

<b>Title</b>	<b>Operate machinery to handle and store bales</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>15</b>

<b>Purpose</b>	People credited with this unit standard are able to: describe hazard control for hazards associated with operating machinery to handle and store bales; select and prepare bale storing equipment and machinery; prepare to store bales; operate machinery to handle bales; handle and store bales; 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>	Class of driver licence and any driver licence endorsement appropriate for the vehicle being driven.
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### Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with relevant legislative and industry requirements.
- 2 Legislation and references relevant to this unit standard include:
  - Health and Safety at Work Act 2015, available from [www.legislation.govt.nz](http://www.legislation.govt.nz);
  - *Land Transport Rule – Heavy Vehicles 2004*;
  - *The Official New Zealand Truck Loading Code*, available from [www.nzta.govt.nz](http://www.nzta.govt.nz);
  - *Guidelines for the Safe Handling, Transportation and Stacking of Large Hay Bales 1995*; available from [www.worksafe.govt.nz](http://www.worksafe.govt.nz);
  - and all subsequent amendments and replacements.
- 3 Definition  
*Industry requirements* refer to relevant policies, processes, methodologies, industry codes of practice, site specific health and safety plans, standard operating procedures, site safety plans, quality plans, work plans, traffic management plans, contract work programmes, job safety analysis, safe work method statements, job instructions, manufacturer's requirements, contract specifications, manuals, procedural documents.

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## Outcomes and performance criteria

### Outcome 1

Describe hazard control for hazards associated with operating machinery to handle and store bales.

#### Performance criteria

1.1 Hazard controls are described.

### Outcome 2

Select and prepare bale storing equipment and machinery.

#### Performance criteria

2.1 Equipment and machinery appropriate for storing bales are selected.

Range may include but is not limited to – tractor, wheels, couplings, alignments, front-end loader, attachments, hay hiker, stack and mover;  
evidence of three pieces of equipment or machinery is required.

2.2 Equipment and machinery are checked and are fit for purpose; and, if required, corrective action is taken.

2.3 Handling attachment is checked for compatibility and attached and coupled securely.

### Outcome 3

Prepare to store bales.

#### Performance criteria

3.1 A check is made to ensure the storage area is suitable for storing bales in accordance with client requirements.

Range site, cleanliness, drainage, weather protection.

3.2 Bales are checked to confirm they are in a suitable state for storage.

3.3 If required, agent is applied to the hay to prevent spontaneous combustion and to control fungus.

3.4 Area for storing bales is prepared in accordance with client requirements.

### Outcome 4

Operate machinery to handle bales.

**Performance criteria**

4.1 Equipment and machinery are operated in a safe, smooth, and stable manner with no risk of harm to people or damage to equipment or property structures.

Range positioning; load lifting, carrying, and placement.

4.2 Truck loading and unloading conforms to the Truck Loading Code.

4.3 Equipment and machinery are monitored during use, and required adjustments are made in accordance with client requirements.

**Outcome 5**

Handle and store bales.

**Performance criteria**

5.1 Bales are unloaded with no risk of harm to people or damage to machinery, equipment, or property structures.

5.2 Bales are stacked in a stable configuration in accordance with the Guidelines for the Safe Handling, Transportation and Stacking of Large Hay Bales.

5.3 As required bales are weather protected.

**Outcome 6**

Carry out post-operational procedures.

**Performance criteria**

6.1 Shut-down procedures are carried out.

6.2 Any damage or faults including any missing, bent, broken, or loose parts are identified and are repaired, replaced, or reported.

6.3 Machinery and equipment is stored.

6.4 Documentation for the operation is completed and stored in accordance with client requirements.

<b>Replacement information</b>	This unit standard replaced unit standard 6286 and unit standard 23632.
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<b>Planned review date</b>	31 December 2026
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	16 July 2015	31 December 2023
Review	2	26 August 2021	N/A

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

0101

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

**Comments on this unit standard**

Please contact Connexis - Infrastructure Industry Training Organisation [qualifications@connexis.org.nz](mailto:qualifications@connexis.org.nz) if you wish to suggest changes to the content of this unit standard.