

# LANTw23

## Take-down hung-up trees



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### Overview

This standard is about the take-down of trees that have become hung-up on or in other trees. Winches, hand tools or appropriate machinery may be used. Winches may be hand or mechanically powered

Your work must conform to all current legislation and codes of practice

If you are working with chemicals or machinery you need to be appropriately trained or certificated in line with current legislation

This standard is for those using chainsaws

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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 prepare site to facilitate tree take-down and ensure the immediate work area at the base of the tree is clear
- P4 select take-down method which is relevant to the tree size, form and condition
- P5 prepare trees by removing a portion or all of the hinge as appropriate to tree size, condition and method of take-down
- P6 configure restraining equipment safely and effectively if appropriate
- P7 take down trees using tools or equipment appropriate to the tree size, condition and take down methods
- P8 ensure trees are in a safe and appropriate position and condition to enable subsequent operations
- P9 carry out routine operator maintenance, pre-start checks and setting of the machine for use
- P10 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 the emergency planning and procedures for the site
- K4 the importance of observing the tree and the work area throughout the treework operations
- K5 the take-down methods for a range of tree weights and diameters using appropriate hand tools
- K6 the take-down methods for trees using winches or other manual or mechanical means
- K7 the various types of winches and compatible **equipment** used in take-down and the mode of operation including hand and powered winches
- K8 the danger areas in relation to the trees being taken down
- K9 the use of **hand tools**, pull ropes and winches, to assist with the snedding/de-limbing of trees
- K10 the appropriate actions to take if a tree cannot be taken down
- K11 your responsibilities under current environmental and health and safety legislation
- K12 the potential impacts of your work on the environment and how this can be minimised

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#### Scope/ related to knowledge and understanding

Ancillary **equipment** compatible with winch(es) used include cables, strops, chokers, shackles, pulley snatch blocks and other devices such as cable extension clamps

**Hand tools** include lifting tongs, cant hooks, turning hooks, turning straps, take-down poles, small hand winches or other appropriate methods

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**Developed by** Lantra

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**Relevant occupations** Arboriculture and forestry; Coppicing; Chainsaw and forest machine operators

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**Suite** Treework

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