
GOODS SERVICE
Operate a truck mounted sidelifter

level:	3
credit:	6
planned review date:	March 2009
sub-field:	Commercial Road Transport
purpose:	People credited with this unit standard are able to: check a truck mounted sidelifter and ancillary equipment (if fitted); ensure site safety; load a container from the ground onto a sidelifter vehicle; unload a container from a sidelifter vehicle onto the ground; and transfer a container from one vehicle to another.
entry information:	Open.
accreditation option:	Evaluation of documentation and visit by NZQA and industry.
moderation option:	A centrally established and directed national moderation system has been set up by the NZ Road Transport and Logistics Industry Training Organisation.
special notes:	<ol style="list-style-type: none">1 Acts and codes to be complied with include: Land Transport Act 1998; Health and Safety in Employment Act 1992; <i>The Official New Zealand Truck Loading Code – Code of Practice for the Safety of Loads on Heavy Vehicles</i> (current edition), available from booksellers. This is expected to be replaced in 2006 by Rule 42001: Heavy-vehicle Load Security. <i>Tranz Link Freight Handling Code F002</i>, 31 July 2001.2 Any new, amended, or replacement Acts, regulations, Rules, standards, codes of practice, or Land Transport New Zealand requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.

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- 3 Definitions

Ancillary equipment refers to independently powered hydraulic equipment;

industry best practice means an industry accepted method of achieving a high standard of outcome that meets industry needs and represents value for money;

made ready for use includes the deployment of stabiliser legs in accordance with manufacturers' specifications and organisational requirements;

organisational requirements include any legal requirements, standards, codes of practice, organisational and/or site policies and procedures, industry best practice and manufacturers' instructions. These should be available to candidates, providers, and assessors;

platform means any of motor vehicle, trailer, or railwagon;

the *Rail Freight Handling Code* is the *Tranz Link Freight Handling Code F002*, 31 July 2001;

the *Truck Loading Code* is *The Official New Zealand Truck Loading Code – Code of Practice for the Safety of Loads on Heavy Vehicles*;

truck mounted sidelifter and *sidelifter* refer to standard truck mounted lifters designed for side loading of containers and flat-racks and include swing-throughs.
- 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 sidelifter.
- 5 Where manufacturers' specifications, instructions, or manuals are not available, all actions must be carried out in accordance with the organisational requirements.

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Elements and Performance Criteria

element 1

Check a truck mounted sidelifter and ancillary equipment (if fitted).

performance criteria

- 1.1 Load lifting capacity for sidelifter and ancillary equipment (if fitted) is identified in terms of the maximum rated capacity.
- 1.2 The sidelifter, lifting assemblies, specialist lifting equipment, and ancillary equipment (if fitted) are checked for serviceability and suitability for the task and readiness for operation.

Range: specialist lifting equipment may include but is not limited to –
spreader bars, container locks.

element 2

Ensure site safety.

performance criteria

- 2.1 Checks are conducted to establish ground conditions.
- 2.2 Site safety is managed in accordance with organisational requirements.

element 3

Load a container from the ground onto a sidelifter vehicle.

performance criteria

- 3.1 The container weight is checked to ensure it is within the specified maximum lifting capacity of the sidelifter vehicle.
- 3.2 The sidelifter is positioned, the lifter engine is started or power take off engaged, and sidelifter readiness for lift, including deployment of stabiliser legs, is completed in accordance with manufacturers' specifications and/or organisational requirements.

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- 3.3 Lifting equipment is attached to the container, checked, and adjusted if required, in accordance with manufacturers' specifications and/or organisational requirements.
- 3.4 The container is lifted and placed onto the sidelifter twist locks in accordance with organisational requirements.
- 3.5 The loaded container is secured in accordance with the requirements of the Code.
- 3.6 The lifting equipment is removed from the container and the sidelifter vehicle is made ready for on-road travel in accordance with manufacturers' specifications and organisational requirements.

element 4

Unload a container from a sidelifter vehicle onto the ground.

performance criteria

- 4.1 The container weight is checked to ensure it is within the specified maximum lifting capacity of the sidelifter vehicle.
- 4.2 The sidelifter is positioned, the lifter engine is started or power take off engaged, and sidelifter readiness for lift, including deployment of stabiliser legs, is completed in accordance with manufacturers' specifications and/or organisational requirements.
- 4.3 Load securing devices are unlocked or removed and lifting equipment is attached to the container, checked, and adjusted if required, in accordance with manufacturers' specifications and/or organisational requirements.
- 4.4 The container is lifted and placed on the ground, in accordance with organisational requirements, allowing access to the container doors and surroundings.
- 4.5 The lifting equipment is removed from the container and the sidelifter vehicle is made ready for on-road travel in accordance with manufacturers' specifications and the organisational requirements.

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element 5

Transfer a container from one vehicle to another.

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

performance criteria

- 5.1 A check ensures the receiving vehicle and container are compatible and that the receiving vehicle's load capacity is adequate for the intended load.
- 5.2 Positioning of all vehicles meets intended transfer requirements.
- 5.3 The lifter engine is started or power take off engaged, and sidelifter made ready for use.
- 5.4 Load securing devices are unlocked or removed and lifting equipment is attached to the container, checked, and adjusted if required, in accordance with manufacturers' specifications and/or organisational requirements.
- 5.5 The container is transferred to the receiving vehicle in accordance with organisational requirements.
- 5.6 The lifting equipment is removed from the container and the sidelifter vehicle made ready for on-road travel in accordance with manufacturers' specifications and organisational requirements.
- 5.7 The loaded container is secured in accordance with the requirements of the Truck Loading Code or the Rail Freight Handling Code, whichever is applicable.

Comments on this unit standard

Please contact the NZ Road Transport and Logistics Industry Training Organisation office@roadtrain.org.nz if you wish to suggest changes to the content of this unit standard.

Please Note

Providers must be accredited by the Qualifications Authority or a delegated inter-institutional body before they can register credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by the Qualifications Authority before they can register credits from assessment against unit standards.

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Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for providers wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

This unit standard is covered by AMAP 0092 which can be accessed at <http://www.nzqa.govt.nz/site/framework/search.html>.