

Title	Operate a low entry vehicle for transportation of waste		
Level	3	Credits	15

Purpose	People credited with this unit standard are able to: apply knowledge of specific care and safety requirements to operate a low entry vehicle; load and compact rubbish bags and waste from bins into a low entry vehicle; and unload waste from a low entry vehicle and complete the relevant documentation.
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Classification	Commercial Road Transport > Transportation of Waste and Recoverable Resources
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Available grade	Achieved
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Prerequisites	<p>Drivers must hold a current full driver licence and/or endorsement appropriate to the class of vehicle being driven.</p> <p>Unit 17593, <i>Apply safe work practices in the workplace</i>, or demonstrate equivalent knowledge and skills.</p>
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Guidance Information

- 1 Legislation, regulations, references and/or industry standards relevant to this unit standard include but are not limited to the:
 - Health and Safety at Work Act 2015;
 - Land Transport Act 1998;
 - Resource Management Act 1991;
 - Health and Safety at Work Regulations 2016;
 - Traffic Regulations 1976;
 - Land Transport (Driver Licensing) Rule 1999 (Rule 91001);
 - Land Transport Rule: Vehicle Repair 1998 (Rule 34001);
 - Land Transport Rule: Vehicle Standards Compliance 2002;
 - Local authority regulations and by-laws;
 - Waka Kotahi New Zealand Transport Agency. *Official New Zealand Road Code*. (Applicable to the vehicle being driven). Available from: <https://www.nzta.govt.nz/roadcode>;
 - Waste Management Institute of New Zealand (2022). *Health and Safety Guidelines for the Solid Waste and Resource Recovery Sector – part two (Chapter 32, Low entry collection vehicles)*. Available from: <https://www.wasteminz.org.nz/sector-groups>.

Any new, amended, or replacement Acts, regulations, Rules, standards, codes of practice, authority requirements or conditions affecting the outcome of this unit standard will take precedence for assessment purposes, pending review of this unit standard.

2 Definitions

A *low entry vehicle* (LEV) refers to a heavy rigid motor vehicle to which is mounted a compaction type body. The vehicle has a modified vehicle cab designed for the efficient kerbside collection of domestic waste using a single operator. The vehicle consists of a low left hand entry and low loading height compactor chamber, a compacting body which houses a hydraulically operated paddle packer assembly used to compress the waste, a tail or side door which is used to empty the whole body of waste, and a hydraulically operated hoist to raise it from the chassis when emptying the body of waste.

Bin refers to waste and/or recycling bin and includes mobile garbage bin (MGB), crates and food waste caddy.

Lockout refers a state in which energy in the system from all sources, including electrical and hydraulic, is reduced to zero.

Workplace procedures refer to organisation policies and procedures that are documented in memo, electronic, or manual format and available in the workplace. They may include but are not limited to – standard operating procedures, site specific procedures, site safety procedures, equipment operating procedures, quality assurance procedures, product quality specifications, manufacturer's requirements, references, approved codes of practice, housekeeping standards, environmental considerations, on-site briefings, supervisor's instructions, and procedures to comply with legislative and local body requirements relevant to the waste transport sector.

3 Assessment information

While every assessment situation may not provide opportunity for evidence of every performance criterion, evidence may be obtained over a period of time on the job, over several assessment opportunities, or through other means such as attestation and the use of questioning.

Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, workplace procedures and legislative requirements.

Outcomes and performance criteria

Outcome 1

Apply knowledge of specific care and safety requirements to operate a low entry vehicle.

Performance criteria

1.1 Cleaning and non-technical maintenance of the vehicle are undertaken.

Range daily, periodical, lockout procedure included where required.

- 1.2 Safety items are used and stored.
- Range gloves, helmet, footwear, high visibility vest, first aid kit, broom and shovel, and, where provided on the vehicle, fire extinguisher, spill kit.
- 1.3 Procedure for handling or non-handling of visible hazardous materials from rubbish bags or bins is demonstrated.
- 1.4 Procedure for clearing blockages from the loading area is demonstrated.
- Range lockout, climbing into and out of the loading area, problem identification, solving the problem.

Outcome 2

Load and compact rubbish bags and waste from bins into a low entry vehicle.

Performance criteria

- 2.1 Vehicle is stopped with foot and/or auxiliary brake and is stationary, rotating beacons are turned on, power take off (PTO) is engaged, and compactor system is operating.
- 2.2 Rubbish bags and/or waste from bins at the roadside are lifted and deposited into the compacting area of the body.
- 2.3 Automatic compaction of waste within the body of the vehicle is monitored once loading ceases and the compactor system is disengaged once the body is full.
- 2.4 Left side cab driving controls are engaged, used, and disengaged to support loading operations.

Outcome 3

Unload waste from a low entry vehicle and complete the relevant documentation.

Performance criteria

- 3.1 Vehicle is positioned on level, stable ground, with handbrake is engaged and transmission in neutral, to ensure vehicle safety and stability for unloading.
- 3.2 PTO is engaged and tail or side door is opened.
- 3.3 Hoist is operated, load is discharged, tail or side door is closed, and PTO is disengaged.
- 3.4 Documentation for disposal of waste is completed.

Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	23 November 1999	31 December 2022
Review	2	30 October 2003	31 December 2022
Review	3	18 July 2008	31 December 2022
Review	4	29 April 2021	31 December 2025
Review	5	29 June 2023	N/A

Consent and Moderation Requirements (CMR) reference	0014
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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 Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.