

Title	Operate stacking equipment and machinery for silage production		
Level	4	Credits	20

Purpose	People credited with this unit standard are able to: clarify job instructions; select and prepare equipment and machinery for silage stacking; carry out field preparation; build silage stacks with stacking equipment and machinery; and carry out post-operational procedures.
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Classification	Rural Contracting > Agricultural Contracting
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Available grade	Achieved
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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 industry and legislative requirements.
- 2 Legislation and references relevant to this unit standard include: Health and Safety at Work Act 2015, available from www.legislation.govt.nz; and all subsequent amendments and replacements.
- 3 Definitions
Equipment and machinery for silage stacking refers to a tractor with buck rake, a tractor with front end loader and buck rake, a pay loader with bucket and blade or buck rake, a tracked hydraulic digger with wide bucket.
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.

Outcomes and performance criteria

Outcome 1

Clarify job instructions.

Performance criteria

- 1.1 Job instructions are clarified.

Outcome 2

Select and prepare equipment and machinery for silage stacking.

Performance criteria

- 2.1 Selected equipment and machinery are appropriate for the work to be carried out.
- 2.2 Equipment and machinery are checked and are fit for purpose; and, if required, corrective action is taken.

Outcome 3

Carry out field preparation.

Performance criteria

- 3.1 Hazards are identified and controlled.
- 3.2 Planned work programme takes account of client requirements.

Outcome 4

Build silage stacks with stacking equipment and machinery.

Performance criteria

- 4.1 Equipment and machinery are operated in a safe manner with no risk of harm to people and animals or damage to equipment or property structures.
- 4.2 Silage is placed in a uniform manner and is shaped and compacted in accordance with client requirements.
- 4.3 Equipment and machinery are monitored during use, and required adjustments are made in accordance with the requirements of the job.

Outcome 5

Carry out post-operational procedures.

Performance criteria

- 5.1 Equipment and machinery are shut down and stored.
- 5.2 Equipment is cleaned and lubricated, and any damage or faults are repaired, replaced, or reported
- 5.3 Documentation for the operation is completed and stored in accordance with client requirements.

Planned review date	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	25 June 2007	31 December 2016
Review	2	16 July 2015	31 December 2023
Review	3	26 August 2021	N/A

Consent and Moderation Requirements (CMR) reference	0101
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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 Connexis - Infrastructure Industry Training Organisation qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.