

Firewood Processors

CLFP01X & CLFP01R

Course objectives	<p>At the end of the course, each learner will have been given the information enabling them to:</p> <ul style="list-style-type: none">• produce a site specific risk assessment for firewood processor operation• state the principles of HSE legislation and safety guidelines for using firewood processors• select the appropriate PPE and state the maintenance requirements• select an appropriate site for use and deploy warning signs / barriers as necessary• connect to tractor / power source• convert from transport position, carry out operator checks and identify the safety features of firewood processors• carry out routine operator maintenance• inspect and identify defects on the cutting mechanism• prepare machine prior to operation, start the machine, carry out safety checks and stop the machine• prepare the work area, a range of cord wood for processing and identify hazardous materials not to be processed• use approved techniques to process a range of material into cut and split firewood• state the procedures for dealing with a range of common operational faults – for example jammed wood and out-feed stuck.• state the safety and environmental factors associated with the disposal of waste and the various end-uses of waste• prepare machine for transport and storage.
Who the course is for	<p>This course is intended for any person who wishes to operate a mobile firewood processor (a machine that is made with an in-feed and out-feed mechanism). Prior to taking this course it is recommended that you hold a basic chain saw operation certificate. A good level of fitness is also required due to the nature of the training.</p>
Duration / format	<p>1 - 2 days. Minimum of 7.5 hours contract time.</p>
Course type	<p>This is a Lantra Awards Integrated Training and Assessment course. The aim of the training and combined assessment is to ensure successful learners have adequate knowledge and understanding to be able to operate a Firewood Processor and perform routine safety checks.</p>
Instructor / learner ratio	<p>Instructor: learner 1:4 (1:6 for refresher training)</p>
Course content	<p>Introduction Prepare for firewood processor operations Routine maintenance of firewood processors Firewood processor operations</p>

Facilities / equipment required	Organiser	Instructor / tutor	Learner
<p>Please note:</p> <p>The course organiser may also be the instructor</p> <p>In many cases the course organiser will work with the instructor to provide the appropriate facilities and equipment</p>	<p>Lantra Awards course deliverables / materials</p> <p>Flipchart or board</p> <p>Shelter for paperwork and maintenance (this may not be required in fine weather)</p> <p>HSE requirements fulfilled for example, good lighting and heating</p> <p>Washing and toilet facilities</p> <p>Emergency exits, clear and marked</p> <p>Fire extinguishers</p> <p>Statutory first aid kit</p> <p>Provision for adequate seating and desk space if elements of note taking are required</p> <p>Adequate bench space with appropriate vices</p> <p>Worksite</p> <p>A suitable site for the course sessions and sufficient timber material available for each learner</p> <p>Requirements of the landowner are known and complied with</p> <p>Site location and map references provided in case of an emergency</p> <p>No relevant environmental restrictions in place</p>	<p>HSE approved first aid kit</p> <p>Fire extinguisher</p> <p>Spill kit</p> <p>Know and record the location of the nearest telephone and A&E hospital</p> <p>Lantra Awards generic risk assessment forms for Firewood processors</p> <p>Complete in accordance with Lantra Awards guidance a site specific risk assessment including additional site specific hazards and controls, along with appropriate emergency procedures</p> <p>A mobile phone or radio when working in a remote area (a system of communication in place if mobile phone network is unavailable)</p> <p>A vehicle to transport an injured person to hospital</p> <p>A firewood processor(s) complying with HSE guidelines / AFAG 607 (this may be provided by the learner, provider or instructor)</p> <p>A comprehensive maintenance kit as detailed in the instructor manual</p> <p>Spare guide bars, chainsaw chain and relative spare parts to the machinery</p>	<p>Personal protective equipment</p> <p>Instructor / tutor continued</p> <p>Engine fuel, oil and coolant as appropriate to machine (this should be supplied with the processor)</p> <p>Faulty examples of guide bars, drive sprockets, chainsaw chain, hydraulic hoses for comparison with new or well maintained items</p> <p>Personal protective equipment</p>
Venue	A suitable site for the practical operation of the Firewood Processor with adequate timber materials for processing, one cubic metre per learner per machine minimum (stack measurement).		
Publications included in package	AFAG Safety Guides 501, 601, 802, 804, 805, HSE INDG145, 163, 214, 296, 362, 363 HSE AS24 (one set per learner).		

National Occupational Standards

Lantra Awards has identified the relationship between the key content of its provision and National Occupational Standards (NOS).

These standards describe the skills, knowledge and understanding needed to undertake a particular task or job to a nationally recognised level of competence.

This course relates to the following:

National Occupational Standards	NOS Unit	NOS Unit Title
Treework (Mar 2002)	T4	Clear sites for tree planting
Treework (Mar 2002)	T20	Process timber on site
Treework (Mar 2002)	T23	Dispose of residues from treework operations
Greenwood Trades and Coppicing (Oct 2006)	GWT1	Work safely and according to environmental good practice
Greenwood Trades and Coppicing (Oct 2006)	GWT9	Produce fuel wood and charcoal
Land-based Operations (Jan 2002)	CU12	Prepare and operate a power vehicle
Land-based Operations (Jan 2002)	CU17	Assist with the maintenance of equipment
Land-based Operations (Jan 2002)	CU66	Contribute to the preparation of forest and woodland sites
Land Based Service Engineering (Jan 2002)	LBSE1	Contribute to Health and Safety
Land Based Service Engineering (Jan 2002)	LBSE6	Maintain the work area
Land Based Service Engineering (Jan 2002)	LBSE8	Maintain the condition of tractors and machinery
Land Based Service Engineering (Jan 2002)	LBSE9	Maintain health and safety in the work environment
Land Based Service Engineering (Jan 2002)	LBSE11	Diagnose faults in tractors and machinery
Land Based Service Engineering (Jan 2002)	LBSE12	Dismantle, assemble and repair components in tractors and machinery
Amenity Horticulture (Jul 2007)	L1	Site preparation
Amenity Horticulture (Jul 2007)	L27	Use and maintain equipment and machines
Amenity Horticulture (Jul 2007)	CU11	Prepare and operate a tractor with attachments
Common Unit	CU2	Monitor and maintain health and safety
Common Unit	CU3	Promote, monitor and maintain health, safety and security