Title Fleet, sort, and stack logs

Level 4

Credits 15

Purpose People credited with this unit standard are able to: prepare for fleeting, sorting, and stacking logs; and fleet, sort, and stack logs.

Classification Forestry > Machine Operations - Forestry

Available grade Achieved

Entry information

Critical health and safety prerequisites One of – Unit 6928, Operate a Bell machine in a forest or 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; or demonstrate equivalent knowledge and skills.

Explanatory notes

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

2 Definition

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

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 fleeting, sorting, and stacking logs.

Evidence requirements

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

1.2 Machine capability is described in relation to sizes of logs to be handled in accordance with manufacturer’s recommendations.

1.3 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.

1.4 Job prescription and customer requirements relating to grades, specifications, and marking are explained.

Outcome 2

Fleet, sort, and stack logs.

Evidence requirements

2.1 Hazards associated with fleeting, sorting, and stacking logs are identified and managed in accordance with accepted forestry industry practice.

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

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

Range weather, change of landing layout, change of location.

2.4 Log sorts are identified and stacks located in accordance with operational requirements.

Range clear of other operations, room to manoeuvre, load out area, access to predominant grades, safety.

2.5 Log stacks are built by grade in accordance with log specifications, cutting instructions, and operational requirements.

Range logs are placed evenly, stacks are stable and regular, log age.

2.6 Logs are moved safely within the operating capability of machine.
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.

2.7 Damage to logs is minimised in accordance with accepted forestry industry practice and worksite procedures.

2.8 Machine is positioned for effective uplift and log placement.

Range stability of machine, positioning of grapple or forks.

2.9 Out of specification logs are left for further processing or re-sorted as required by worksite procedures.

2.10 Communication is maintained with other workers in accordance with accepted forestry industry practice.

2.11 Fleeting and sorting area is maintained free of debris to suit operational requirements.

| Planned review date | 31 December 2020 |

| Status information and last date for assessment for superseded versions |
|------------------------|------------------|
| **Process** | **Version** | **Date** | **Last Date for Assessment** |
| Registration | 1 | 8 November 1996 | 31 December 2012 |
| Revision | 2 | 19 June 1998 | 31 December 2012 |
| Review | 3 | 5 December 2000 | 31 December 2012 |
| Review | 4 | 22 May 2008 | 31 December 2016 |
| Review | 5 | 19 March 2015 | N/A |

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.