

Title	Operate and maintain a chainsaw in a land-based context		
Level	3	Credits	8

Purpose	This unit standard is intended for chainsaw operators in land-based contexts who have responsibility for applying chainsaw safety principles and operational techniques to a variety of workplace situations. This unit is not suitable for chainsaw operators in a commercial forestry workplace.
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Classification	Agriculture > Agricultural Vehicles and Machinery
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Available grade	Achieved
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Explanatory notes

1 Definitions

Safety guidelines refer to WorkSafe NZ, *A Guide to Safety with Chainsaws* (Wellington, 2011), and any subsequent amendments, available at <http://www.business.govt.nz/worksafe/>.

Worksite is defined as the zone where chainsaw operations are carried out. The worksite may relate to: the physical working area, weather conditions; chainsaw and chain; personal protective equipment; fuel and associated equipment; and the presence or absence of people, livestock or machinery.

Workplace procedures refer to oral or written instructions to staff on procedures for the worksite and equipment. Workplace procedures must comply with safety guidelines.

Methods to minimise hazards are defined as steps to reduce the risk of harm to the chainsaw operator or others. Examples of methods include: exclusion of people or livestock, selection of appropriate chainsaw or guidebar, pre-start checks, re-fuelling procedure, starting procedures, use of personal protective equipment, communication devices.

Operational techniques are defined as the operator stance, grip, sequence of cuts, choice of up-cut, down-cut or bore-cut, and cutting techniques to minimise the risk of kickback.

Situations are defined as the operating environment and the type or presentation of the wood that is being cut. Examples of situations include terrain, rural fencing, firewood, trimming, limbing, cutting softwood or hardwood, infrastructure maintenance. Assessors must consider evidence from situations that are within the capabilities of an operator at this level. Candidates are not expected to demonstrate capability to operate chainsaws on wind thrown or wind affected trees, tree felling, or trees that overhang power lines, buildings or public access ways.

2 Legislation relevant to this unit standard includes, but is not limited to, health and safety legislation.

- 3 This unit is not suitable for use in commercial forestry situations. Chainsaw use in commercial forestry situations is covered in other unit standards on the New Zealand Qualifications Framework available at <http://www.nzqa.govt.nz/>.

Outcomes and evidence requirements

Outcome 1

Operate a chainsaw in a land-based context.

Evidence requirements

- 1.1 Assess chainsaw worksites for hazards and select methods to minimise hazards according to safety guidelines.
- Range minimum of five methods applied in at least two worksites.
- 1.2 Use appropriate operational techniques in a range of situations when operating a chainsaw in accordance with safety guidelines.
- Range minimum of three situations;
includes – techniques to cut wood under tension and compression,
and an operational technique which reduces the risk of kickback.
- 1.3 Sharpen and adjust chainsaw at worksite, as required, in accordance with manufacturers' instructions.
- 1.4 Maintain personal safety for operating a chainsaw in accordance with workplace procedures.
- 1.5 Record hazards and chainsaw use in logbook or equivalent recording system in accordance with workplace procedures.

Outcome 2

Maintain a chainsaw, personal protective equipment and associated tools in a land-based context.

Evidence requirements

- 2.1 Check and clean chainsaw, personal protective equipment and associated tools in accordance with manufacturers' guidelines.
- 2.2 Report faults that require specialist attention in accordance with workplace procedures.
- 2.3 Record checks in logbook or equivalent recording system in accordance with workplace procedures.
- 2.4 Store chainsaw, personal protective equipment and associated tools in accordance with workplace procedures.

Planned review date	31 December 2020
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 November 2015	N/A

Consent and Moderation Requirements (CMR) reference	0052
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMRs). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.