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

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| Purpose | People credited with this unit standard are able to: set up a Global Positioning System (GPS) and describe GPS terminology; and 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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Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to:
 - Health and Safety at Work Act 2015;
 - Animal Welfare Act 1999;
 - and any subsequent amendments.
- 2 References
Best practice guidelines and Standard Operating Procedures (SOPs) – guidelines and protocols as set out by industry groups such as, Environmental Protection Authority (EPA) www.epa.govt.nz, Department of Conservation (DOC) www.doc.govt.nz, and pest product manufacturers
- 3 Definition
Organisational procedures refer to the verbal and written instructions to staff for GPS use and must be consistent with manufacturer's instructions, best practice guidelines and Standard Operating Procedures (SOPs).
- 4 All evidence presented in this unit standard must be in accordance with organisational procedures.

Outcomes and performance criteria

Outcome 1

Set up a GPS and describe GPS terminology.

Performance criteria

- 1.1 Describe the primary pages of a GPS.
- 1.2 Set up a GPS to define a position on the surface of the earth.

1.3 Describe GPS terminology used in practical applications.

Outcome 2

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

Performance criteria

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

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

2.2 Describe methods of recording waypoints using a GPS receiver.

Range evidence of at least two methods is required.

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

2.4 Navigate waypoints to within 10 metres accuracy.

Range evidence of at least two waypoints is required.

2.5 Apply a tracklog recording method using a GPS receiver for a specified activity.

Range evidence of one method is required.

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| Replacement information | This unit standard replaced unit standard 20798. |
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| Planned review date | 31 December 2027 |
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Status information and last date for assessment for superseded versions

| Process | Version | Date | Last Date for Assessment |
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| Registration | 1 | 17 March 2016 | 31 December 2024 |
| Review | 2 | 25 August 2022 | N/A |

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| 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>.

Comments on this unit standard

Please contact Muka Tangata - People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.