

Title	Operate a sideloader 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 sideloader vehicle; load and compact waste from rubbish containers into a sideloader vehicle; and unload waste from a sideloader 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	Drivers must hold a current full driver licence and/or endorsement appropriate to the class of vehicle being driven. Unit 17593, <i>Apply safe work practices in the workplace</i> , or demonstrate equivalent knowledge and skills.
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Guidance Information

- 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 34, Side loading 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

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

A *sideloader vehicle* refers to a heavy rigid motor vehicle to which is mounted a compaction type body. The sideloader vehicle consists of a compacting body which houses a hydraulically operated packer assembly used to push the waste into the unit from each side of the waste hopper area, a rear door which is used to empty the whole body of waste, a hydraulically operated hoist under the body to raise it from the chassis when emptying the body of waste, and a hydraulically operated arm on the left hand side of the body which picks up rubbish containers and empties their contents into the body of the sideloader vehicle. Sideloaders include left hand drive vehicles and right hand drive vehicles with a left hand pick up arm.

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 sideloader 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 the handling or non-handling of visible hazardous materials from rubbish containers is demonstrated.
- 1.4 Procedure for clearing blockages from the hopper is demonstrated.
- Range lockout, climbing on and off the vehicle, problem identification, solving the problem.

Outcome 2

Load and compact waste from rubbish containers into a sideloader vehicle.

Performance criteria

- 2.1 Vehicle is positioned and is stationary, power take off (PTO) is engaged, and loading arm is lined up with the rubbish containers to allow lifting, emptying, and lowering of rubbish containers.
- 2.2 Procedural checks, and any necessary corrections, are made to ensure the area is suitable for operations.
- Range may include – overhead cables, environmental hazards, pedestrian access, cycle lanes.
- 2.3 Rubbish containers are grasped with the loading arm, are lifted, emptied, and replaced on the ground, and the grip on the rubbish containers with the loading arm is released.
- 2.4 Loading arm is returned to travel position prior to travel, and PTO is disengaged if appropriate.
- 2.5 Waste is compacted within the body of the vehicle.

Outcome 3

Unload waste from a sideloader vehicle and complete the relevant documentation.

Performance criteria

- 3.1 Vehicle is positioned on level, stable ground to ensure vehicle safety and stability for unloading.
- 3.2 PTO is engaged and rear door is opened.
- 3.3 Hoist is operated, load is discharged, rear 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.