

<b>Title</b>	<b>Trim felled trees for extraction in a forest harvesting operation</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	<p>This unit standard is intended for people employed in a forest harvesting operation.</p> <p>People credited with this unit standard are able to: explain health and safety requirements when trimming felled trees; demonstrate knowledge of trimming felled trees for extraction; and trim felled trees for extraction from the forest.</p>
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<b>Classification</b>	Forestry > Forest Harvesting Operations
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<b>Available grade</b>	Achieved
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<b>Prerequisites</b>	Unit 23411, <i>Operate a chainsaw and carry out basic chainsaw maintenance in a commercial forestry situation</i> ; or demonstrate equivalent knowledge and skills.
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## Guidance Information

- Legislation relevant to this unit standard includes the Health and Safety at Work (HSW) Act 2015; the Resource Management (National Environmental Standards for Plantation Forestry) Amendment Regulations 2018; and any subsequent amendments.
- References  
*Approved Code of Practice (ACOP) for Safety and Health in Forestry Operations*, December 2012, available from <https://worksafe.govt.nz/>.  
 New Zealand Forest Owners Association, *Forest Practice Guides* (2019), and any subsequent amendments, available from <https://www.nzfoa.org.nz>.
- Definitions  
*Accepted industry practice* refers to approved codes of practice and standardised procedures accepted by the wider forestry industry as examples of best practice.  
*Forest harvesting* refers to the felling and extraction of stems, landing operations, log making, and loading.  
*PPE* refers to personal protective equipment and may include but is not limited to high-visibility, protective clothing, gloves, face and eye protection, safety helmet, footwear, hearing protection, and safety devices.  
*Worksite procedures* refer to documented procedures used by the organisation carrying out the work and applicable to the tasks being carried out. They may include but are not limited to – standard operating procedures, site safety procedures, equipment operating procedures, quality assurance procedures,

housekeeping standards, procedures to comply with legislative and local body requirements.

#### 4 Assessment information

This unit standard must be assessed on-job.

All activities and evidence must meet worksite procedures and accepted industry practice.

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## Outcomes and performance criteria

### Outcome 1

Explain health and safety requirements when trimming felled trees.

#### Performance criteria

- 1.1 The hazards and associated risks specific to trimming felled trees are identified and measures for controlling the risks are explained.

Range hazards may include but are not limited to – tree movement, branches/stem under tension, chainsaw kickback, proximity of extraction machine, ground conditions, slope of the ground, undergrowth, slash, continuous bending; evidence of five hazards is required.

- 1.2 The reason for on-going hazard and risk identification is explained.

- 1.3 Factors that may change hazards or introduce new hazards or risks are described.

Range weather, terrain, fatigue.

### Outcome 2

Demonstrate knowledge of trimming felled trees for extraction.

#### Performance criteria

- 2.1 Trimming methods are described in terms of sequence of cuts.

Range lever-limbing method, large branches.

- 2.2 Rules specific to trimming are described.

### Outcome 3

Trim felled trees for extraction from the forest.

#### Performance criteria

- 3.1 Select equipment to meet the requirements of the operation.

Range PPE, chainsaw, fuel storage, first aid.

3.2 Felled trees are assessed prior to and during trimming and heading.

Range hindrance, compression, tension, possible stem movement.

3.3 Trees are trimmed and headed in preparation for extraction.

<b>Planned review date</b>	31 December 2024
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 January 1995	31 December 2012
Review	2	8 November 1996	31 December 2012
Revision	3	19 June 1998	31 December 2012
Review	4	5 December 2000	31 December 2012
Review	5	22 May 2008	31 December 2012
Review	6	16 October 2009	31 December 2016
Review	7	19 March 2015	N/A
Review	8	25 June 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0173
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

#### Comments on this unit standard

Please contact Competenz [qualifications@competenz.org.nz](mailto:qualifications@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.