

# LANFIM5

## Maintain and improve fisheries habitat



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### Overview

This standard is about maintaining and improving fisheries habitats. It covers managing aquatic and bank side plant growth in support of fisheries management and undertaking actions to improve aquatic, bank side and in-stream habitat. It includes the use of tools and equipment and working in a manner which minimises disturbance to the environment using routine and non-routine tasks.

This standard requires the ability to use hand tools, power tools and equipment, and also requires the ability to improve habitat characteristics by removing silt, creating aquatic structures, bank side repairs and removal of obstacles.

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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### Performance criteria

*You must be able to:*

- P1 carry out work safely in line with health and safety requirements
- P2 obtain habitat management requirements and specifications
- P3 prepare tools, equipment and resources into a safe condition ready for use
- P4 maintain aquatic and riparian vegetation to meet specified requirements
- P5 carry out activities to improve habitat characteristics to meet specified requirements
- P6 complete work in a manner which causes minimal disturbance to the environment
- P7 deal with difficulties experienced during maintenance, within own levels of authority
- P8 maintain equipment into a serviceable condition throughout the process
- P9 dispose of waste safely to minimise environmental risk
- P10 provide accurate information to maintain records on completed maintenance

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### Knowledge and understanding

*You need to know and understand:*

- K1 the health and safety requirements associated with habitat management
- K2 why vegetation is controlled
- K3 the methods used to manage vegetation (cutting, natural regeneration, planting)
- K4 the importance of habitat management to fisheries
- K5 why it is important to minimise disturbance to the aquatic environment during maintenance activities
- K6 how to dispose of waste materials according to organisational requirements
- K7 the effects of canopy cover on fisheries
- K8 the importance of fringe vegetation to fisheries
- K9 the legal controls on management activities including those associated with sites of special scientific interest
- K10 where chemicals can be used to manage vegetation on a fishery
- K11 common causes of bank side damage
- K12 why it is important to control erosion of riverbanks
- K13 how a scour board can be used to remove silt from a river or stream
- K14 the biological, physical and chemical characteristics of the fisheries habitat
- K15 how to identify common plant species using identification keys
- K16 how recognise common invertebrates
- K17 riparian responsibilities for habitat management

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