

<b>Title</b>	<b>Monitor and control contamination in wood chip and wood fibre materials</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>7</b>

<b>Purpose</b>	People credited with unit standard are able to: manage hazards associated with monitoring and controlling wood chip and wood fibre materials contamination; demonstrate knowledge of customer specifications with respect to contaminants; demonstrate knowledge of wood chip and wood fibre material contaminants and their sources and take corrective actions to eliminate or minimise the possibility of contamination; and demonstrate knowledge of wood chip and wood fibre quality requirements.
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<b>Classification</b>	Wood Handling and Distribution > Wood Preparation
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<b>Available grade</b>	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 handling and distribution industry as examples of best practice.  
*Corrective action* may include 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 in accordance with workplace procedures.  
*Wood fibre material* refers to wood chips, shavings, and sawdust.  
*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.

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## Outcomes and performance criteria

### Outcome 1

Manage hazards associated with monitoring and controlling wood chip and wood fibre materials contamination.

#### Performance criteria

1.1 Hazards associated with monitoring and controlling wood chip and wood fibre materials contamination 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; evidence of four is required.

1.2 Safe work practices associated with monitoring and controlling wood chip and/or wood fibre materials contamination are identified and 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.

### Outcome 2

Demonstrate knowledge of customer specifications with respect to contaminants.

#### Performance criteria

2.1 Customer specifications for wood chip and wood fibre materials with respect to contamination are described.

2.2 Effects of contaminants in wood chip and wood fibre materials during further processing are described.

### Outcome 3

Demonstrate knowledge of wood chip and wood fibre material contaminants and their sources and take corrective actions to eliminate or minimise the possibility of contamination.

#### Performance criteria

3.1 Sources of potential contamination in wood chip and wood fibre materials are described.

Range sources may include but are not limited to – raw materials, condition of processing equipment, wood fibre material transport systems, storage area and transport vehicles.

3.2 Types of wood chip and wood fibre material contamination are identified and matched with appropriate corrective actions.

Range contamination may include but is not limited to – rubber, plastic, fabric, bark, paper, grit, metal, mill refuse, equipment componentry, and treatment chemicals.

3.3 Appropriate controls are developed and implemented to eliminate or minimise the possibility of contamination arising from the sources described in performance criterion 3.1.

#### Outcome 4

Demonstrate knowledge of wood chip and wood fibre quality requirements.

#### Performance criteria

4.1 Factors that influence the final product quality are described.

Range factors include – raw materials, processes, equipment, action of people.

4.2 Wood chip and wood fibre material testing and reporting methods are described.

4.3 Procedures for handling actual or suspected contamination incidents are described.

4.4 Wood chip and wood fibre material quality management system components are identified, and their purpose is described.

<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	18 December 2006	31 December 2012
Review	2	15 April 2011	31 December 2014
Review	3	18 April 2013	N/A
Review	4	28 May 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0013
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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**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.