

Overview

This standard is about planning and organising electrofishing operations so that the objectives of the fishing activity are safely met. It includes being able to establish electrofishing activities so that the resources required to support the operation are available, those involved fully understand the requirements, and the planned approach suits the characteristics of the fishery and the fish being targeted.

This standard requires that the following equipment is correctly prepared:

1. electrofishing equipment
2. generator and fuel
3. nets
4. boat(s) and trailers
5. personal protective equipment
6. communication equipment

This standard requires the ability to plan electrofishing operations covering:

1. survey type
2. fishing technique
3. equipment usage
4. data collection and reporting
5. fish handling
6. storage
7. processing

This standard requires that you carry out work safely in line with legal health and safety requirements and that you work to maintain bio-security and minimise environmental disturbance at all times.

The legislation controlling the application of this standard will vary depending on the location of the fishery within England, Wales, Northern Ireland or Scotland.

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Plan and organise electrofishing operations

Performance criteria

You must be able to:

- P1 carry out work safely in line with health and safety requirements
- P2 plan electrofishing operations according to survey requirements
- P3 organise resources to achieve planned electrofishing objectives according to characteristics of water body (still water and running water)
- P4 check that equipment is prepared into a serviceable and safe operating condition in preparation for electrofishing operations
- P5 check that fish holding facilities are in a condition suitable for receiving, processing and maintaining health and wellbeing of fish
- P6 communicate requirements of the fishing activity to all those involved
- P7 check that those involved in electrofishing activities are fully trained according to organisational requirements

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Knowledge and understanding

You need to know and understand:

- K1 the health and safety requirements associated with electrofishing
- K2 the safety equipment essential to the support of electrofishing
- K3 how to plan electrofishing activities to meet objectives, according to site selection
- K4 survey types used in electrofishing
- K5 how resource requirements vary according to survey type and location
- K6 the people requirements of electrofishing
- K7 how electrofishing activities are used to support fisheries management
- K8 how to minimise the potential damage caused to fish through the correct use of equipment
- K9 how to maintain the condition of captured fish
- K10 how to maintain electrofishing equipment
- K11 the legal restrictions controlling electrofishing activities
- K12 water conductivity and its importance to the setup of electrofishing equipment
- K13 how the characteristics of the water body impact on electrofishing activities
- K14 how to prepare, use and dispose of anaesthetics
- K15 why anaesthetics are used in support of electrofishing activities
- K16 how to establish and maintain bio-security during electrofishing activities

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