

<b>Title</b>	<b>Operate a hookload vehicle for transportation of waste</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	People credited with this unit standard are able to: apply knowledge of specific care and safety requirements to operate a hookload vehicle; load a hookload bin or compactor from the ground onto a hookload vehicle and secure the bin or compactor for travel; unload waste from inside a hookload bin or compactor and complete the relevant documentation; and place a hookload bin or compactor on the ground from a hookload vehicle and prepare the vehicle for travel.
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<b>Classification</b>	Commercial Road Transport > Transportation of Waste and Recoverable Resources
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<b>Available grade</b>	Achieved
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<b>Prerequisites</b>	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

- 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 31, Hook lift 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 *hookload vehicle* refers to a heavy rigid motor vehicle to which is mounted a hookload container handling system. The hookload vehicle consists of a specially designed arm with a large pre-formed hook on the end. This arm operates hydraulically in conjunction with upper and lower beams which are attached to a subframe.

*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.

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## Outcomes and performance criteria

### Outcome 1

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

### Performance criteria

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

Range daily, periodical.

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 hookload bin or compactor is demonstrated.

Range for loading and unloading operations.

## Outcome 2

Load a hookload bin or compactor from the ground onto a hookload vehicle and secure the bin or compactor for travel.

### Performance criteria

- 2.1 Procedural checks and any necessary corrections are made to ensure there are safe clearances for the lifting operation.

Range clearances – overhead, ground, side, rear.

- 2.2 The rear of the vehicle is positioned close to, and aligned with, the bin or compactor to allow safe and efficient lifting and placement of the bin or compactor.

Range clearances – overhead, ground, side, rear.

- 2.3 The container is prepared for lifting and transportation.

Range disconnection (where fitted) of – anchorage and/or fastening systems, electrical connections; preparation for transport – doors closed and secured, or load covered.

- 2.4 Power take off (PTO) is engaged, hook is connected on the bin or compactor and bin or compactor is lifted squarely and fully forward onto the vehicle.

- 2.5 Prior to travel, placement of the bin or compactor on the vehicle is such that the bin or compactor is connected with the vehicle's locking bar, and PTO is disengaged.

## Outcome 3

Unload waste from inside a hookload bin or compactor and complete the relevant documentation.

### Performance criteria

- 3.1 Vehicle is positioned on level, stable ground and PTO is engaged, bin or compactor doors are opened and secured, or load is uncovered to ensure vehicle safety and stability for unloading.

- 3.2 Waste is discharged from the bin or compactor.

- 3.3 Documentation for disposal of waste is completed.

**Outcome 4**

Place a hookload bin or compactor on the ground from a hookload vehicle and prepare the vehicle for travel.

**Performance criteria**

- 4.1 Visual check is undertaken to ensure the ground space for the bin or compactor is level, stable, and clear, to confirm there will be no obstruction to others once the bin or compactor is placed, and to ensure there is safe overhead clearance for the operation.
- 4.2 Hazard lights are switched on, vehicle is positioned, and PTO is engaged, to allow lifting and placement of the bin or compactor in the required space.
- 4.3 Bin or compactor is lifted and placed on the ground in the required space.
- 4.4 Where power reconnection is required, the sealing rings for power leads to the bin or compactor are fitted securely to prevent ingress of water to the connection and to prevent arcing.
- 4.5 The hook on the hookload system arm is released from the bin or compactor, the hook arm is returned to the travel position, and PTO is disengaged.

<b>Planned review date</b>	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

<b>Consent and Moderation Requirements (CMR) reference</b>	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](mailto:qualifications@hangaarorau.nz) if you wish to suggest changes to the content of this unit standard.