

Title	Operate a truck mounted sideloader		
Level	3	Credits	6

Purpose	People credited with this unit standard are able to: check a truck mounted sideloader; ensure site safety; load a container from the ground onto a sideloader vehicle; unload a container from a sideloader vehicle onto the ground; and transfer a container from one vehicle to another.
----------------	--

Classification	Commercial Road Transport > Goods Service
-----------------------	---

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

Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable industry best practice, manufacturer's specifications and equipment guidelines, company requirements and legislative requirements. This includes the knowledge and use of personal protective equipment and suitable tools and equipment.
- 2 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the current version of the Health and Safety at Work Act 2015; Land Transport Act 1998; Land Transport Rule 31002 – Heavy Vehicles 2004; The Official New Zealand Truck Loading Code (2014); *NZ Intermodal Transport Safety Group Code of Practice Sideloader – Safe Maintenance and Operation* available from * ; *KiwiRail Freight Handling Code* available from www.kiwirail.co.nz; and any subsequent amendments and replacements.
- 3 Definitions
industry best practice means an industry accepted method of achieving a high standard of outcome that meets industry needs and represents value for money;
Company requirements refer to instructions to staff on policy and procedures that are available in the workplace. These requirements may include – company policies and procedures, work instructions, product quality specifications and legislative requirements;
Platform means any of motor vehicle, trailer, or railwagon;
Specialist lifting equipment may include container joiners;
Truck mounted sideloader and *sideloader* refer to standard truck mounted lifters designed for side loading of containers and flat-racks and include tanktainers inclusive of all configurations.
- 4 Practical assessment against this unit standard requires the operator to lift a load that is at least 50 percent of the safe working load of the sideloader; inclusive of all configurations.

Outcomes and performance criteria

Outcome 1

Describe truck mounted sideloader operations.

Performance criteria

1.1 Load lifting capacity for sideloader, in terms of maximum rates capacity, is described.

Range load lift charts, SRT, vehicle stability.

1.2 Sideloader configuration and loading ability are described relative to capability to cart containers on-road.

1.3 The driver safe zone is described.

1.4 The use of documentation relevant to operating a sideloader is described.

Range may include – carters note, customer delivery order, dangerous goods declaration.

1.5 Preparations to operate a sideloader are described.

Range pre-drive sideloader vehicle safety check may include – visible vehicle damage, evidence of lifting chain and lug certification, safety lockout systems, safety signage, e-stop button, consumables; diesel, coolant, hydraulic fluid;
site safety check may include – on-site requirements, traffic management plans, safety signage, communication with other personnel onsite, site inductions, overhead obstructions; powerlines; environmental conditions check may include – ground conditions; nature of the surface, ground load-bearing strength, slope; weather; wind strength and direction; proximity of other containers or obstructions.

1.6 The effects and limitations on lift capacity of arm and leg outreach are described.

1.7 Loading, unloading and transferring procedures for a sideloader and container are described.

Range loading a container from the ground onto a sideloader vehicle, unloading a container from a sideloader vehicle onto the ground, transferring a container from a sideloader vehicle to a receiving vehicle.

Outcome 2

Check a truck mounted sideloader.

Performance criteria

- 2.1 Load lifting capacity for the sideloader is identified in terms of the maximum rated capacity.
- 2.2 The sideloader, lifting assemblies and specialist lifting equipment are checked for serviceability, suitability for the task and readiness for operation.

Outcome 3

Ensure site safety.

Performance criteria

- 3.1 Checks are conducted to establish environment conditions.

Range may include – ground conditions; nature of the surface, ground load-bearing strength, slope; weather; wind strength and direction; proximity of other containers or obstructions.
- 3.2 Site safety is managed.

Range may include – on-site requirements, traffic management plans, safety signage, communication with other personnel onsite, site inductions, overhead obstructions; powerlines.

Outcome 4

Load a container from the ground onto a sideloader vehicle.

Performance criteria

- 4.1 The container weight is checked to ensure it is within the specified maximum lifting capacity of the sideloader vehicle.
- 4.2 The sideloader is positioned safely and made ready for lifting, including full deployment of stabiliser legs.
- 4.3 Lifting equipment is attached to the container, checked, and adjusted if required.
- 4.4 The container is lifted, placed onto the sideloader twist locks and secured.
- 4.5 The lifting equipment is removed from the container and the sideloader vehicle is made ready for on-road travel.

Outcome 5

Unload a container from a sideloader vehicle onto the ground.

Performance criteria

- 5.1 The container weight is checked to ensure it is within the specified maximum lifting capacity of the sideloader vehicle.
- 5.2 The sideloader is positioned safely, and made ready for lifting, including full deployment of stabiliser legs.
- 5.3 Sideloader twist locks are unlocked and lifting equipment is attached to the container, checked, and adjusted if required.
- 5.4 The container is lifted and placed on the ground safely.
- 5.5 The lifting equipment is removed from the container and the sideloader vehicle is made ready for on-road travel.

Outcome 6

Transfer a container from one vehicle to another.

Range vehicle may be a road vehicle and/or a rail vehicle.

Performance criteria

- 6.1 A check ensures the receiving vehicle is positioned safely, the vehicle and container are compatible and that the receiving vehicle's load capacity is adequate for the intended load.
- 6.2 The sideloader is positioned safely and meets the intended transfer requirements.
- 6.3 The sideloader is made ready for lifting.
- 6.4 Sideloader twist locks are unlocked and lifting equipment is attached to the container, checked, and adjusted if required.
- 6.5 The container is transferred to the receiving vehicle.
- 6.6 The lifting equipment is removed from the container and the sideloader vehicle made ready for on-road travel.

Planned review date	31 December 2025
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1		31 December 2024
	2		31 December 2024
Review	3		N/A

Consent and Moderation Requirements (CMR) reference	0014
--	------

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

Comments on this unit standard

Please contact MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.

DRAFT