

Title	Transport logs by overdimension heavy combination motor vehicle in off-highway environments		
Level	4	Credits	12

Purpose	People credited with this unit standard are able to: prepare for log transportation by overdimension vehicle; prepare to oversee, and oversee, the loading of logs onto an overdimension vehicle; drive an overdimension logging vehicle off highway; and oversee the unloading of logs from an overdimension vehicle.
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Classification	Commercial Road Transport > Goods Service
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Available grade	Achieved
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Prerequisites	Drivers must hold a current full driver licence appropriate to the class of vehicle being driven.
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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;
 - Heavy Motor Vehicle Regulations 1974;
 - Land Transport (Driver Licensing) Rule 1999;
 - Land Transport Rule: Heavy Vehicles 2004;
 - Land Transport Rule: Vehicle Dimensions and Mass 2016;
 - WorkSafe NZ. (current edition). *Approved Code of Practice for Safety and Health in Forest Operations*. Available from: <https://www.worksafe.govt.nz/>;
 - Log Transport Safety Council. *LTSC Industry Standards*. Available from: <https://logtruck.co.nz/>;
 - Waka Kotahi New Zealand Transport Agency. (current edition). *The Official New Zealand Truck Loading Code – Code of Practice for the Safety of Loads on Heavy Vehicles*. Available from: <https://www.nzta.govt.nz/roadcode/>.

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

2 Definitions

Off-highway refers to driving on privately owned forest roads. On such roads, vehicles must be driven in accordance with road traffic law but are not restricted in terms of weights and dimensions, except as determined by the road owner and manufacturer's ratings.

LTSC Industry Standards refers to a set of best practice guidelines and minimum legal requirements produced by the Log Transport Safety Council.

Overdimension vehicle refers to a heavy motor vehicle, being a rigid stem unit or a combination logging truck that, due to being over-dimension for width, height, and/or length, and exceeding public road weight limits, cannot legally be driven on public roads (except for an approved purpose), but may be driven off-highway on what are commonly referred to as private roads. These vehicles are registered as 'Exempt Class A', are not fitted with hubodometers, and do not incur road user charges. For the purposes of this unit standard, over-dimension vehicle excludes special type harvesting vehicles.

Positioning refers to positioning of the vehicle for loading and unloading including setting of equipment for the vehicle.

Truck Loading Code refers to The Official New Zealand Truck Loading Code – Code of Practice for the Safety of Loads on Heavy Vehicles.

Workplace procedures refers 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 commercial road transport sector.

3 Assessment information

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

Prepare for log transportation by overdimension vehicle.

Performance criteria

- 1.1 Vehicle is inspected and prepared for off-highway use.
- 1.2 Protective clothing and equipment are checked and confirmed to be compliant and accessible.
- 1.3 Loading site and route are confirmed using maps, verbal, written or electronic instructions.

Outcome 2

Prepare to oversee the loading of logs onto an overdimension vehicle.

Performance criteria

- 2.1 Communications with the loader operator are established.
Range site entry, log grade and length, positioning of vehicle.
- 2.2 Protective clothing and equipment is worn.
- 2.3 The vehicle is positioned and parked safely.
Range may include – vehicle is readied for loading.

Outcome 3

Oversee the loading of logs onto an overdimension vehicle.

Performance criteria

- 3.1 Safe zone is established.
- 3.2 Loading is directed from a safe position.
- 3.3 Load is positioned correctly on the vehicle.
- 3.4 Load is inspected for correct height, crowning, overhang and adjusted as required.
- 3.5 Delivery documentation is completed correctly.

Outcome 4

Drive an overdimension logging vehicle off highway.

Performance criteria

- 4.1 Load is secured.
Range load restraints, remove loose debris.
- 4.2 Vehicle is driven in an off-highway environment.
Range loaded, unloaded.

Outcome 5

Oversee the unloading of logs from an overdimension vehicle.

Performance criteria

5.1 Communications with the machine operator is established.

Range may include - site entry, log grade and length, positioning of vehicle.

5.2 Logs are unloaded safely.

5.3 Delivery documentation requirements are completed.

5.4 Vehicle is readied for return trip.

Range may include – remove loose debris, resetting bolsters, loading trailer.

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 January 2002	31 December 2020
Review	2	25 May 2007	31 December 2020
Revision	3	21 November 2008	31 December 2020
Review	4	28 March 2019	31 December 2025
Review	5	30 November 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.