

LANTw59 - SQA Unit Code H2S6 04

Produce wood fuel in a woodland or forest



Overview

This standard is about producing wood fuel for the domestic market in a wood or forest environment. It covers identifying wood fuel species, preparing and processing timber and preparing a wood fuel product taking into account moisture content, timber density, packaging and delivery method

It also looks at the domestic markets for wood fuel products and how to reduce environmental damage

This standard is for a person who is producing wood fuel in a woodland setting

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Performance criteria

- You must be able to:*
- P1 assess the risks associated with the site and the proposed works
 - P2 select and implement appropriate working method in accordance with the assessed risks
 - P3 identify suitable wood fuel species to meet specifications
 - P4 select tools and equipment appropriate to the wood fuel product
 - P5 cut wood for wood fuel to specification
 - P6 prepare timber and process as wood fuel
 - P7 stack wood fuel safely for seasoning
 - P8 store wood fuel appropriate to the production method
 - P9 **prepare a wood fuel product** to meet the market requirements
 - P10 maintain the health and safety of yourself and others at all times in accordance with current legislation
 - P11 carry out work in a way which minimises environmental damage
 - P12 remove all waste and surplus materials and dispose of them as specified

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Knowledge and understanding

You need to know and understand:

- K1 the different fuel wood markets and the range of products
- K2 the burning and processing qualities of different woodland tree species
- K3 the storage methods appropriate for different wood fuel products
- K4 the equipment required and production methods for different wood fuel products
- K5 how seasonality can affect the moisture content of different species and the production of wood fuel
- K6 how correct storage can affect moisture content
- K7 the significance of moisture content on the quality of the product
- K8 the wood burning process
- K9 the effect raw material will have on particle size and ash content
- K10 the relevance of seasoning timber and the level required for different fuel wood products
- K11 the quality standards relevant to the product
- K12 your responsibilities under current environmental, health and safety legislation and codes of practice
- K13 how to identify hazards and assess risks
- K14 the potential impacts of your work on the environment and how these can be minimised
- K15 correct methods of disposing of surplus materials and/or waste

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Additional Information

Scope/range

Produce the following **wood fuel** products:

- 1 kindling
- 2 split logs
- 3 wood chip
- 4 faggots

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