

Delimb stems using a static delimber

Level 4

Credits 8

Purpose People credited with this unit standard are able to: demonstrate knowledge of planning requirements for static delimiting; demonstrate knowledge of static delimber machine features and maintenance; delimit tree lengths; and carry out general static delimber operator responsibilities.

Subfield Forestry

Domain Forest Mechanised Harvesting

Status Registered

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Entry information Open.

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 Mechanised Harvesting and Processing* 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

Demonstrate knowledge of planning requirements for static delimiting.

Performance criteria

- 1.1 Hazards are described and ways to manage these explained in accordance with the Approved Code of Practice.
- Range unsafe zones around the delimiting machine, tree movement, flying debris, movement of machine, proximity of other workers and machines, machine instability, overloading.
- 1.2 Machine capability is described in accordance with manufacturer's recommendations.
- Range tree diameters, weight, branch size, stem feed.
- 1.3 Anchoring requirements of a delimiting machine are explained.
- 1.4 Planning requirements for work area or landing are explained in accordance with worksite policy and procedures and Best Practice Guide.
- 1.5 Job prescription requirements relevant to operation of the static delimiting machine are explained.

Element 2

Demonstrate knowledge of static delimiting machine components and machine maintenance.

Performance criteria

- 2.1 Components of the delimiting machine are identified and their function explained.
- Range hydraulics, knives, drive roller, anchors.

2.2 Maintenance requirements for static delimiting equipment are described in accordance with manufacturer's recommendations.

Range includes but is not limited to – frequency of checks, fault finding, daily and periodic maintenance, maintenance of hydraulic systems, sharpening.

Element 3

Delimit tree lengths.

Performance criteria

3.1 Operating procedure for the static delimiting equipment is described in accordance with manufacturer's recommendations and operational requirements.

3.2 PPE is worn in accordance with the Approved Code of Practice.

3.3 Hazards are identified and managed in accordance with the Approved Code of Practice and the Best Practice Guide.

3.4 Delimiting equipment is anchored to meet operational requirements and the Best Practice Guide.

Range location, safety, stability.

3.5 Stems are selected, placed and fed through the static delimiting equipment in accordance with manufacturer's recommendations.

3.6 Delimiting equipment is controlled in accordance with manufacturer's recommendations.

3.7 Stems are delimiting to job prescription requirements.

3.8 Stems outside capabilities of machine are identified for alternative processing in accordance with worksite policy and procedures.

3.9 Delimited stems and logs are placed for removal, stacked, or presented in accordance with machine capabilities and worksite policy and procedures.

3.10 Communication is maintained between worksite personnel in accordance with the Best Practice Guide.

Range audio, visual.

Element 4

Carry out general static delimiting operator responsibilities.

Performance criteria

4.1 Debris clearance is organised to meet operational requirements.

- 4.2 Manual delimiting of tree lengths outside capabilities of the machine is organised in accordance with worksite policy and procedures.
- 4.3 Quality requirements of the job prescription are met.
- Range includes but is not limited to – stem damage, branch, stubs, manual follow-up organised, environmental.
- 4.4 Daily maintenance is carried out on machine and equipment in accordance with manufacturer's recommendations.

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.