
VITICULTURE
Operate vineyard equipment

level:	3
credit:	10
final date for comment:	June 2008
expiry date:	December 2008
sub-field:	Horticulture
purpose:	This unit standard is for people working in the viticulture industry. People credited with this unit standard are able to operate a range of vineyard equipment that does not require calibration. It includes the ability to set up, operate, shut down and maintain equipment. (Where the operation of specialised equipment is required, alternative unit standards should be selected.)
entry information:	Open.
accreditation option:	Evaluation of documentation and visit by NZQA, industry and teaching professional in the same field from another provider.
moderation option:	A centrally established and directed national moderation system has been set up by the New Zealand Horticulture Industry Training Organisation.
special notes:	<ol style="list-style-type: none">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, <i>Operate vineyard equipment</i>.2 <i>Workplace procedures</i> refers to verbal or written instructions to staff on procedures for the worksite and equipment.

VITICULTURE

Operate vineyard 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.

VITICULTURE

Operate vineyard equipment

Elements and Performance Criteria

element 1

Prepare vineyard equipment for operation.

performance criteria

- 1.1 Requirements are identified in terms of site and crop characteristics.
- 1.2 Equipment is selected and checked to confirm readiness for use.

Range: safety standards and pre-start requirements are met, equipment is operational.
- 1.3 Equipment is attached and set up according to workplace procedures.

element 2

Operate vineyard equipment.

performance criteria

- 2.1 Equipment is operated according to workplace procedures, and without damage to vines, equipment and property structures.
- 2.2 Equipment performance is monitored to confirm performance is maintained within specification.
- 2.3 Out-of-specification equipment performance is identified, rectified and/or reported.
- 2.4 Problems and anomalies are recognised and/or reported.

element 3

Complete operation of vineyard equipment.

performance criteria

- 3.1 Equipment is shut down according to workplace procedures.

VITICULTURE

Operate vineyard equipment

- 3.2 Equipment is cleaned, maintained and stored according to workplace procedures.
- 3.3 Waste generated by both the activities and cleaning procedure is collected, treated and disposed of, or recycled according to workplace procedures.

element 4

Record and/or store information in a retrievable format.

performance criteria

- 4.1 Workplace information is recorded and/or stored according to workplace procedures.
- Range: 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.

Comments on this unit standard

Please contact New Zealand Horticulture Industry Training Organisation <http://www.hortito.org.nz> if you wish to suggest changes to the content of this unit standard.

Please Note

Providers must be accredited by the Qualifications Authority or a delegated inter-institutional body before they can register credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by the Qualifications Authority before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

VITICULTURE

Operate vineyard equipment

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for providers wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

This unit standard is covered by AMAP 0032 which can be accessed at <http://www.nzqa.govt.nz/site/framework/search.html>.