

<b>Title</b>	<b>Operate a tractor with an attached implement on rolling terrain under limited supervision</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	<p>This unit standard is for people working under limited supervision with responsibility for operating a tractor with an attached implement to carry out work routines, in a primary industry context.</p> <p>People credited with this unit standard are able to operate a tractor with an attached implement on rolling terrain.</p>
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<b>Classification</b>	Agriculture > Agricultural Vehicles and Machinery
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<b>Prerequisites</b>	<p>Unit 31913, <i>Operate a basic tractor on flat terrain under close supervision</i>; and Unit 31914, <i>Attach and detach a power take off driven 3 point linkage mounted implement to a basic tractor under close supervision</i>; or demonstrate equivalent knowledge and skills.</p>
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<b>Available grade</b>	Achieved
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**Guidance Information**

- 1 Legislation and regulations relevant to this unit standard includes but are not limited to the:
  - Health and Safety at Work Act 2015;
  - Land Transport (Driver Licensing) Rule 1999;
  - Land Transport (Road User) Rule 2004.
- 2 Definition
 

*Limited supervision* refers to the operation of a tractor with an attached implement under the limited guidance of a supervisor who has the knowledge and experience to ensure that the driver is safe at all times.
- 3 For the training and assessment of competency, operation of a tractor with an attached implement must not exceed a 20° slope.
- 4 Assessment
  - During assessment, manufacturer’s recommendations and legislative requirements for the minimum age of a person driving a tractor must be complied with.

- Tractors must be over 1000kg and have a 3 point linkage.
  - Assessment should consider the candidate's behaviour while operating a tractor. Behaviour is defined as a willingness to comply with, and consistent awareness of, safety requirements and workplace procedures. Examples include; wearing appropriate footwear, operating the vehicle in a manner which minimises risk to self and others, avoiding 'no go' areas, not carrying passengers, and following instructions regarding care and maintenance of vehicles.
- 5 For the purposes of this unit standard, *rolling terrain* is defined as class D land under the Land Use Capability Classification, which comprises slopes between 16° and 20° (Rolling to strongly rolling). More detail is available from [https://www.landcareresearch.co.nz/\\_data/assets/pdf\\_file/0017/50048/luc\\_handbook.pdf](https://www.landcareresearch.co.nz/_data/assets/pdf_file/0017/50048/luc_handbook.pdf).
- 6 References
- Information on tractor safety is available from tractor manufacturers.
  - NZTA, *Agricultural Vehicles Guide: A guide for their safe and legal use on New Zealand roads* (2017). Available from New Zealand Transport Agency website [www.nzta.govt.nz](http://www.nzta.govt.nz).
  - Accident Compensation Corporation [www.acc.co.nz](http://www.acc.co.nz).
  - Worksafe New Zealand [www.worksafe.govt.nz](http://www.worksafe.govt.nz).
- 7 Range
- Implements may include but are not limited to – feed out wagon, power harrow, mower, silage wagon, tyne harrow, front end loader.

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## Outcomes and performance criteria

### Outcome 1

Operate a tractor with an attached implement on rolling terrain under limited supervision.

### Performance criteria

- 1.1 Identify hazards in operating a quad bike and describe the potential risks of harm to people.
- Range evidence is required for at least five hazards.
- 1.2 Identify control measures to eliminate or minimise health and safety risks.
- 1.3 Operate tractor with attached implement in a manner which suits the terrain, ground conditions, and implement in accordance with manufacturer's specifications.

- 1.4 Select the gear prior to manoeuvre according suitability for the terrain and ground conditions.
- Range ground conditions include at least one of – wet and greasy surface, cultivated land, green and lush pasture, uphill, downhill, hard ground with heavy dew; evidence of five difficult situations is required.
- 1.5 Apply tractor controls in accordance with manufacturer’s specifications.
- 1.6 Drive the tractor and attached implement at all times appropriate to the conditions, minimising risk of damage to self, others, property, and ground surfaces.
- 1.7 Report and/or record accidents or near misses.
- 1.8 Follow instructions and consistently demonstrate safe riding that complies with safety requirements.

<b>Replacement information</b>	This unit standard replaced unit standard 24536 and unit standard 24537.
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<b>Planned review date</b>	31 December 2024
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 June 2012	31 December 2021
Review	2	24 October 2019	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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 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.