

Title	Convey infrastructure works plant by transporter		
Level	3	Credits	20

Purpose	People credited with this unit standard are able to: receive instructions and prepare for transporting infrastructure works plant; confirm load characteristics and confirm permits; prepare for loading infrastructure works plant; load and secure infrastructure works plant on transporter; transport infrastructure works plant by road; and unload infrastructure works plant from transporter.
----------------	---

Classification	Infrastructure Works > Civil Plant Operation
-----------------------	--

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

Prerequisites	Class of driver licence and any driver licence endorsement appropriate for the vehicle being driven.
----------------------	--

Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with relevant legislative and industry requirements.
- 2 Legislation relevant to this unit standard includes:
 - Health and Safety at Work Act 2015;
 - Traffic Regulations 1976;
 - Land Transport Rule: Vehicle Dimensions and Mass 2016;
 - Land Transport Rule: Heavy Vehicles 2004; available from www.nzta.govt.nz;
 - and all subsequent amendments and replacements.
- 3 Definition
Industry requirements refer to relevant policies, processes, methodologies, industry codes of practice, site specific health and safety plans, standard operating procedures, site safety plans, quality plans, work plans, traffic management plans, contract work programmes, job safety analysis, safe work method statements, job instructions, manufacturer's requirements, contract specifications, manuals, procedural documents. Waka Kotahi New Zealand Transport Agency specifications and guidelines.

Outcomes and performance criteria

Outcome 1

Receive instructions and prepare for transporting infrastructure works plant.

Performance criteria

- 1.1 Instructions regarding machinery required, pick-up location, and delivery destination are confirmed.
- 1.2 Machinery items, numbers, and location are confirmed against instructions received.
- 1.3 Route is planned and confirmed in relation to weight and dimensions of loaded transporter in accordance with Traffic Regulations 1976, route obstructions, and local authority requirements.

Outcome 2

Confirm load characteristics and confirm permits.

Performance criteria

- 2.1 Weight of infrastructure works plant is confirmed in accordance with transporter's carrying capacity, and traffic load restriction rules and regulations.

Range weighbridge or axle loads, tare weights.
- 2.2 Loading and dimensions of infrastructure works plant are confirmed in accordance with Traffic Regulations 1976.

Range width, height, and length are measured with a tape measure.
- 2.3 Permits are confirmed in accordance with Traffic Regulations 1976 and roading authority requirements.

Range permits – overweight, overdimension.
- 2.4 Piloting requirements are confirmed in accordance with Traffic Regulations 1976 and roading authority requirements.

Outcome 3

Prepare for loading infrastructure works plant.

Performance criteria

- 3.1 Transporter is positioned on firm level ground prior to loading in accordance with technical instructions.
- 3.2 Deck of transporter is cleared of debris prior to loading.

- 3.3 Infrastructure works plant is freed of loose material prior to being loaded onto transporter.

Outcome 4

Load and secure infrastructure works plant on transporter.

Performance criteria

- 4.1 Infrastructure works plant is loaded onto transporter.
Range machinery – on wheels, on self-laying tracks, on rollers.
- 4.2 Infrastructure works plant is located on transporter according to the axle loadings of the transporter in accordance with Traffic Regulations 1976 and Land Transport Rules.
- 4.3 Infrastructure works plant is secured to the transporter.
Range rated anchor points, number, rating, position, tensioning of load-securing devices.

Outcome 5

Transport infrastructure works plant by road.

Performance criteria

- 5.1 Transporter enters traffic flow in accordance with Traffic Regulations 1976.
- 5.2 Infrastructure works plant is transported to specified destination in accordance with Traffic Regulations 1976 and permits.
- 5.3 Specified route is adhered to.

Outcome 6

Unload infrastructure works plant from transporter.

Performance criteria

- 6.1 Infrastructure works plant is unloaded from transporter.
- 6.2 Confirmation of the arrival of machinery at the destination is sent and a supervisor is contacted.

Planned review date	31 December 2026
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	30 July 1996	31 December 2014
Revision	2	9 March 1999	31 December 2014
Review	3	30 May 2000	31 December 2014
Review	4	25 September 2006	31 December 2016
Review	5	19 February 2015	31 December 2023
Review	6	30 September 2021	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 Connexis - Infrastructure Industry Training Organisation qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.