Operate a front end loader vehicle for transportation of waste

Level 3
Credits 8

Purpose
People credited with this unit standard are able to: attend to specific care and safety requirements; load and compact waste from front end loader containers into a front end loader vehicle; and unload waste from a front end loader vehicle and complete the relevant documentation.

Subfield
Commercial Road Transport

Domain
Transportation of Waste and Recoverable Resources

Status
Registered

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Entry information
Drivers must hold a class of licence and/or endorsement appropriate to the weight and configuration of the vehicle being driven.

Prerequisite: Unit 17593, Apply safe work practices in the workplace, or demonstrate equivalent knowledge and skills.

Accreditation
Evaluation of documentation and visit by NZQA and industry.

Standard setting body (SSB)
NZ Motor Industry Training Organisation (Incorporated)

Accreditation and Moderation Action Plan (AMAP) reference 0092

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

Special notes

1 The legal requirements to be complied with include:
Health and Safety in Employment Act 1992;
Health and Safety in Employment Regulations 1995;
Land Transport Act 1998;
Land Transport (Driver Licensing) Rule 1999 (Rule 91001);
Land Transport Rule: Vehicle Repair 1998 (Rule 34001);
Land Transport Rule: Vehicle Standards Compliance 2002;
Local authority regulations and by-laws;
Resource Management Act 1991;

2 Any new, amended, or replacement Acts, regulations, Rules, standards, codes of practice, Land Transport New Zealand or Transit New Zealand requirements or conditions affecting the outcome of this unit standard will take precedence for assessment purposes, pending review of this unit standard.

3 References
The Official New Zealand Road Code applicable to the vehicle being driven (current edition), available from booksellers.

4 Definitions
A front end loader vehicle is a heavy rigid motor vehicle to which is mounted a compaction type body. The vehicle consists of a compacting body which houses a hydraulically operated packer assembly used to compress the waste, a lid on the top of the body at the front which opens to allow the waste to be deposited inside, a tail door which is used to empty the whole body of waste, two large arms holding a twin fork assembly, and an hydraulically operated ejector blade that pushes waste out the tail door when emptying the body. Lockout is a state in which energy in the system from all sources, including electrical and hydraulic, is reduced to zero. Organisational requirements include any legal requirements, standards, codes of practice, operational and/or site requirements, industry best practice, and manufacturers’ instructions. These must be available to candidates, providers, and assessors.

5 While every assessment situation may not provide opportunity for evidence of every performance criterion, evidence may be obtained over a period of time on the job, over several assessment opportunities, or through other means such as attestation and the use of questioning.

**Elements and performance criteria**

**Element 1**

Attend to specific care and safety requirements.

**Performance criteria**

1.1 Cleaning and non-technical maintenance of the vehicle are in accordance with organisational requirements.

Range daily, periodical, lockout procedure included where required.
1.2 Use and storage of safety items are in accordance with organisational requirements.

Range includes but is not limited to – gloves, helmet, footwear, high visibility vest, first aid kit, broom and shovel, and, where provided on the vehicle, fire extinguisher, spill kit.

1.3 Procedure for handling or non-handling of visible hazardous materials from front end loader containers is demonstrated in accordance with organisational requirements.

1.4 Procedure for clearing blockages from the hopper is in accordance with organisational requirements.

Range lockout, climbing on and off the vehicle, problem identification, solving the problem.

Element 2

Load and compact waste from front end loader containers into a front end loader vehicle.

Performance criteria

2.1 Potential hazards are identified and avoided, power take off is engaged, and lifting forks are positioned to allow lifting, emptying, and lowering of the container.

Range potential hazards include but are not limited to – overhead, door clearance, vehicle and bin position, other people.

2.2 Vehicle is positioned, forks engaged with the container, doors opened and closed, and container lifted, emptied, and replaced whilst stationary in accordance with organisational requirements.

2.3 Waste is compacted within the body of the vehicle in accordance with organisational requirements.

2.4 Vehicle is reversed in accordance with organisational requirements.

Range includes the use of audible and visual warning devices.

2.5 Power take off is disengaged in accordance with organisational requirements.

2.6 Any loose waste on the vehicle is cleared prior to moving on, in accordance with organisational requirements.
Element 3

Unload waste from a front end loader vehicle and complete the relevant documentation.

Performance criteria

3.1 Vehicle is positioned on level, stable ground to ensure vehicle safety and stability for unloading.

3.2 Power take off is engaged and tail door is opened in accordance with organisational requirements.

3.3 Load is discharged using ejector blade or underbody hoist, and power take off is disengaged, in accordance with organisational requirements.

3.4 Vehicle is moved forward, during and after discharge of load, and tail door is closed, in accordance with organisational requirements.

3.5 Documentation for disposal of waste is completed in accordance with organisational requirements.

Please note

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

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

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 organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the NZ Motor Industry Training Organisation (Incorporated) info@mito.org.nz if you wish to suggest changes to the content of this unit standard.