**Section A – Legislation, 3Rs and ethics**

**Learning outcomes**

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| **Trainees should be able to:** |
| 6.3.1 Describe the regulatory framework for the scientific use of animals and in particular controls relating to the conduct of humane killing and confirming death – including role of named persons and the Animal Welfare Body. |
| 6.3.2 Recognise societal views about the scientific use and humane killing of animals. |
| 6.3.3 Have an understanding of the ethical principles underlying the use of animals and of their own role in contributing to the ‘culture of care’. |
| 6.3.4 Relate ways in which the three Rs can be applied to the humane killing of animals. |

**Section B – Species specific handling**

**Learning outcomes**

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| **Trainees should be able to:** |
| 6.3.5 Demonstrate appropriate techniques for the safe and competent handling of relevant species. Be able to approach, handle / pick up and restrain an animal and return it to its cage / pen in a calm, confident and empathetic manner such that the animal is not distressed or caused harm. Explain the importance of transporting animals correctly and safely. |
| 6.3.6 Describe the normal and abnormal behaviour and the behavioural requirements of relevant species and be able to recognise and discuss strategies for minimising and responding to occurrences of pain, suffering and distress. |
| 6.3.7 Describe in outline the basic biological and husbandry needs of relevant species. |

**Section C – Safe working practices**

**Learning outcomes**

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| **Trainees should be able to:** |
| 6.3.8 Discuss the importance of correct storage and handling of chemical agents used for humane killing and maintaining hygiene in the workplace. |
| 6.3.9 Describe the correct procedures to deal with accidental exposure or spillage. |
| 6.3.10 Describe the basic hygiene rules and relate these to the workplace. |
| 6.3.11 Relate the importance of correct disposal of different categories of waste (clinical waste, hazardous waste and normal waste) and describe appropriate strategies. |
| 6.3.12 Explain how engineering solutions combined with personal protection equipment can minimize exposure to laboratory animal allergens preventing sensitisation |
| 6.3.13 Identify clinical symptoms commonly associated with allergy to laboratory animals. |
| 6.3.14 Describe what is meant by zoonosis, and explain why contact with different species (in particular non-human primates) constitutes a potential human health hazard. |

**Section D – Species specific humane killing**

**Learning outcomes**

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| **Trainees should be able to:** |
| 6.3.15 Describe the principles of humane killing (e.g. what constitutes a ‘good death’. |
| 6.3.16 Describe the different methods by which the relevant animals are allowed to be killed, the influence different methods can have on scientific outcomes, if relevant, and how to select the most appropriate method. |
| 6.3.17 Explain why someone competent to kill animals should be available at all times (whether care staff or person carrying out procedures). |
| 6.3.18 Proficiently and humanely carry out euthanasia using appropriate of techniques on relevant species of laboratory animals. |
| 6.3.19 Demonstrate how death is confirmed and how cadavers should be processed or otherwise disposed of. |