

<b>Title</b>	<b>Plan and manage complex tree work</b>		
<b>Level</b>	<b>5</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	People credited with this unit standard are able to: assess tree work required; develop a plan and quote for completion of the required work; and manage completion of the work.
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<b>Classification</b>	Horticulture > Arboriculture
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<b>Available grade</b>	Achieved
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## Guidance Information

- 1 Legislation and references relevant to this standard include but are not limited to:
  - Health and Safety at Work Act 2015;
  - Resource Management Act 1991;
  - BS 3998:2010, *Tree work. Recommendations*, available from [www.britishstandard.org.uk](http://www.britishstandard.org.uk);
  - ANSI A300, *Standards for Tree Care Operations* (Parts 1 – 7) and their subsequent amendments, available from [www.isa-arbor.com](http://www.isa-arbor.com);
  - WorkSafe New Zealand, *Approved Code of Practice Safety and Health in Arboriculture* (2012), available from [www.worksafe.govt.nz/worksafe](http://www.worksafe.govt.nz/worksafe);
  - WorkSafe New Zealand, *Approved Code of Practice for Safety and Health in Tree Work Part 2: Maintenance of trees around power lines* (2017), available from [www.worksafe.govt.nz/worksafe](http://www.worksafe.govt.nz/worksafe);
  - WorkSafe New Zealand, *Best Practice Guidelines – Mobile Elevating Work Platforms* (2014), available from [www.worksafe.govt.nz/worksafe](http://www.worksafe.govt.nz/worksafe);
  - New Zealand Transport Agency (NZTA), *Code of Practice for Temporary Traffic Management (COPTTM): Part 8 of the Traffic Control Devices Manual (TCD Manual)* (2012), available from [www.nzta.govt.nz](http://www.nzta.govt.nz);
  - New Zealand Arboricultural Association Inc. (NZ Arb), *Best Practice Guide (BPG) for Safety Requirements in New Zealand Arboricultural Operations* (2017), available from [www.nzarb.org.nz](http://www.nzarb.org.nz); and any subsequent amendments.
  
- 2 Definitions
 

*Complex tree work* is that which requires: diagnosis of work to be completed; advanced level climbing and roping skills; and uses heavy lifting and transporting equipment.

*Workplace procedures* refer to the policies and procedures on safety and operation set down by the employer or organisation. Workplace procedures should reflect industry best practice, the BPG, equipment manufacturers' requirements, and current legislation.

- 3 For the purposes of assessment evidence must be presented in accordance with workplace procedures.

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## Outcomes and performance criteria

### Outcome 1

Assess tree work required.

#### Performance criteria

- 1.1 Examine the tree and determine its current condition.
- Range includes but is not limited to – tree health, stability, structural soundness, internal decay.
- 1.2 Identify and document work required to enable a work specification to be developed.

### Outcome 2

Develop a plan and quote for completion of the required work.

#### Performance criteria

- 2.1 Plan outcomes of work to be done in sequence in accordance with work specification.
- 2.2 Arrange resources for the work to be completed.
- Range may include but is not limited to – permits, labour, lifting and transport equipment, climbing and roping gear, cutting equipment, stump grinders, brushwood chipper, site safety equipment; evidence of five is required.
- 2.3 Identify requirements for, and arrange provision of, specialist services.
- 2.4 Assess the site for hazards and develop a plan to manage any identified hazards.
- 2.5 Develop a quote for the required work.

### Outcome 3

Manage completion of the work.

#### Performance criteria

- 3.1 Provide instructions to workers for work to be completed and confirm their understanding of requirements and procedures.

- 3.2 Implement procedures to ensure workers conform with the Standards, Codes of Practice and workplace procedures.
- 3.3 Consult with authorities responsible for public services and safety involved in the management of the project.
- Range may include – police, utility companies, local authorities, Occupational Safety and Health Service, iwi.
- 3.4 Complete work in accordance with the specification and leave the site in a safe condition to allow other work to proceed without disruption.

<b>Planned review date</b>	31 December 2026
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	14 March 1995	31 December 2023
Review	2	23 November 1999	31 December 2023
Revision	3	13 February 2002	31 December 2023
Revision	4	24 February 2006	31 December 2023
Review	5	11 December 2009	31 December 2023
Review	6	24 June 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0032
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

#### Comments on this unit standard

Please contact the Primary ITO [standards@primaryito.ac.nz](mailto:standards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.