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| Title | Operate a live bottom trailer on an infrastructure worksite | | |
| Level | 3 | Credits | 20 |

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| Purpose | People credited with this unit standard are able to: describe live bottom trailers; prepare a live bottom trailer for on-site operations; manoeuvre and control a live bottom trailer on-site; and complete post-operational procedures for a live bottom trailer. |
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| Classification | Infrastructure Works > Generic Infrastructure Works |
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| Available grade | Achieved |
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| Prerequisites | 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 the Health and Safety at Work Act 2015.
- 3 Definitions
Attachments refer to diffuser, chip spreader, side chute, spreader box, rear conveyor, extendable side conveyor, water tank sprayer.
Industry requirements may refer to but are not limited 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 and Waka Kotahi New Zealand Transport Agency specifications and guidelines.

Outcomes and performance criteria

Outcome 1

Describe live bottom trailers.

Performance criteria

- 1.1 Live bottom trailers and their attachments and controls are described in terms of purpose and function, and correct operation.
- 1.2 Types and weights of live bottom trailer are described in terms of their capabilities and limitations, and suitability for challenging locations.
- Range challenging locations include – under trees, power lines, low structures, indoors and off-level sites.
- 1.3 Live bottom trailers are described in terms of their safety features and requirements for safe use.

Outcome 2

Prepare a live bottom trailer for on-site operations.

Performance criteria

- 2.1 Job instructions are confirmed.
- 2.2 Pre-start check and 360 walkaround of live bottom trailer is carried out prior to starting work and any required action is taken in terms of safe operation.
- Range operation, damage, wear and tear, track adjustment.
- 2.3 A risk assessment of site and live bottom trailer is carried out, and any identified hazards are eliminated or minimised.
- 2.4 Site communication protocols are confirmed.

Outcome 3

Manoeuvre and control a live bottom trailer on-site.

Performance criteria

- 3.1 Live bottom trailer is manoeuvred on-site with adequate clearances in accordance with job instructions.
- 3.2 Live bottom trailer control levers are used to produce smooth movement.
- 3.3 Machine production is maintained at maximum usage where possible and relative to the task and the safety of the operator.
- 3.4 When manoeuvring live bottom trailer structures are preserved.
- 3.5 Materials are carried in safe load position during operation and operator shows awareness of the operating environment including when reversing.
- 3.6 Load is discharged.

Outcome 4

Complete post-operational procedures for a live bottom trailer.

Performance criteria

- 4.1 Live bottom trailer is parked, shut down safely and secured, and daily maintenance is carried out as required by the operator.
- 4.2 Live bottom trailer is inspected, and any faults are reported.

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| Planned review date | 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 | 29 July 2021 | N/A |

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| Consent and Moderation Requirements (CMR) reference | 0101 |
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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 Connexis - Infrastructure Industry Training Organisation qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.