

# **ASSESSMENT GUIDELINES**

## **Unit 21218**

Operate and maintain powered orchard machinery

Level 3, Credit 10, version 2

# Operate and maintain powered orchard machinery

Unit standard 21218

Level 3, Credit 10, version 2

## Level of performance required for this unit standard

This is a level 3 unit standard. At this level trainees are expected to demonstrate the following abilities when completing assessment tasks:

- To work under general supervision, with some independence; with significant responsibility for the standard of the outcome achieved.
- To apply technical skills and knowledge to complete the task to the specified standard, in a familiar context.
- To interpret available information, and use discretion and judgment.

## Workplace assessment:

For guidelines on Workplace Assessment, please refer to the NZHITO Workplace Assessors Manual, and for further information, please contact: NZHITO, PO Box 8638, Christchurch. Ph 03 9644 735, fax 03 9644 737, website [www.hortito.org.nz](http://www.hortito.org.nz)

## Assessors may consider linking the assessment of this unit standard with assessment for:

*21219 Operate and maintain orchard hand pruning equipment and ladders or stools*

## Replacement information:

This unit standard replaces Unit 773, 788, and 836.

## Special notes:

1. *Workplace procedures* refer to verbal or written instructions to staff on procedures for the worksite and equipment.
2. Assessment must include two items of powered machinery: hydroladder; mower or mulcher; hydraulic or pneumatic pruning equipment.
3. Legislation relevant to this unit standard includes but is not limited to the Health and Safety in Employment Act 1992, and the Resource Management Act 1991.

## Unit 21218: Operate and maintain powered orchard machinery (Apprentice copy)

ELEMENT	Competent	Range of evidence an assessor should consider
<b>Element 1</b> Prepare orchard machinery for use	Yes/No	<ul style="list-style-type: none"> <li>• Make sure you select machinery suitable for the task.</li> <li>• Check the machine and serviced it and make any adjustments or calibration required before use in accordance with manufacturer's instructions and workplace procedures.</li> <li>• Identify and use safety procedures during checking and preparation according to workplace procedures, and manufacturer's instructions.</li> </ul>
<b>Element 2</b> Operate orchard machinery	Yes/No	<ul style="list-style-type: none"> <li>• Operate machinery according to workplace procedures, and without damage to plants, other equipment and property structures.</li> <li>• Monitor and adjust the machinery as required during operation to ensure its performance is maintained within specification, and to achieve optimum performance.</li> <li>• Machinery problems and anomalies are recognised and reported.</li> </ul>
<b>Element 3</b> Maintain orchard machinery	Yes/No	<ul style="list-style-type: none"> <li>• Shut down machinery according to workplace procedures.</li> <li>• Clean, maintain , and store machinery according to workplace procedures.</li> <li>• Collected, treat and dispose of waste generated by the machine's operation and cleaning procedure according to workplace procedures.</li> </ul>

\_\_\_\_\_ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 21218 (version 2)

**Signed (Assessor):** \_\_\_\_\_

WPA Registration Number: \_\_\_\_\_ Date: \_\_\_\_\_

**Unit 21218: Operate and maintain powered orchard machinery  
(Apprentice copy)**

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**Signed (Assessor):** \_\_\_\_\_

WPA Registration Number: \_\_\_\_\_ Date: \_\_\_\_\_

Please send this page to your NZHITO Regional Manager, who will forward it to National Office to register the credits on your NZQA Record of Learning.

## **Unit 21218: Operate and maintain powered orchard machinery**

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*(Name of Apprentice)*

**is Competent in Unit Standard 21218 (version 2)**

**Signed (Assessor):**

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WPA Registration Number: \_\_\_\_\_

Date: \_\_\_\_\_