

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.

Subfield Forestry

Domain Machine Operations - Forestry

Status Registered

Status date 22 May 2008

Date version published 22 May 2008

Planned review date 31 December 2013

Entry information Prerequisites: one of – Unit 6927, *Operate a vehicle mounted hydraulic loader in a commercial forestry environment*; Unit 6928, *Operate a Bell loader in a forestry or log yard situation*; Unit 6930, *Operate a forked loader in a forestry or log yard situation*; Unit 6935, *Operate an excavator based tracked machine in a forestry situation*; Unit 6946, *Operate a forwarder*, or demonstrate equivalent knowledge and skills.

Accreditation Evaluation of documentation and visit by NZQA and industry.

Standard setting body (SSB) Forest Industries Training and Education Council (FITEC)

Accreditation and Moderation Action Plan (AMAP) reference 0173

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

Special notes

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

- 2 *Best Practice Guide* refers to the *Best Practice Guidelines for Transport* published by FITEC and any subsequent amendments. Available from FITEC at <http://www.fitec.org.nz>, or FITEC, PO Box 137067, Parnell, Auckland.
- 3 *Approved Code of Practice* refers to the *Approved Code of Practice for Safety and Health in Forest Operations* published by the Occupational Safety and Health Service, (Wellington: Department of Labour, 1999) and any subsequent amendments. Available at <http://www.osh.dol.govt.nz/order/catalogue/301.shtml>.
- 4 Definitions
Worksite policy and procedures includes instructions to staff on policy and procedures (including the application of legislation to worksite situations) which are formally or informally documented. Examples are standard operating procedures, codes of practice, specifications, and worksite signage.
PPE refers to personal protective equipment and may include but is not limited to protective clothing, gloves, safety glasses, headwear, footwear, hearing protection, and safety devices.

Elements and performance criteria

Element 1

Prepare for loading logs.

Performance criteria

- 1.1 PPE is worn in accordance with the Approved Code of Practice.
- 1.2 Hazards associated with log loading are identified and ways to manage these explained in terms of operational requirements and the Approved Code of Practice.

Range ground conditions, debris, excessive speed, machine suitability, other workers, restricted visibility.
- 1.3 Loader capability is described in accordance with manufacturer's recommendations.

Range logs, trailers.
- 1.4 Safe areas are identified clear of any work activity for chainsaw maintenance and refuelling, parking of workers' transport, and rest facilities, in accordance with the Approved Code of Practice.
- 1.5 Job prescription and customer requirements relating to grades, specifications, and marking are explained.
- 1.6 Logs are identified by grade, specification, and marking in accordance with load sheet.

- 1.7 Requirements for loading are explained in accordance with the Approved Code of Practice.
Range part 3, section 19, topics 4 and 5.

- 1.8 Means of communication with log dispatch is explained.

Element 2

Load a logging truck and/or trailer.

Performance criteria

- 2.1 Hazards associated with loading a logging truck and trailer are identified and managed in accordance with the Approved Code of Practice and the Best Practice Guide.
- 2.2 Trailer is unloaded and positioned to meet operational and legal requirements.
- 2.3 Truck and/or trailer are positioned in accordance with operational requirements.
- 2.4 Loading is commenced only when the loading zone is clear and safe and the truck driver is clear, in accordance with the Approved Code of Practice and worksite policy and procedures.
- 2.5 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.
- 2.6 Loader is positioned for effective uplift and log placement.
Range stability of machine, positioning of grapple or forks.
- 2.7 Out of specification logs are placed aside for further processing, or re-sorted, as in accordance with operational requirements.
- 2.8 Log stocks are managed with regard to stock rotation and customer requirements.
- 2.9 Truck and/or trailer are loaded in accordance with the Best Practice Guide, the Approved Code of Practice, and legal requirements.
Range height, crowning, weight, static roll over threshold (SRT), short logs, full length logs, even distribution.
- 2.10 Loader, truck, trailer, and logs are not damaged in the loading process.
- 2.11 Communication is maintained with landing workers and truck driver in accordance with the Best Practice Guide.

- 2.12 Load delivery docket are completed in accordance with legal and forest owner requirements.
- 2.13 Log marks meet job prescription and customer 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 Forest Industries Training and Education Council (FITEC) info@fitec.org.nz if you wish to suggest changes to the content of this unit standard.