

Overview

This standard is about collecting information to monitor the growth and development of fish. It includes the preparation and maintenance of measuring equipment and the collection of information used to determine the growth and development of fish. It requires that work is completed in accordance with site standard operating procedures.

This standard is for those who collect information on fish growth and development.

Performance criteria

You must be able to:

1. prepare weighing and measuring equipment to collect accurate information about fish growth and development
2. obtain representative samples of fish from holding units while minimising the disturbance caused to remaining fish
3. anaesthetise fish, where necessary, to the correct stage of anaesthesia
4. use measuring equipment accurately to determine **growth and development** of fish
5. prepare and handle fish in a manner that minimises stress and maintains health and welfare
6. maintain measuring equipment in a serviceable condition throughout the sampling process
7. clean and store fish measuring equipment after use
8. maintain appropriate levels of hygiene and bio-security
9. provide information to maintain records of fish growth and development in accordance with legal and site requirements

Knowledge and understanding

You need to know and understand:

1. the relevant health and safety requirements associated with the sampling process
2. the importance of collecting accurate information on fish growth and development to fish farm production
3. how anaesthetics can be used to assist the collection of accurate data and to minimise the stress caused to fish, and how to ensure that the correct amount of anaesthetic is administered
4. the standard measurements that are commonly used to specify the size of individual fish
5. the importance of maintaining measuring equipment in a serviceable condition, including keeping calibration correct
6. the importance of hygiene and bio-security
7. how to collect representative samples of fish
8. how assessments are used to determine performance in order to meet production targets
9. the equipment and methods used to sample and assess fish
10. the legal and site requirements for maintaining records of fish growth and development

Collect information on fish growth and development

Scope/range

This standard requires that you **determine growth and development** in fish including:

- weight gain
- changes in length
- physical characteristics

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Suite Aquaculture

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