Title | Load a logging truck and/or trailer
---|---
Level | 4 Credits | 15

**Purpose**
This unit standard is intended for people employed in a loading or fleeting role in a forestry operation.

People credited with this unit standard are able to: prepare for loading logs; and load a logging truck and/or trailer.

**Classification**
Forestry > Machine Operations - Forestry

**Available grade**
Achieved

**Entry information**

**Critical health and safety prerequisites**
Unit 6926, *Demonstrate knowledge of the log loading process.*

One of – Unit 6928, *Operate a Bell machine in a forest or a log yard*; Unit 6930, *Operate a forked loader in a forest or log yard*; Unit 6935, *Operate an excavator based tracked machine in a forestry situation*; Unit 6946, *Operate a forwarder in a forest harvesting operation*; or demonstrate equivalent knowledge and skills.

**Explanatory notes**

1. This unit standard must be assessed against on-job.

2. **Definitions**
   
   *Accepted forestry industry practice* refers to documented codes of practice and standardised procedures accepted by the wider forestry industry as examples of best practice.

   *Job prescription* refers to any written instructions for the operation and may include maps, harvest plans or cut plans.

   *PPE* refers to personal protective equipment and may include but is not limited to high-viz, protective clothing, gloves, face and eye protection, safety helmet, footwear, hearing protection, and safety devices.

   *Worksite procedures* refer to documented procedures used by the organisation carrying out the work and applicable to the tasks being carried out. They may include but are not limited to – standard operating procedures, site safety procedures, equipment operating procedures, quality assurance procedures, housekeeping standards, procedures to comply with legislative and local body requirements.
Outcomes and evidence requirements

Outcome 1

Prepare for loading logs.

Evidence requirements

1.1 PPE is worn in accordance with accepted forestry industry practice.

1.2 Hazards associated with preparing for log loading are identified, and a method of control for each is explained in accordance with accepted forestry industry practice.

Range ground conditions, debris, excessive speed, machine suitability, other workers, restricted visibility.

1.3 The reason for on-going hazard identification is explained in accordance with accepted forestry industry practice.

1.4 Factors that may change hazards or introduce new hazards are described in accordance with accepted forestry industry practice.

Range weather, change of location, change in landing lay out.

1.5 Loader capability is described in accordance with the manufacturer’s recommendations.

Range logs, trailers.

1.6 Safe areas are identified clear of any work activity for chainsaw maintenance and refuelling, parking of workers’ transport, and rest facilities, in accordance with accepted forestry industry practice.

1.7 Job prescription and customer requirements relating to grades, specifications, and marking are explained in accordance with accepted forestry industry practice.

1.8 Logs are identified by grade, specification, and marking in accordance with load sheet or cut plan.

1.9 Requirements for loading are explained in accordance with accepted forestry industry practice.

Range loader operator and truck driver responsibilities, trailer lifting, safe area, loading zone, load placement.

1.10 Reasons for communication between loader driver and dispatch are explained in accordance with accepted forestry industry practice.

Range truck planning, stock reporting, loader availability.
Outcome 2

Load a logging truck and/or trailer.

Evidence requirements

2.1 Trailer is unloaded and positioned to meet operational and legal requirements in accordance with accepted forestry industry practice.

2.2 Truck and/or trailer are positioned in accordance with worksite policies and procedures in accordance with accepted forestry industry practice.

2.3 Loading is commenced only when the loading zone is clear and safe and the truck driver is clear, in accordance with accepted forestry industry practice and worksite procedures.

2.4 Logs are moved safely within operating capability of loader.

Range clear path of travel, swing and movement of suspended logs, logs evenly balanced, turning radius when carrying logs, proximity of other workers and machinery, designated safety zones.

2.5 Loader is positioned for effective uplift and log placement.

Range stability of machine, positioning of grapple or forks.

2.6 Out of specification logs are placed aside for further processing, or re-sorted in accordance with worksite procedures.

2.7 Log stocks are managed with regard to stock rotation and customer requirements in accordance with worksite procedures.

2.8 Truck and/or trailer are loaded in accordance with accepted forestry industry practice.

Range height, crowning, weight, static roll over threshold (SRT), short logs, full length logs, even distribution.

2.9 Loader, truck, trailer, and logs are not damaged in the loading process.

2.10 Communication is maintained with landing workers and truck driver in accordance with accepted forestry industry practice.

2.11 Load delivery dockets are completed in accordance with legal and forest owner requirements.

2.12 Log marks meet job prescription and customer requirements.
Planned review date | 31 December 2020

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Consent and Moderation Requirements (CMR) reference 0173


Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR 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 Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.