

Title	Operate a wood chipper		
Level	3	Credits	3

Purpose	People credited with this unit standard are able to: demonstrate knowledge of wood chipper operation; and operate a wood chipper.
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Classification	Wood Handling and Distribution > Wood Preparation
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Available grade	Achieved
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Guidance Information

- 1 Legislation
Health and Safety at Work Act 2015.
Resource Management Act 1991.
- 2 Definitions
Accepted industry practice refers to approved codes of practice and standardised procedures accepted by the wider wood handling and distribution industry as examples of best practice.
Corrective action refers to actions such as communication to management, communication to on-site technical person, communication to off-site technical support person, cleaning, communication with maintenance staff, recalibration, or changes made to the operating system.
Workplace procedures refer to documented policies and procedures set by the organisation carrying out the work, and to documented or other directions provided to staff, and applicable to the tasks being carried out. They may include but are not limited to – standard operating procedures, site specific procedures, site safety procedures, equipment operating procedures, quality assurance procedures, product quality specifications, references, approved codes of practice, housekeeping standards, environmental considerations, on-site briefings, supervisor’s instructions, and procedures to comply with legislative and local body requirements relevant to the wood handling and distribution sector.
- 3 Assessment information
All activities and evidence must meet workplace procedures and accepted industry practice.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of wood chipper operation.

Performance criteria

- 1.1 The function of the wood chipper is described.
- 1.2 Operating parameters and capability of the wood chipper are described.
- Range includes but is not limited to – maximum dimensions of input material.
- 1.3 Operating components of the wood chipper are identified and described.
- Range may include but is not limited to – drum or disc, in-feed system, knives or cutters, anvils, chip removal system, chip screening system, metal detector.
- 1.4 Safety features of the wood chipper are identified and their roles are explained.
- Range lock-out switch or system, stop buttons, guards.
- 1.5 The grinding angle for wood chipper knives is identified.
- 1.6 Knife replacement schedule, procedures, and checks are described.
- 1.7 The role and responsibilities of the wood chipper operator are described.
- Range evidence of two responsibilities is required.

Outcome 2

Operate a wood chipper.

Performance criteria

- 2.1 Hazards associated with operating a wood chipper are identified and actions to be taken to manage the hazards are described.
- Range hazards may include but are not limited to – moving equipment, noise; evidence of two is required.
- 2.2 Safe work practices associated with operating a wood chipper are applied.
- Range practices may include but are not limited to – isolation procedures, lock-outs, emergency stops, machine guarding, the wearing of appropriate safety equipment; evidence of five is required.
- 2.3 Wood chipper is operated safely.
- Range start, stop, shut down, safety, maintenance.

- 2.4 Wood chipper and work area are left clean and tidy, and ready for next use.
- 2.5 Production rate is maintained to avoid machine overload.
- 2.6 Output from chipper is monitored and assessed, and corrective action is taken.
- Range chip size, shape, bark content, contaminants.

Planned review date	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	27 January 1994	31 December 2012
Review	2	24 October 1996	31 December 2012
Review	3	10 February 1999	31 December 2012
Review	4	18 December 2006	31 December 2012
Rollover and Revision	5	15 April 2011	N/A
Review	6	28 May 2020	N/A

Consent and Moderation Requirements (CMR) reference	0013
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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 if you wish to suggest changes to the content of this unit standard.