

Title	Demonstrate knowledge of general health, safety, and basic operational requirements for log truck drivers		
Level	3	Credits	6

Purpose	<p>People credited with this unit standard are able to: describe health and safety legislation and guidelines relevant to log truck operations; the safe loading and unloading practices in log truck operations; and safe log truck driving practices in a forest environment.</p> <p>They are also able to demonstrate knowledge of: risks and risk management for log truck drivers; the general safety requirements for log truck driving in a forest environment; and log truck operator procedures used in the event of a forest emergency.</p>
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Classification	Commercial Road Transport > Commercial Road Transport Skills
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Available grade	Achieved
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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 (HSWA);
 - Land Transport Act 1998;
 - Heavy Motor Vehicle Regulations 1974;
 - Land Transport (Driver Licensing) Rule 1999;
 - Land Transport (Driver Licensing) Amendment Rule 2006;
 - Land Transport Rule: Heavy Vehicles 2004;
 - Land Transport (Road User) Rule 2004;
 - WorkSafe NZ, (2012). *Approved Code of Practice for Safety and Health in Forest Operations 2012*. Available from: <https://www.worksafe.govt.nz/>;
 - Log Transport Safety Council. *LTSC Industry Standards*. Available from: <https://logtruck.co.nz/>.

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

2 Definitions

Code of Practice refers to Approved Code of Practice for Safety and Health in Forest Operations.

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

Near hit refers to an accident or incident that had the potential to cause harm.

Notifiable event refers to an event when any of the following occurs as a result of work; a death, notifiable illness or injury, a notifiable incident.

PCBU refers to a Person Conducting a Business or Undertaking.

Safe Behaviour Observations refer to formal safety checks carried out on a regular basis.

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 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

Describe health and safety legislation and guidelines relevant to log truck operations.

Performance criteria

1.1 The purpose of the HSWA is described.

1.2 Terminology relevant to health and safety and risk management is described in accordance with the HSWA.

Range officer, worker, PCBU, reasonably practicable, risk, eliminate, minimise, notifiable event.

1.3 The purpose of industry guidance documents is described.

Range Code of Practice for Safety and Health in Forest Operations, LTSC Industry Standards.

1.4 Duties defined by the HSWA are described.

Range officer, worker, PCBU.

1.5 Employment practice is described.

Range induction, drug and alcohol testing, medicals, assessment of competence, training, supervision.

Outcome 2

Demonstrate knowledge of risks and risk management for log truck drivers.

Performance criteria

2.1 Risks commonly found when entering a forest and control methods are described.

Range risks include – road conditions, weather conditions, other vehicles and machinery, dust, harvesting sites, hazardous trees, members of the public;
control methods may include – forest owner and contractor rules; communication to drivers and operators, road rules, positioning of vehicle, signage.

2.2 Risks commonly found when entering a port, sawmill or wood processing site and control methods are described.

Range risks include – congestion, moving machinery and vehicles, trains, people;
control methods may include – site rules, company requirements, standard operating procedures, Road Rules, signage, positioning of vehicle.

2.3 Workplace hazard identification systems are described.

Range may include – inspections, audits, Safe Behaviour Observations, incident reports, near hit reports, hazard reports;
evidence of four systems is required.

2.4 Reporting and recording of incidents, near hits, and hazards is described in terms of process and importance.

Outcome 3

Describe the safe loading and unloading practices in log truck operations.

Performance criteria

3.1 Safe lifting and setting up of truck and trailer for loading is described.

Range certified lifting chain, clear communication, never underneath, minimal height, hands clear, connects electrical and hoses after grounded.

- 3.2 Safe practices during loading are described.
- Range drivers' safe zone, moving into loading zone, load correction, final responsibility.
- 3.3 Legal requirements for load are described.
- Range overhang, permit length, short logs, crowning, height restrictions, load restraint.
- 3.4 Safe unloading practices are described.
- Range clear communication, establish safe zone, comply with site rules.
- 3.5 Safe lifting of trailer onto truck with a gantry or machine is described.
- Range may include – visual inspection of gantry, fault reporting, certified lifting chain, check lifting chain and attachments, correct trailer position, disconnect attachments, position hook, lift and turn drawbar, lift and reverse truck, lower, remove hook, secure to truck;
evidence of four is required.

Outcome 4

Describe safe log truck driving practices in a forest environment.

Performance criteria

- 4.1 Practices that minimise the risk of driving a log truck in a forest environment are described.
- Range road positioning, identify one-way circuits, driving with lights on, drive to the conditions, speed limits, other vehicles, radio telephone protocols, call up markers, location reporting.

Outcome 5

Demonstrate knowledge of general safety requirements for log truck driving in a forest environment.

Performance criteria

- 5.1 The personal protective equipment is described.
- 5.2 Forestry signage, and usage is described.
- Range warning signs, stop proceed when instructed signs, road closed signs, banners, crew signage, compulsory call up areas, call up markers.

5.3 Methods used to draw attention when entering an active forestry work site is described.

Range contact crew with radio, stop at entrance to site, enter chain shot area, no entry until acknowledged.

Outcome 6

Demonstrate knowledge of log truck operator procedures used in the event of a forest emergency.

Performance criteria

6.1 Location of Emergency Procedures Guide is identified.

6.2 Action to be taken when first on the scene of a fire, accident, or medical emergency is described.

Range securing the scene, communication procedures, first aid.

6.3 Purpose and use of a radio or mobile phone during an emergency is described.

6.4 Essential information to be communicated in the event of an emergency is described.

Range evidence of five pieces of essential information is required.

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	28 March 2019	31 December 2022
Review	2	23 July 2020	31 December 2025
Review	3	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.