



Chainsaw Maintenance, Cross-cutting, Felling and Processing Trees up to 380mm – LANTRA Awards



Course Aim

The aim of this course is to provide delegates with the skills and knowledge required to safely operate and maintain a chainsaw. Delegates will also gain the knowledge on health, safety and legislative matters pertaining to felling trees, as well as various cutting techniques for dealing with felling trees up to 380mm in diameter.



Who Should Attend?

This course will be suitable for those working in, or looking to work in any of the following industries; Agriculture, Horticulture, Woodland, Local Authorities, Conservation, Construction, Land-based.

Please note that due to the nature of the training a minimum level of fitness will be required for specific operations. Whilst we would not want to disadvantage you as a learner, it is an essential requirement.



Course Duration

This is a 5 day course.



Maximum Delegates

Maximum attendees: 4 delegates.



Certification

Upon completion of this course, delegates will receive a LANTRA accredited certificate that does not expire. However, it is advised and is business best practice that delegates attend a refresher course every 3 years.



Agenda

By the end of this course, delegates will be able to:

- Identify the risk assessment and emergency procedures on a worksite
- Organise site safety and state the procedures required
- Assess the trees to be felled for hazards and risks
- Fell trees which have a diameter less than the effective cutting length of a guide bar (guide bar length not greater than 380mm/15")
- Assess a leaning tree and the safest method of felling
- Make accurate felling cuts in the correct positions
- De-limb felled trees in a safe and methodical manner
- Cross-cut timber accurately to required lengths
- Assess and explain the terms tension and compression in timber
- Adopt safe procedures to remove a trapped guide bar
- Handle and stack timber in a safe manner
- Assess a hung-up tree and the safest method of takedown
- Select and prepare equipment required for safe and effective takedown
- Check on the safety of takedown tools
- Make accurate severing cuts in the correct positions
- Select and use hand tools safely
- Take down hung-up trees to a safe and stable position

Safety / Value / Availability / Support



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City & Guilds Registration can be arranged at additional cost. For the City & Guilds certificate an additional exam will need to be completed which will be arranged during the training. There will be an additional cost for this certificate.

This course is not an alternative to achieving the qualification in this area. Professional Users must achieve the Level 2 Award in Chainsaw Maintenance and Cross-cutting and the Level 2 Award in Felling and Processing Trees up to 380mm.

- State techniques which must not be used for the takedown of hung-up trees
- Identify the necessary personal protective equipment required, report on its condition and locate the various standard marks
- Identify safety and health features on a chainsaw
- Prepare the chainsaw for use with the correct fuel/oil mix and chain lubrication
- Start the chainsaw from both cold and hot in a safe manner
- Carry out pre-cutting safety tests and state the procedures if the chainsaw fails these tests
- State the possible hazards/risks when carrying out maintenance or operational tasks
- Organise site safety and state the procedures required
- Identify faults and defects on a chainsaw and cutting equipment and decide which the operator can remedy and which require a service engineer's attention
- Select and identify correct tools to enable maintenance to be carried out and report on their serviceability
- Carry out all routine maintenance in accordance with the manufacturer's instruction book and/or the Lantra Awards workbook
- Cross-cut timber accurately to required lengths
- Assess and explain the terms 'tension' and 'compression' in timber
- Adopt safe procedures to remove a trapped guide bar
- Handle and stack timber in a safe manner

Safety / Value / Availability / Support