

<b>Title</b>	<b>Plant plantation trees</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	<p>This unit standard is intended for people employed in an establishment role in a commercial forestry operation.</p> <p>People credited with this unit standard are able to: prepare for planting, and plant plantation trees.</p>
----------------	--

<b>Classification</b>	Forestry > Forest Establishment
-----------------------	---------------------------------

<b>Available grade</b>	Achieved
------------------------	----------

---

### Guidance Information

- 1 Legislation relevant to this unit standard includes the Health and Safety at Work (HSW) Act 2015; the Resource Management (National Environmental Standards for Plantation Forestry) Amendment Regulations 2018; and any subsequent amendments.
- 2 References  
*Approved Code of Practice (ACOP) for Safety and Health in Forestry Operations*, December 2012, available from <https://worksafe.govt.nz/>.  
 New Zealand Forest Owners Association, *Forest Practice Guides* (2019), and any subsequent amendments, available from <https://www.nzfoa.org.nz>.
- 3 Definitions  
*Accepted industry practice* – approved 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* – personal protective equipment as required for the task in accordance with accepted industry practice and worksite procedures. This may include but is not limited to high-visibility clothing, protective clothing, gloves, face and eye protection, safety helmet, approved footwear, chaps, 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 performance criteria

### Outcome 1

Prepare for planting plantation trees.

#### Performance criteria

- 1.1 Work plan is interpreted and explained in terms of natural features, boundaries, and access according to the job prescription and worksite procedures.
- 1.2 Common workflow issues and their resolution are described in accordance with the job prescription and worksite procedures.
- Range access, work rate, work technique, work organisation.
- 1.3 The emergency response procedures are identified and described in accordance with worksite procedures.
- 1.4 Environmental requirements for the job are identified and described in accordance with the job prescription and worksite procedures.
- 1.5 Items of equipment required to meet the job prescription are maintained in accordance with manufacturer's recommendations.
- 1.6 PPE is maintained and worn in accordance with accepted industry practice and worksite procedures.
- 1.7 The risks specific to the planting operation are assessed and controlled in accordance with accepted industry practice.
- 1.8 Tree stock health is maintained during storage, handling, transport and delivery in accordance with the job prescription and accepted industry practice.
- Range tree-handling techniques, stacking techniques, site storage techniques.

### Outcome 2

Plant plantation trees.

Range planting must be carried out in accordance with the job prescription and worksite procedures

#### Performance criteria

- 2.1 Site for each tree is assessed and selected for spacing, stocking, and conditions for growth.

- 2.2 Planting holes are prepared with spade.  
Range depth, width, cultivation, placement.
- 2.3 Unsuitable, damaged, and inferior planting stock is identified and discarded.
- 2.4 Trees are handled in a way that minimises damage.
- 2.5 Trees are planted to job prescription.
- 2.6 Stocking requirements of job prescription are achieved.
- 2.7 Quality control processes used to ensure planting quality, correct spacing, and trees per hectare are described.
- 2.8 Spacing of trees to achieve optimal stocking on flat land and on slopes is explained.
- 2.9 Other crew members are communicated with to ensure planting outcomes are met.
- 2.10 Own planting work is assessed as work progresses to ensure output meets production and quality requirements.

<b>Planned review date</b>	31 December 2028
----------------------------	------------------

#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 January 1995	31 December 2012
Review	2	8 November 1996	31 December 2012
Revision	3	19 June 1998	31 December 2012
Review	4	5 December 2000	31 December 2012
Review	5	22 May 2008	31 December 2012
Revision	6	16 July 2010	31 December 2013
Revision	7	15 September 2011	31 December 2017
Review	8	10 December 2015	N/A
Review	9	23 April 2020	N/A
Rollover	10	26 April 2024	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0173
--	------

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

---

**Comments on this unit standard**

Please contact Muka Tangata - People, Food and Fibre Workforce Development Council [qualifications@mukatangata.nz](mailto:qualifications@mukatangata.nz) if you wish to suggest changes to the content of this unit standard.