

LANTw56

Process coppice materials and green wood products



Overview

This standard is about processing coppice materials and products. It covers sourcing, assessing quality of timber and processing the raw materials to meet specifications

It includes the process of selecting round wood, preparing the wood using the appropriate methods and creating round wood products or parts of products once the round wood has been brought to a workable condition

It covers:

- following specifications
- identifying the quality of timber required for the project
- locating and obtaining round wood for the project
- assembling the appropriate tools and equipment

This standard is suitable for those working within the green wood trades as a craftsperson

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Performance criteria

- You must be able to:*
- P1 select and implement appropriate working method in accordance with the assessed risks
 - P2 agree specification for coppice products
 - P3 select tools relevant to the work required
 - P4 plan a work schedule to maximise material usage and minimise waste
 - P5 recognise, select and prepare **wood** for coppice products
 - P6 assess the quality of **timber** as to its suitability for the green wood project
 - P7 process coppice materials into products using the appropriate **processes**
 - P8 assemble product to meet the specification
 - P9 form and present the products so that they meet the specification
 - P10 check the products meet with their specifications
 - P11 maintain the health and safety of yourself and others at all times in accordance with current legislation

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Knowledge and understanding

You need to know and understand:

- K1 how to identify hazards and assess risks
- K2 how to interpret risk assessments
- K3 how to interpret specifications to identify and cost all **elements** for a job
- K4 the properties, main uses and products that can be made from primary coppice species
- K5 how to recognise appropriate **woods** and main reasons for their use
- K6 the main reasons for the seasonality of coppice materials and how this can affect the availability and durability of products
- K7 methods used to prolong the workable life of seasonal coppice materials
- K8 how to assess the quality of the coppice materials
- K9 appropriate hand tools used to shape the wood
- K10 different **processes** and equipment for them
- K11 the essential characteristics of coppice products referencing to the specifications
- K12 the different properties and uses of different woodland tree species
- K13 how to assess **timber** for suitability for a project
- K14 how to match the qualities of the materials to the products
- K15 how to work different types of split wood
- K16 how to form and finish basic products or parts of products
- K17 your responsibilities under current environmental, health and safety legislation and codes of practice

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Additional Information

Scope/range

Assess **timber** for the following:

- 1 rate of growth
- 2 grain structure and continuity
- 3 presence of knots
- 4 fungal attack
- 5 insect attack
- 6 degree of seasoning
- 7 age
- 8 rots, splits and shanks

Appropriate **processes** to include:

- 1 splitting, cleaving, riving
- 2 sawing
- 3 axing, chopping
- 4 draw knifing
- 5 peeling

Wood from the following:

- 1 hazel
- 2 oak
- 3 ash
- 4 willow
- 5 sycamore
- 6 birch
- 7 beech
- 8 chestnut

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Scope/range related to knowledge and understanding

Elements including:

- estimate the amount of materials required
- the rate of uptake
- avoid over/understocking

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Glossary

Work schedule can be either verbal or written

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