

<b>Title</b>	<b>Setup, operate, shut down and maintain vineyard equipment</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	People credited with this unit standard are able to: prepare vineyard equipment for operation; operate vineyard equipment; complete operation of vineyard equipment; and record and/or store vineyard equipment operation information in a retrievable format.
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<b>Classification</b>	Horticulture > Viticulture
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 All evidence presented in this unit standard must be in accordance with:
  - Workplace procedures.
- 2 Legislation relevant to this unit standard includes but is not limited to:
  - Health and Safety at Work Act 2015;
  - Resource Management Act 1991;
  - and any subsequent amendments.
- 3 Vineyard equipment may include tractor mounted forklifts, front end loader, towed equipment, three point linkage equipment, power take off driven equipment, equipment with hydraulics.
- 4 Evidence of operating three types of vineyard equipment is required.
- 5 Definition  
*Workplace procedures* refers to policies and procedures on safety, operation, and production set down by the employer or host organisation.
- 6 Recommended unit for entry:  
Unit 19044, *Demonstrate knowledge of the legal requirements and hazards associated with tractor use*, or demonstrate equivalent knowledge and skills.

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### Outcomes and performance criteria

#### Outcome 1

Prepare vineyard equipment for operation.

**Performance criteria**

- 1.1 Identify equipment requirements in terms of site and crop characteristics.
- 1.2 Select and check equipment to confirm readiness for use.
- Range safety standards and pre-start requirements are met, equipment is operational.
- 1.3 Set up equipment for use.

**Outcome 2**

Operate vineyard equipment.

**Performance criteria**

- 2.1 Operate equipment without damage to vines, equipment and property structures.
- 2.2 Monitor equipment performance to confirm performance is maintained within manufacturers specification.
- 2.3 Identify, rectify and/or report out of specification equipment performance.
- 2.4 Recognise and/or report problems and anomalies.

**Outcome 3**

Complete operation of vineyard equipment.

**Performance criteria**

- 3.1 Shut down equipment.
- 3.2 Clean, maintain and store equipment.
- 3.3 Collect, treat and dispose of, or recycle waste generated.

**Outcome 4**

Record and/or store vineyard equipment operation information in a retrievable format.

**Performance criteria**

- 4.1 Record and/or store workplace information.
- Range may include standard operating procedures, specifications, production schedules or instructions, work notes, Material Safety Data Sheets, manufacturers' instructions, verbal direction from manager, supervisor or senior operator; evidence of two recording and/or storage formats is required.

<b>Planned review date</b>	31 December 2026
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	22 May 2003	31 December 2022
Revision	2	24 February 2006	31 December 2022
Review	3	28 November 2019	31 December 2024
Review	4	27 May 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0032
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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 the Primary Industry Training Organisation [standards@primaryito.ac.nz](mailto:standards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.