

LANTw68 - SQA Unit Code H2PJ 04

Compile and maintain a forest or woodland inventory



Overview

This standard is about gathering data directly from forests and woodlands. You should be able to recognise growing crops, quantify them and record them in a formal inventory

You will need to be able to take appropriate measurements and apply forest and woodland mensuration techniques

This standard is for those with higher level academic skills who would compile or maintain woodland inventories

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Performance criteria

- You must be able to:*
- P1 assess the risks associated with the site and the proposed works
 - P2 define and subdivide the area under management so as to identify logical units of management
 - P3 identify crop classifications relevant to the crop
 - P4 identify the value of existing records in relation to the actual crop
 - P5 decide the intensity of the survey required based on the available information
 - P6 compile and maintain the **inventory** to meet the given **specification**
 - P7 maintain the health and safety of yourself and others at all times in accordance with current legislation
 - P8 follow organisational and industry environmental good practice and minimise environmental damage

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Knowledge and understanding

You need to know and understand:

- K1 your responsibilities under current environmental and health and safety legislation
- K2 how to use forest and woodland mensuration techniques
- K3 the information to be compiled in a forest or woodland **inventory**
- K4 the use aerial photography in compiling the forest or woodland inventory
- K5 different survey techniques, e.g. GIS and maps
- K6 how to assess Windthrow Hazard Classification (WHC)
- K7 how to identify forest and woodland tree species
- K8 how to identify items of specific interest
- K9 the methods of recording a formal inventory
- K10 the reasons for carrying out inventories
- K11 the use of inventories

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Additional Information

Scope/range

Compile and maintain an **inventory** that describes:

- 1 the area distribution by species
- 2 age class
- 3 stocking and yield class
- 4 land use type
- 5 any selective systems for continuous sustainable yield

Compile and maintain an **inventory** that meets the following **specification**:

- 1 the crops to be recorded
- 2 the format of the inventory
- 3 the accuracy and clarity required of the survey and of the inventory
- 4 the updating of stock maps
- 5 legislative and organisational environmental and conservation requirements
- 6 records items of special interest

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Suite Treework

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