and deal with waste safely and correctly in accordance with instructions
- P8 report any problems with equipment or materials to the appropriate person
- P9 use the correct aseptic techniques to minimise the possibility of infection and cross contamination
- P10 carry out all work in accordance with relevant environmental and health and safety legislation, risk assessment requirements, codes of practice and company policies

LANAT4

Prepare environments for scientific procedures in a Home Office designated establishment

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 and technical activities |
| K2 | the importance of maintaining appropriate levels of hygiene and bio-security and how this can be achieved |
| K3 | how to prepare environments for scientific procedures and confirm the availability of facilities and equipment |
| K4 | the types of equipment and materials required |
| K5 | basic safety procedures in handling, using and maintaining equipment |
| K6 | how to clean equipment and safely dispose of waste or damaged items |
| K7 | to whom problems should be reported |
| K8 | methods for transport of chemicals from bulk storage, including cylinders of gases where appropriate |
| K9 | the methods and importance of aseptic techniques covering sterilisation, disinfection and prevention of cross contamination |
| K10 | your responsibilities under relevant environmental and health and safety legislation, codes of practice and company policies |

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Developed by Lantra

Version number 2

Date approved February 2013

Indicative review date February 2018

Validity Current

Status Original

Originating organisation Lantra

Original URN O29NAT2

Relevant occupations Animal Technologist; Auxiliary Technician

Suite Animal Technology

Key words scientific procedures; surgical; non-surgical; animal; research
