

Title	Describe and use a Global Positioning System (GPS) for a specified rural activity		
Level	3	Credits	2

Purpose	The purpose of this unit standard is to provide the general agricultural industry with people who can describe and setup a GPS, demonstrate the use of, and record data using a GPS for a specified activity.
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Classification	Agriculture > General Agriculture
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Available grade	Achieved
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Explanatory notes

- 1 Relevant requirements refer to:
- Workplace procedures
 - *Best practice guidelines and Standard Operating Procedures (SOPs)* - guidelines and protocols as set out by industry groups such as, Environmental Protection Authority (EPA), Department of Conservation (DOC), and pest product manufacturers
 - Legislation and regulations as set out by government and local bodies. Relevant legislation includes but is not limited to: the Health and Safety at Work Act 2015, and the Animal Welfare Act 1999

Outcomes and evidence requirements

Outcome 1

Set up GPS and describe features and terminology.

Evidence requirements

- 1.1 Describe the primary pages of a GPS according to the manufacturer's manual.
- 1.2 Set up a GPS to define a position on the surface of the earth according to New Zealand convention.
- 1.3 Describe GPS terminology used in practical applications according to workplace procedures and relevant requirements.

Outcome 2

Demonstrate the use of, and record data using a GPS for a specified activity.

Evidence requirements

2.1 Describe GPS use according to its capabilities and limitations for a specified activity according to best practice guidelines.

Range evidence is required for at least two uses and two limitations.

2.2 Describe methods of recording waypoints using a GPS receiver according to relevant requirements.

Range evidence is required for at least two methods.

2.3 Enter, rename, and delete waypoints related to a specified activity in the GPS according to relevant requirements.

2.4 Navigate waypoints to within 10 metres accuracy.

Range evidence is required for at least two waypoints.

2.5 Record tracklogs using a GPS receiver for a specified activity according to organisational procedures.

Range evidence is required for one method.

Replacement information	This unit standard replaced unit standard 20798
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Planned review date	31 December 2020
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	17 March 2016	N/A

Consent and Moderation Requirements (CMR) reference	0052
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMRs). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.