

Title	Trim and limb shelter belts		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to: select and prepare trimming and limbing equipment and machinery; carry out field preparation; trim shelter belt; limb shelter belt; and carry out post-operational procedures.
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Classification	Rural Contracting > Agricultural Contracting
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Available grade	Achieved
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Prerequisites	Driver licence and any driver licence endorsement appropriate to the machine or vehicle being used.
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Guidance Information

- The following legislation and requirements apply to this unit standard:
 Health and Safety in Employment Act 1992;
 Resource Management Act 1991;
 Territorial authority and/or regional council (TA/RC) requirements;
Guidelines for the Provision of Safety, Health and Accommodation in Agriculture (Wellington: Department of Labour, 1996); and
Approved Code of Practice for Safety and Health in Tree Work – Part 1: Arboriculture (Wellington: Department of Labour, 1994) (Tree Work Code of Practice); and
A Guide to Safety with Chainsaws (Wellington: Department of Labour, 2006); all available from <http://www.osh.govt.nz/order/catalogue>;
 Manufacturer’s instructions.

Other requirements applicable to this unit standard may include but are not limited to:
Approved Code of Practice for Operator Protective Structures on Self-Propelled Mobile Mechanical Plant (Wellington: Department of Labour, 1999); and
Approved Code of Practice for the Management of Noise in the Workplace (Wellington: Department of Labour, 2002); both available from <http://www.osh.govt.nz/order/catalogue>;
Code of Practice for Temporary Traffic Management produced by Transit New Zealand, available from <http://www.transit.govt.nz/technical/copttm.jsp>, or equivalent specification as required by the road controlling authority on its network.

Any legislation or other requirement superseding any of the above will apply, pending review of this unit standard.

- Assessment against this unit standard must be based on evidence from a workplace context.

- 3 Personal protective equipment, appropriate to job requirements, is to be selected and used in accordance with company requirements and manufacturer's instructions.
- 4 Definitions
Company requirements refer to all policies, procedures, and methodologies the candidate's organisation has in place including but not limited to those relating to health, safety, environment, quality, and operations.
Manufacturer's instructions may include specifications, installation, handling, use, and maintenance instructions and safety data sheets.
Trimming and limbing does not include removing trees from the shelter belt. Tree removal is covered in Unit 6264, *Thin shelter belts and/or plantations*.

Outcomes and performance criteria

Outcome 1

Select and prepare trimming and limbing equipment and machinery.

Performance criteria

- 1.1 Equipment and machinery chosen are appropriate for the work to be carried out, in accordance with the company requirements and manufacturer's instructions.
- Range may include but is not limited to – self-propelled limber, self-propelled trimmer, mulcher, chainsaw; front end loader, excavator; work may include disposal of thinnings and/or limbs.
- 1.2 Equipment and machinery are checked for condition, damage, wear, and faults; problems are identified; and corrective action is taken in accordance with manufacturer's specifications and company requirements.
- Range guards; may include but is not limited to – hydraulic arm, mulcher head, blades, safety bolts, hoses.
- 1.3 Checks are made and any necessary actions are taken or adjustments made to ensure the mobile machinery complies with legal and company requirements for operator health and safety.
- Range may include but is not limited to – fire extinguisher, first aid equipment, seat, safety belt, mirrors, controls, climate control, sound equipment, communications equipment.

Outcome 2

Carry out field preparation.

Performance criteria

2.1 Hazards are identified and controlled in accordance with the Tree Work Code of Practice and company requirements.

Range may include but is not limited to – people, animals, overhead wires, poles, fences, junction boxes, traffic, implements, property structures.

2.2 Logistical readiness is established in accordance with company requirements.

Range may include but is not limited to – access, fuel and oil supplies and storage, communications.

2.3 Decision on whether to trim and/or limb takes into account shelter species, tree shape, dormant and growth periods, time since last trim or limb, tree survival, and client requirements.

2.4 Disposal options for trimmings and limbs are identified and the preferred option is decided upon in accordance with client and TA/RC requirements.

Outcome 3

Trim shelter belt.

Performance criteria

3.1 Shelter belt is cut back causing minimal field damage and no risk of damage to overhead wires or property structures.

3.2 Shelter belt is cut back evenly and straight to client requirements.

3.3 Shelter belt is cut back with no risk of harm to people.

3.4 Trimmings are disposed of in accordance with client and TA/RC requirements.

Range one of – firewood, shredding, burning, dumping, mulching.

Outcome 4

Limb shelter belt.

Performance criteria

4.1 Shelter belt is cut back causing minimal field damage and no risk of damage to overhead wires or property structures.

4.2 Shelter belt is cut back evenly and straight to client requirements.

4.3 Shelter belt is cut back with no risk of harm to people.

4.4 Limbs are disposed of in accordance with client and TA/RC requirements.

Range one of – firewood, shredding, burning, dumping, mulching.

Outcome 5

Carry out post-operational procedures.

Performance criteria

- 5.1 Shut-down procedures are carried out in accordance with manufacturer's instructions.
- 5.2 Equipment is cleaned and, as required, treated in accordance with manufacturer's instructions and/or company requirements.
- 5.3 Lubrication is carried out in accordance with manufacturer's instructions.
- 5.4 Any damage or faults including any missing, bent, broken, or loose parts are identified and are repaired, replaced, or reported in accordance with manufacturer's instructions and/or company requirements.
- 5.5 Equipment and machinery are stored in accordance with company requirements.
- 5.6 Documentation for the operation is completed in accordance with company and client requirements, and is stored in accordance with company requirements.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	23 July 1996	31 December 2021
Revision	2	5 January 1999	31 December 2021
Revision	3	18 January 2000	31 December 2021
Review	4	31 October 2002	31 December 2021
Review	5	25 June 2007	31 December 2021
Review	6	26 March 2020	31 December 2021

Consent and Moderation Requirements (CMR) reference

0101

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.