

# LANNCU36 - SQA Unit Code F8HT 04

## Enable animals to reproduce and care for their young



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### Overview

This standard covers reproduction and caring for young animals. The care of pregnant animals and the care of their young are also covered in this standard. The standard therefore has a broad focus, which spans the breeding cycle. The term 'parturition' means the birth process. You must maintain the health of the animals and recognise any health problems.

The elements are:

1. Enable animals to initiate pregnancy
2. Care for animals during gestation and parturition
3. Care for young animals

Element 1 covers the fertilisation of animals through natural methods or by artificial insemination. You will be able to decide when the animals are ready for servicing and identify when pregnancy has been successfully achieved.

Element 2 covers the care required for animals during gestation and parturition. It considers setting up the correct environment, the health of the animal, parturition procedures, correct disposal of waste and record keeping.

Element 3 is about the care required for animal mothers and their young after birth and during weaning. It includes methods of artificial rearing where required, animal health, behaviour and welfare, methods of weaning and correct disposal of waste.

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### Performance criteria

*You must be able to:*

#### **Enable animals to initiate pregnancy**

- P1 select animals which are suitable for breeding at the suitable time
- P2 check the **physical condition** of the animals, their readiness for breeding, and prepare the animals in the appropriate manner
- P3 facilitate **fertilisation** according to the method selected
- P4 maintain the health and condition of the breeding animals throughout the reproductive cycle
- P5 maintain complete, accurate and legible breeding records throughout
- P6 work in ways which promote health and safety and are consistent with relevant legislation and codes of practice

*You must be able to:*

#### **Care for animals during gestation and parturition**

- P7 maintain the correct **environment** throughout the gestation period and parturition
- P8 observe the condition of the female throughout the gestation period and take the appropriate **action** if variations from the normal occur
- P9 take the appropriate **action** if the female is observed to be in distress during parturition
- P10 check the condition of the female and her offspring at appropriate times and intervals
- P11 identify, and respond correctly, to situations where the substitution of mother or offspring is necessary
- P12 work in ways which promote health and safety and are consistent with relevant legislation and codes of practice
- P13 dispose of **waste** safely and correctly
- P14 keep accurate, legible and complete breeding records

*You must be able to:*

#### **Care for young animals**

- P15 **monitor** the health and condition of the mother and young after birth and take the appropriate action to **promote** health and welfare
- P16 take the appropriate action without delay when there are any problems with the health of the young animal
- P17 carry out weaning correctly
- P18 carry out any methods for artificial rearing correctly and in a manner which is appropriate to the animal and its condition
- P19 keep records which are accurate, legible and complete
- P20 dispose of **waste** in a safe manner and place
- P21 work in ways which promote health and safety and are consistent with relevant legislation and codes of practice

### Knowledge and understanding

*You need to know and understand:*

#### **Enable animals to initiate pregnancy**

- K1 methods of selecting individual animals for breeding
- K2 how to determine the best time from the relationship between the reproductive cycle, the age of the animal and its last pregnancy
- K3 health and physical assessment of animals
- K4 identification of mating for different animals
- K5 timing and preparation for mating
- K6 how pregnancy is identified in animals and how this may differ between different animals
- K7 why it is necessary to maintain breeding records
- K8 mating behaviour which determines or precludes mating method
- K9 identification of oestrus
- K10 anatomy of male and female reproductive systems
- K11 factors which influence conception
- K12 details of special arrangements for care of breeding and non-breeding males
- K13 your own responsibilities under animal welfare and health and safety legislation

*You need to know and understand:*

#### **Care for animals during gestation and parturition**

- K14 environments which are conducive to the well-being of animals during gestation and parturition
- K15 signs which indicate the health of the animal during the gestation period and those which may indicate variation from the normal
- K16 when to check the condition of the female and her offspring according to stage in pregnancy, progress and health and well-being of the animal
- K17 normal behaviour associated with parturition
- K18 health problems associated with parturition and how the risks of contraction can be minimised
- K19 forms of assistance to be given to animals during parturition
- K20 the situations where it may be necessary to substitute mother or offspring and fostering procedures to support this
- K21 why it is necessary to maintain breeding records
- K22 your own responsibilities under animal welfare and health and safety legislation

*You need to know and understand:*

#### **Care for young animals**

- K23 factors which affect the health and condition of mother and young
- K24 behavioural signs of animal health and well-being and their significance for the health of mother and young
- K25 how the health and well-being of mother and young can best be

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- K26 methods of weaning, and the indications for their use
- K27 options for artificial rearing and the likely consequences for the well-being of the animal(s)
- K28 why it is necessary to maintain breeding records
- K29 potential problems encountered by young animals such as loss of mother, competition, risk of damage and disease, loss of milk supply, and appropriate actions to tackle them
- K30 the difference between contaminated and non-contaminated waste and their safe disposal
- K31 your responsibilities under animal welfare and health and safety legislation

### Additional Information

#### Scope/range related to performance criteria

#### Enable animals to initiate pregnancy

1. **physical condition::**
  - 1.1. appearance
  - 1.2. weight
  - 1.3. posture and movement
  - 1.4. behaviour
  - 1.5. reproductive cycle
  - 1.6. sexually transmitted diseases
  - 1.7. inherited diseases
  - 1.8. age of animal and its last pregnancy
2. **fertilisation:**
  - 2.1. natural methods
  - 2.2. artificial insemination

#### Care for animals during gestation and parturition

3. monitor the following aspects of the **environment:**
  - 3.1. food and water
  - 3.2. environmental conditions
4. **actions:**
  - 4.1. giving assistance
  - 4.2. reporting to the appropriate person
5. **waste:**
  - 5.1. contaminated
  - 5.2. non-contaminated

#### Care for young animals

6. **monitor:**
  - 6.1. appearance
  - 6.2. posture and movement
  - 6.3. behaviour
7. **promote** the health and welfare of the animals through attention to:
  - 7.1. diet
  - 7.2. living conditions
  - 7.3. skin/coat care
8. **waste:**
  - 8.1. contaminated
  - 8.2. non-contaminated

## **LANNCU36** - SQA Unit Code F8HT 04

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