

# LANTw41 - SQA Unit Code H2S3 04

## Process timber using large loader-fed machinery



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### Overview

This standard is about processing timber with large loader-fed machinery

This standard is applicable to those working with the following types of loader-fed machinery to process timber into a wide range of products; examples include large tracked, self-propelled or tractor-mounted wood chippers, trailed or vehicle-mounted shredders, horizontal grinders or tub grinders. End use of product will be for fuel, mulch, surfacing or other large-volume product

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

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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 follow organisational and industry environmental good practice and minimise environmental damage
- P4 select, prepare and use tools and equipment that are appropriate to the work, safely and effectively
- P5 maintain the security of machinery and equipment on site
- P6 carry out routine operator maintenance, pre-start checks and setting of the machine for use
- P7 plan work and the worksite and maintain safe working areas to operate the timber processor safely and efficiently in accordance with the site and specification
- P8 manoeuvre or direct manoeuvring of machine into working position and set in-feed and discharge equipment
- P9 load the processor with timber product to be processed
- P10 operate the machine to process timber according to specification.
- P11 monitor in-feed and discharge equipment and devices for debris, blockages and free flow of materials, as appropriate
- P12 contain processed timber safely during operations
- P13 carry out shut-down procedure as appropriate to the machine
- P14 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 emergency planning and procedures for the site
- K4 the types of tools and equipment required and how to maintain and use these safely and effectively
- K5 why it is important to maintain safety and security of equipment and vehicles when on site
- K6 how to set up the machine from transport mode and how to prepare the machine for transport
- K7 the indications of normal and abnormal machine function and appropriate action to take
- K8 the methods of feeding the machine and the techniques and safeguards necessary for each
- K9 the capabilities and limitations of the machinery used in relation to a range of sites and timber to be processed
- K10 the implications of processing long logs, poles or tree length timber on operation of the machine
- K11 how to unblock in-feed and discharge equipment and machinery and safeguards necessary when dealing with raised equipment
- K12 the different types of machines available and their method of operation and processing
- K13 the safety and environmental considerations of stock-piling large quantities of e.g. woodchip
- K14 the emergency stop procedure for the machine
- K15 safe working distances between machines when working in close proximity to other machines
- K16 the potential impacts of your work on the environment and how these can be minimised
- K17 your responsibilities under current environmental and health and safety legislation and codes of practice

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**Developed by** Lantra

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**Relevant occupations** Chainsaw and forest machine operators

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**Suite** Treework

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