Overview

This standard describes the competences required for planning and monitoring diets and feeding regimes for animals. It requires you to be able to specify diets and feeding regimes, and to monitor and evaluate the feeding of animals over a period of time.

The elements are:

1. Specify diets and feeding regimes
2. Monitor and evaluate the feeding of animals

Element 1 relates to identifying and specifying the appropriate diets and feeding regimes for animals. You will be able to identify the nutritional requirements of animals and the associated resources needed to meet these requirements. You will also communicate information on diets and feeding regimes to those responsible for feeding animals.

Element 2 involves the monitoring and evaluation of feeding. You will be able to monitor feeding and evaluate animal health and development. You will also take appropriate action when monitoring reveals the needs of the animal are not being met.
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Performance criteria

You must be able to:

Specify diets and feeding regimes
P1 identify the nutritional requirements of animals taking into account all relevant factors
P2 identify the resources available to meet such nutritional requirements and assess their sufficiency
P3 take appropriate action when resources are insufficient
P4 specify diets and feeding regimes which achieve the best balance between animal health and well-being, and available resources, according to legislation
P5 specify diets and feeding regimes to a level of detail sufficient to allow others to implement them
P6 where necessary, make modifications to the dietary plan which are consistent with feedback received and the needs of the animals concerned
P7 specify and organise personnel requirements to support routines and schedules
P8 specify the arrangements for monitoring and reviewing diets and feeding regimes

You must be able to:

Monitor and evaluate the feeding of animals
P9 select monitoring methods appropriate for the dietary plan, the animals concerned and those implementing it
P10 monitor the feeding process at optimum times to assess progress and confirm adherence to plan
P11 evaluate animal health and development against the specified objectives
P12 identify any deviations from the plan and take the appropriate action
P13 evaluate the effectiveness of the plan in meeting its objectives in the light of feedback about animal health and well-being
P14 take the appropriate action in response to any unforeseen circumstances
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Knowledge and understanding

You need to know and understand:

Specify diets and feeding regimes
K1 the main sources of information available to establish dietary requirements
K2 the factors in animal diets other than those affecting nutrients such as presentation, cost, method of feeding
K3 the reasons for including any dietary additives or substitutes and the legislation which relates to such inclusion (e.g. the Food and Environment Protection Act)
K4 the types of dietary additives which there are and their different purposes
K5 the types of commercial substitute foods and vitamin/mineral supplements available - quantities required, common side effects or adverse effects of inaccurately calculated levels
K6 the reasons for using different systems for feeding
K7 the diseases and illnesses which require special diets
K8 the sources of feedback on nutrition including condition and behaviour of animals, expenditure against budgets, and quantities of food uneaten
K9 the actions to take if there are insufficient resources, including; changing the plans whilst still promoting animal health and well-being, and procuring more resources to meet shortfall
K10 your own responsibility under health and safety and animal welfare legislation
K11 how to communicate effectively with others

Monitor and evaluate the feeding of animals
K12 the factors to be monitored including animal behaviour and condition, quantities being eaten, and costs of feeding
K13 how to monitor quality of outcomes of the feeding, quality of working methods and practice, resource use in feeding and scheduling effectively
K14 the indicators of animal health and development and signs of ill health
K15 the options available for changing feeding regimes within the plan
K16 how to calculate the effectiveness of feeding in achieving animal growth and development
K17 the methods available for modifying feeding regimes
K18 the feed characteristics and function within feeding regimes
K19 the dietary requirements of animals at different stages of life and in relation to the reason for them being kept
K20 the factors to be taken into account when determining courses of action in unforeseen circumstances.
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Additional Information

Specify diets and feeding regimes

1. **nutritional requirements:**
   1.1. feed
   1.2. water
   1.3. supplementary feed
2. **factors:**
   2.1. type of animals
   2.2. age of animals
   2.3. condition of animals
   2.4. purpose for which animals are being kept
3. specify **plans** containing details of all of the following:
   3.1. content
   3.2. frequency
   3.3. quantity
   3.4. storage of feed
   3.5. preparation methods
   3.6. health and safety measures

Monitor and evaluate the feeding of animals

4. **monitor** the following aspects of the implementation of plans:
   4.1. quality of outcomes
   4.2. quality of working methods and practice
   4.3. resource use
   4.4. scheduling
5. **actions:**
   5.1. feedback information for the review of plan
   5.2. feedback information to those implementing plan on how their work should improve
   5.3. change resource use or allocation
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Plan and monitor animal diets and feeding regimes

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