

Title	Test and report wood chip quality		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to: manage hazards associated with testing and reporting wood chip quality; describe the reasons for and the types of wood chip testing; test wood chip samples using appropriate methods and equipment; and describe procedures for ensuring the accuracy of wood chip test information.
----------------	--

Classification	Wood Handling and Distribution > Wood Preparation
-----------------------	---

Available grade	Achieved
------------------------	----------

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.
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.
- 4 Recommended unit standard for entry:
Unit 20760, *Monitor and control contamination in wood chip and wood fibre materials.*

Outcomes and performance criteria

Outcome 1

Manage hazards associated with testing and reporting wood chip quality.

Performance criteria

1.1 Hazards associated with testing and reporting wood chip quality are identified and actions to be taken to manage the hazards are described.

Range hazards may include but are not limited to – moving equipment, dust, mobile plant, noise.

1.2 Safe work practices associated with testing and reporting wood chip quality are identified and applied.

Range practices may include but are not limited to – isolation procedures, lock-outs, emergency stops, machine guarding, wearing appropriate safety equipment.

Outcome 2

Describe the reasons for and the types of wood chip testing.

Performance criteria

2.1 Reasons for wood chip testing are described.

2.2 Types of wood chip testing are described.

Outcome 3

Test wood chip samples using appropriate methods and equipment.

Performance criteria

3.1 Wood chip samples are tested for size distribution.

Range parameters may include but are not limited to – screen area, screen layout, travel distance, screen movement, test time, screen configuration.

3.2 Wood chip samples are tested for moisture content and density.

3.3 Wood chip samples are tested for contaminants and bark content.

3.4 Test results are calculated and reported.

3.5 Residual wood chip samples are packaged, labelled, and stored.

Outcome 4

Describe procedures for ensuring the accuracy of wood chip test information.

Performance criteria

4.1 Procedures for ensuring the accuracy of testing equipment are described.

Range procedures may include, but are not limited to – calibration, repeatability, check weights.

Planned review date	31 December 2024
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 December 2006	N/A
Review	2	28 May 2020	N/A

Consent and Moderation Requirements (CMR) reference	0013
--	------

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.