

LANAqu1 SQA Unit Code HC0D 04

Prepare holding units to receive fish



Overview

This standard is about preparing holding units to receive fish. It includes providing a safe, secure and clean environment, which will maintain the health and welfare of the fish to be stocked. It covers the knowledge and skills required both to establish conditions within the holding units and to understand measures that control outside influences, such as the actions of pest and predator species. It requires that work is completed in accordance with site standard operating procedures.

This standard requires that you ensure that the holding unit is set up to receive and hold fish securely and to keep them safe from the actions of pests and predators, and that you carry out work in line with industry codes of practice.

This standard is for those who prepare holding units to receive fish.

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Performance

criteria

You must be able to:

- P1 carry out work safely in line with relevant health and safety requirements
- P2 prepare and clean **holding units** so that they are in a state suitable to receive fish
- P3 check the security and integrity of holding units
- P4 confirm that environmental conditions within the holding units are suitable for receiving fish
- P5 check that the pest and predator preventative measures and devices are effectively applied to holding units
- P6 check that appropriate feeding facilities are available

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Knowledge and understanding

You need to know and understand:

- K1 the relevant health and safety requirements associated with the preparation of holding units
- K2 the environmental conditions (water temperature, quality, and quantity) required by the fish species being farmed
- K3 how adverse environmental conditions can affect the preparation of holding units
- K4 the importance of ensuring the security and integrity of holding units
- K5 common pests and predators and the impact of their presence on farm stock
- K6 the relevant legal pest and predator preventative measures and devices
- K7 the importance of hygiene and bio-security for farmed fish
- K8 the different types of holding units used
- K9 the importance of measuring the **carrying capacity** of the holding units in order to ensure that the welfare requirements of the fish to be stocked are met
- K10 how the carrying capacity of holding units is calculated
- K11 how production plans control the stocking process
- K12 the different types of feeding systems used in holding units

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Glossary

holding units - facilities used to hold fish or shellfish in a controlled production environment e.g. cages, pens, ponds, tanks, longlines, raceways, lantern nets, socks/tubing, bags, etc.

carrying capacity - the biomass of fish that a body of water can support

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