

## **ASSESSMENT GUIDELINES**

### **Unit 19936**

**Operate vineyard equipment**

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Level 3, Credit 10, version 2

# Operate vineyard equipment

## Unit standard 19936

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.

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

19942      *Support mechanical harvesting operations*

### 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)

### Special notes:

1. The New Zealand Horticulture Industry Training Organisation acknowledges the assistance provided by the Australian National Training Authority (ANTA) in permitting their competency unit to be used as the basis for this unit standard. This unit standard is based on the unit of competency FDFWGGVEQA, *Operate vineyard equipment*.
2. *Workplace procedures* refers to verbal or written instructions to staff on procedures for the worksite and equipment.
3. Legislation relevant to this unit standard includes but is not limited to the Health and Safety in Employment Act 1992, the Resource Management Act 1991, and their subsequent amendments. Licensing requirements relevant to this unit standard include, but are not limited to, the class of driver licence appropriate to the vehicle used.

4. Vineyard equipment may include, but is not limited to all terrain vehicles, tractor mounted fork-lift, front-end loader, towed equipment (eg gondola), three-point-linkage equipment (eg discs), power-take-off driven equipment (eg slasher), equipment with hydraulics (eg tipping trailer).
5. Terrain, where applicable, must enable the employee to operate the equipment safely and effectively on the enterprise required. It may include tracks, access roads, vineyard rows, open paddocks, flat, undulating, steep, hilly or terraced land, on and off-road environments.
6. Conditions, where applicable, must enable the employee to operate the equipment safely and effectively on the enterprise required. May include dry, wet, slippery, boggy, icy, foggy, windy, day or night conditions.
7. Loads where applicable may range from full to empty as required.
8. Information systems may be paper or electronic based.

## Unit 19936: Operate vineyard equipment (Apprentice copy)

ELEMENT	Competent	Range of evidence an assessor should consider
<b>Element 1</b> Prepare vineyard equipment for operation	<b>Yes/No</b>	<ul style="list-style-type: none"> <li>▪ Access workplace information to identify requirements (eg. in terms of site and crop characteristics).</li> <li>▪ Check that equipment is available and ready to use, and meets safety standards and pre-start requirements. This may include checking fuel, water, oil (engine/gearbox/hydraulics), belts, lubricants, air intake, tyre pressure, metal fatigue/wear and tear.</li> <li>▪ Equipment may include all terrain vehicles, tractor mounted fork-lift, front-end loader, towed equipment (eg gondola), three-point-linkage equipment (eg discs), power-take-off driven equipment (eg slasher), equipment with hydraulics (eg tipping trailer).</li> <li>▪ Select, attach and set up appropriate equipment for the task.</li> <li>▪ Select, fit and use appropriate personal protection clothing and/or equipment.</li> </ul>
<b>Element 2</b> Operate vineyard equipment	<b>Yes/No</b>	<ul style="list-style-type: none"> <li>• Operate equipment according to workplace procedures, without damage to vines, equipment and property structure. This should include forwards and reversing, operating in confined spaces, operating amongst other vineyard activities and a variety of conditions as required.</li> <li>• Monitor equipment performance. This may include monitoring status and condition, handling/stopping ability, operating depth of equipment, blockages, ground speed or power-take-off speed, width/coverage, environmental/operating conditions.</li> <li>• Identify out-of-specification equipment performance, and rectify and/or report as instructed.</li> <li>• Recognise equipment performance problems and anomalies, and amend and/or report as instructed.</li> </ul>
<b>Element 3</b> Complete operation of vineyard equipment	<b>Yes/No</b>	<ul style="list-style-type: none"> <li>• Shut down equipment in response to routine requirements.</li> <li>• Shut down equipment in response to emergency situations.</li> <li>• Clean, maintain and store equipment according to workplace procedures.</li> <li>• Collect, treat, recycle or dispose of waste according to workplace procedures and legislative requirements.</li> </ul>
<b>Element 4</b> Record and/or store information in a retrievable format	<b>Yes/No</b>	<ul style="list-style-type: none"> <li>• Record and/or store workplace information according to workplace procedures. This may include standard operating procedures, specifications, production schedules/instructions, work notes, Material Safety Data Sheets, manufacturers' instructions, verbal direction from manager, supervisor or senior operator.</li> <li>• Information systems may be paper or electronic based.</li> </ul>

(Name of Apprentice)

is **Competent** / **Not yet competent** in Unit Standard 19936 (version 2)

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

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

## Unit 19936: Operate vineyard equipment (Assessor 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 19936: Operate vineyard equipment**

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*(Name of Apprentice)*

**is Competent in Unit Standard 19936 (version 2)**

**Signed (Assessor):**

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

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