

# LANNAC13 - SQA Unit Code F8JD 04

## Plan, monitor and evaluate the establishment and management of animal populations



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### Overview

The elements are:

1. Plan the establishment and management of animal populations
2. Monitor and evaluate the establishment and management of animal populations

This standard describes the competences needed by those whose work role is to plan the establishment of animal populations, monitor progress and to intervene where monitoring reveals the need. Those who undertake this role will probably be working in a conservation role where they are required to plan and monitor the establishment of a population of wild animals or animals for release into the wild.

Element 1 involves the planning of the establishment and management of animal populations. You will be able to produce plans that achieve a balance between the intended purpose of establishment/management and the opportunities and constraints relating to the activity.

Element 2 covers the monitoring and evaluation of establishment and/or management of animal populations. You will select and implement monitoring methods and to take appropriate action where establishment and management are not going according to plan.

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### Performance criteria

#### Plan the establishment and management of animal populations

*You must be able to:*

- P1 establish the intended purpose of the animal population
- P2 identify **opportunities and constraints** relevant to establishing and managing the animal population
- P3 produce plans that achieve the best balance between the intended purpose and the **opportunities and constraints**
- P4 identify the **resources** required to achieve the plan and establish their availability
- P5 produce plans that contain the necessary **information** for their effective implementation in the context of the specific site
- P6 present your plans in a way which is suitable for those who are to use it.

#### Monitor and evaluate the establishment and management of animal populations

*You must be able to:*

- P7 select monitoring methods which are appropriate to the establishment and management **plan** and those implementing it
- P8 monitor establishment and management at optimal frequencies to evaluate progress and confirm adherence to **plan**
- P9 take the appropriate **action** when monitoring reveals deviations from **plan**
- P10 take the appropriate **action** where unforeseen circumstances arise during establishment and management.

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### Knowledge and understanding

*You need to know and understand:*

#### Plan the establishment and management of animal populations

- K1 planning methods and the circumstances in which they apply
- K2 methods for identifying the opportunities and constraints to establishing and managing animal populations
- K3 the requirements and legislation relating to the establishment and management populations
- K4 the sources of information
- K5 the legislation relating to planning of sites and use of sites for the care and breeding of animals
- K6 the legislation relating to the storage and disposal of waste
- K7 methods available for assessing population growth targets
- K8 methods available for calculating the size and types of facilities required for assessed population growth

#### Monitor and evaluate the establishment and management of animal populations

*You need to know and understand:*

- K9 methods available for determining the appropriate responses to unforeseen circumstances
- K10 the factors which damage the establishment of animal populations and how these can be countered
- K11 the factors that aid population growth and how these can be encouraged
- K12 methods available monitoring adherence to plan.

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### Additional Information

#### Scope/range related to performance criteria

#### Plan the establishment and management of animal populations

1. **opportunities and constraints:**
  - 1.1. legal
  - 1.2. environmental
  - 1.3. social, cultural and aesthetic
  - 1.4. economic
  - 1.5. physical
  - 1.6. organisational
  - 1.7. timing/seasonality
2. identify the need for, and availability of, the following **resources:**
  - 2.1. human
  - 2.2. financial
  - 2.3. material
  - 2.4. capital
  - 2.5. animal
3. **information:**
  - 3.1. site preparation
  - 3.2. methods of work
  - 3.3. sequence of operations
  - 3.4. disposal of waste
  - 3.5. site maintenance
  - 3.6. health and safety requirements.

#### Monitor and evaluate the establishment and management of animal populations

4. monitor and evaluate against the following aspects of adherence to **plan:**
  - 4.1. quality of outcomes
  - 4.2. quality of working methods and practice
  - 4.3. resource use
  - 4.4. scheduling
  - 4.5. progress
5. **action:**
  - 5.1. cessation of work (temporary or permanent)
  - 5.2. reporting to others in responsibility
  - 5.3. feedback information for review of plan

## **LANNAC13** - SQA Unit Code F8JD 04

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**Relevant occupations** Agriculture, Horticulture and Animal Care; Animal care and veterinary science

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**Suite** Animal Care V2

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