

# LANTw46

## Attach and detach timber onto a skidder



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### Overview

This standard is about loading timber onto the grapple skidder or the line skidder and extracting trees and timber to an accumulation point and unloading for subsequent handling or processing

You must be able to plan your work and the worksite and maintain safe extraction routes and timber landing areas, operating the skidder safely and efficiently and with minimal damage to the worksite, the remaining standing trees, tracks, roads, drains and the wider environment

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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 maintain the security of equipment when using skidder attachment
- P4 carry out routine operator maintenance, pre-start checks and setting of the machine for use
- P5 identify the timber to uplift, position machine and load/attach as part of treework operations (clear felling, thinning, windblow clearance or other timber operations)
- P6 select single and multiple felled trees, poles or other timber for extraction according to specification
- P7 uplift timber to a capacity that ensures safe and effective skidding
- P8 use skidder attachment to bunch products safely and effectively
- P9 uplift timber flush up to the machine, as appropriate to type of attachment
- P10 limit size of load on skidder to avoid damage to product, instability of machine, loss of load, or damage to standing trees or the wider environment, including roads and tracks
- P11 position the timber in correct place for subsequent handling and unload/detach load from the machine safely and effectively at landing area
- P12 meet relevant legislative, organisational and environmental requirements relevant to preparing the machine
- P13 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 current guidelines on machinery operation, risk zones, working at height and safety clearances from overhead electricity conductors and what to do in the event of contact with power lines
- K5 the implications of terrain, ground conditions, season, weather type of timber and species to attaching/loading timber on a skidder
- K6 the need for and benefits of carrying out routine operator checks and basic maintenance in line with manufacturer's recommendations
- K7 the capabilities and capacity limitations of the skidder when attaching/loading timber
- K8 how to interpret product specifications, recognise type of timber and species and select product categories to meet required specification when loading/attaching load
- K9 how to maintain the stability of the timber and the machine during loading/attaching load
- K10 how and why produce might be segregated and/or graded to meet required specification when unloading/detaching load
- K11 the implications of load moving or falling when unloading/detaching load
- K12 how to use bearers when unloading/detaching load
- K13 how and when to use a logging blade or butt plate to accumulate extracted timber
- K14 additional safeguards when timber is accumulated adjacent to roads or tracks in regard to stability and warning sign requirements
- K15 the potential impacts of your work on the environment and how these can be minimised
- K16 your responsibilities under current environmental, health and safety legislation and codes of practice

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**Developed by** Lantra

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

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**Suite** Treework

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