

Title	Load, secure, and transport infrastructure works materials, small plant, and equipment		
Level	3	Credits	2

Purpose	People credited with this unit standard are able to: prepare to load and load a vehicle; and restrain, secure, protect, and transport a load for infrastructure works activities
----------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Classification	Infrastructure Works > Generic Infrastructure Works
-----------------------	-----------------------------------------------------

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 Legislation and references relevant to this unit standard include:
Health and Safety at Work Act 2015;
Land Transport Act 1998;
Land Transport (Driver Licensing) Rule 1999;
Land Transport (Driver Licensing) Amendment Rule 2014;
Land Transport (Road User) Rule 2004;
The Official New Zealand Truck Loading Code, available from
<http://www.nzta.govt.nz/assets/resources/roadcode/truck-loading-code/docs/tlc.pdf>.
- 2 This unit standard does not include the loading, securing, and transport of bulk materials, large plant and equipment, dangerous goods, or hazardous substances.
- 3 Information relating to the maximum permitted vehicle weights and dimensions can be found in Land Transport Rule: Vehicle Dimensions and Mass 2016 and NZ Transport Agency Factsheets, 13a (*Heavy Rigid Vehicles*) and 13c (*Heavy trailers and combination vehicles: full, semi, simple, pole, A- and B-train*).
- 4 Assessment against this unit standard must be based on evidence from a workplace context.
- 5 Definitions
Company requirements include the policy, procedures, and methodologies of the company. They include legislative and regulatory requirements applicable to the company or a specific site. Requirements are documented in the company's health and safety plans, traffic management plans, contract work programmes, quality assurance programmes, policies, and procedural documents.
Load platform is the part of the vehicle designed to carry goods.
Load restraint systems are methods of securing loads to prevent load movement during deceleration in forward or rearward direction, during cornering, or while travelling over undulating roads. Usually provided by anchor points, baulking

arrangements attached to the vehicle, or direct or indirect restraint between the load and the load platform.

Load securing devices are items used to secure loads and may include clamps, chains, webbing straps, rope, head/side boards, and tensioners.

Outcomes and performance criteria

Outcome 1

Prepare to load a vehicle for infrastructure works activities.

Range materials, small plant, equipment.

Performance criteria

- 1.1 The load weight is determined, and the load width, height, and length are checked in accordance with company requirements.
- 1.2 The selected vehicle meets statutory and regulatory requirements for load type, weight, and dimensions.

Outcome 2

Load a vehicle.

Performance criteria

- 2.1 The load is distributed safely within the load platform to meet legal weight and dimension requirements.
- 2.2 Action is taken to vary the load as required in accordance with company requirements.

Outcome 3

Restrain, secure, and protect a load for infrastructure works activities.

Performance criteria

- 3.1 The load is restrained and secured in accordance with company requirements.
- 3.2 Load restraint systems and securing devices are used as required by the Truck Loading Code and company requirements.
- 3.3 The load is protected from the environment in accordance with company requirements.

Outcome 4

Transport the load for infrastructure works activities.

Performance criteria

- 4.1 The load is transported safely in accordance with legal and company requirements.

Planned review date	31 December 2023
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 February 2015	31 December 2021
Review	2	27 September 2018	N/A

Consent and Moderation Requirements (CMR) reference	0101
------------------------------------------------------------	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Infrastructure ITO qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.