LANTw56 - SQA Unit Code H2S1 04

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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