

<b>Title</b>	<b>Deliver, stockpile, and spread aggregates with truck and trailer and complete post-operational procedures</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>20</b>

<b>Purpose</b>	People credited with this unit standard are able to: prepare for the loading of aggregates; load truck and trailer; deliver aggregates by truck and trailer; stockpile aggregates from truck and trailer; spread aggregates from truck and trailer on an infrastructure worksite; and complete post-operational procedures.
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<b>Classification</b>	Infrastructure Works > Infrastructure Works Equipment
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<b>Available grade</b>	Achieved
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<b>Prerequisites</b>	Class of driver licence and any driver licence endorsement appropriate for the vehicle being driven.
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### 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;
  - 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.

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## Outcomes and performance criteria

### Outcome 1

Prepare for the loading of aggregates.

#### Performance criteria

- 1.1 Decks of truck and trailer are cleaned down between loads of different materials.
- 1.2 Product is confirmed as meeting contract specifications.
- 1.3 Truck and trailer are placed in safe position for loading as indicated by loading operator.

### Outcome 2

Load truck and trailer.

#### Performance criteria

- 2.1 Communication is maintained with loading operator.
- 2.2 Truck driver ensures that load is positioned.
- 2.3 Truck driver ensures that axle loadings comply with Traffic Regulations 1976 and Land Transport Rules.

### Outcome 3

Deliver aggregates by truck and trailer.

#### Performance criteria

- 3.1 Load is secured prior to and during delivery and on return journey in accordance with Traffic Regulations 1976 and Land Transport Rules.  
  
Range tail gate, loose stones.
- 3.2 Aggregate delivery is confirmed with client.

### Outcome 4

Stockpile aggregates from truck and trailer.

#### Performance criteria

- 4.1 Location of stockpile on site is confirmed.
- 4.2 Trailer is manoeuvred to stockpile, tailgate released, hoist engaged, and load dumped in sequence.

4.3 Emptied trailer is jack-knifed clear of truck, and truckload is stockpiled.

4.4 Single load is distributed to several stockpiles in accordance with contract specifications.

Range evidence is required of two instances of unloading a full load into a series of stockpiles.

**Outcome 5**

Spread aggregates from truck and trailer on an infrastructure worksite.

**Performance criteria**

5.1 Location of spread is confirmed with site supervisor.

5.2 Vehicle is positioned for spread, chains set, hoist engaged, truck moved, and load spread from trailer then from truck in sequence.

5.3 Aggregate is spread to an even depth in accordance with contract specifications.

**Outcome 6**

Complete post-operational procedures.

**Performance criteria**

6.1 Vehicle is parked, shut down safely, and secured, and daily maintenance is carried out.

6.2 Vehicle is inspected, and any faults are reported.

<b>Planned review date</b>	31 December 2026
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	10 October 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

<b>Consent and Moderation Requirements (CMR) reference</b>	0101
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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### Comments on this unit standard

Please contact Connexis - Infrastructure Industry Training Organisation [qualifications@connexis.org.nz](mailto:qualifications@connexis.org.nz) if you wish to suggest changes to the content of this unit standard.