

<b>Title</b>	<b>Operate a mounted front end loader unit for agricultural contracting</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to: describe hazard control for hazards associated with operating a mounted front end loader unit for agricultural contracting; check and prepare front end loader and mounted front end loader unit before use; operate mounted front end loader unit for agricultural contracting; and carry out post-operational procedures.
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<b>Classification</b>	Rural Contracting > Agricultural Contracting
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<b>Available grade</b>	Achieved
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<b>Prerequisites</b>	Driver licence and any driver licence endorsement appropriate to the machine or vehicle being used.
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### Guidance Information

- The following legislation and requirements apply to this unit standard:  
 Health and Safety in Employment Act 1992;  
*Guidelines for the Provision of Safety, Health and Accommodation in Agriculture* (Wellington: Department of Labour, 1996); and  
*Guarding Farm Machinery – Tractor power take-offs and transmission machinery* (Wellington: Department of Labour, 1984); and  
*Approved Code of Practice for Roll Over Protective Structures on Tractors in Agricultural Operations* (Wellington: Department of Labour, 2001); and  
*Approved Code of Practice for Operator Protective Structures on Self-Propelled Mobile Mechanical Plant* (Wellington: Department of Labour, 1999); and  
*Approved Code of Practice for the Management of Noise in the Workplace* (Wellington: Department of Labour, 2002); all available from <http://www.osh.govt.nz/order/catalogue>;  
 Manufacturer's instructions.  
  
 Any legislation or other requirement superseding any of the above will apply, pending review of this unit standard.
- Assessment against this unit standard must be based on evidence from a workplace context.
- Personal protective equipment, appropriate to job requirements, is to be selected and used in accordance with company requirements and manufacturer's instructions.

4 The machine or vehicle for this unit standard may include but is not limited to a wheeled tractor, a tracked tractor, or a vehicle such as a truck.

5 Definitions

*Company requirements* refer to all policies, procedures, and methodologies the candidate's organisation has in place including but not limited to those relating to health, safety, environment, quality, and operations.

*Front end loader*, for the purpose of this unit standard, refers to the front end loader attachment.

*Manufacturer's instructions* may include specifications, installation, handling, use, and maintenance instructions and safety data sheets.

*Mounted front end loader unit* refers to the combination of the machine or other vehicle with a mounted front end loader.

*Sloping terrain* means terrain that exceeds 20°.

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## Outcomes and performance criteria

### Outcome 1

Describe hazard control for hazards associated with operating a mounted front end loader unit for agricultural contracting.

Range includes but is not limited to – people, animals, visibility, terrain and obstacles, machine suitability and condition, mounting, dismounting, controls, traction, loading, machine dynamics, braking.

### Performance criteria

1.1 Hazard controls are described in accordance with company requirements.

### Outcome 2

Check and prepare front end loader and mounted front end loader unit before use.

### Performance criteria

2.1 Front end loader is checked for compatibility and attached and coupled securely, enabling full function and stability of the attachment.

2.2 Front end loader is checked for condition, damage, wear, and faults; problems are identified; and corrective action is taken in accordance with manufacturer's instructions and company requirements.

Range nuts and bolts, bearings, hydraulics, couplings.

2.3 Checks are made and any necessary actions are taken or adjustments made to ensure the front end loader complies with legal and company requirements for operator health and safety.

Range may include but is not limited to – fire extinguisher, first aid equipment, seat, safety belt, mirrors, controls, climate control, sound equipment, communications equipment.

- 2.4 As applicable, tyre pressures for mounted front end loader unit are checked and are adjusted to support the load.
- 2.5 Fluid levels are inspected and adjusted in accordance with manufacturer's instructions and requirements of the job.

### **Outcome 3**

Operate mounted front end loader unit for agricultural contracting.

#### **Performance criteria**

- 3.1 Mounted front end loader unit is driven over prescribed route with no risk of harm to people or damage to unit or property structures.
- 3.2 Mounted front end loader unit is manoeuvred in a controlled manner, without excessive speed, and with particular regard to its stability.
- Range driving forwards, reversing, turning, on flat and sloping terrain.
- 3.3 Mounted front end loader unit is operated in a safe, smooth, and stable manner with no risk of harm to people or damage to unit, other equipment, or property structures.
- Range positioning; load lifting, carrying, and placement.
- 3.4 Equipment and machinery are monitored during operation for condition, damage, wear, and faults, and are replaced, repaired and/or reported in accordance with manufacturer's instructions and company requirements.

### **Outcome 4**

Carry out post-operational procedures.

#### **Performance criteria**

- 4.1 Shut-down procedures are carried out in accordance with manufacturer's instructions.
- 4.2 Equipment is cleaned and, as required, treated in accordance with manufacturer's instructions and/or company requirements.
- 4.3 Lubrication is carried out in accordance with manufacturer's instructions.
- 4.4 Any damage or faults including any missing, bent, broken, or loose parts are identified and are repaired, replaced, or reported in accordance with manufacturer's instructions and/or company requirements.
- 4.5 Equipment and machinery are stored in accordance with company requirements.

- 4.6 Documentation for the operation is completed in accordance with company and client requirements, and is stored in accordance with company requirements.

**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	23 July 1996	31 December 2021
Revision	2	5 January 1999	31 December 2021
Revision	3	18 January 2000	31 December 2021
Review	4	31 October 2002	31 December 2021
Revision	5	16 January 2003	31 December 2021
Review	6	25 June 2007	31 December 2021
Review	7	26 March 2020	31 December 2021

**Consent and Moderation Requirements (CMR) reference**

0101

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.