

Title	Use amenity tree evaluation methods and describe timber markets		
Level	4	Credits	6

Purpose	People credited with this unit standard are able to: describe the uses and importance of trees in the landscape and tree evaluation criteria; demonstrate knowledge of STEM used in New Zealand; and describe timber markets in New Zealand.
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Classification	Horticulture > Arboriculture
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Available grade	Achieved
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Guidance Information

- 1 Flock, Ron, *A Tree Evaluation Method for New Zealand* (Wellington: Royal New Zealand Institute of Horticulture, 1988).
- 2 *Standard Tree Evaluation Method* (STEM) is available from Touchwood Books or RNZIH.
- 3 It is recommended that the following be completed before or along with this unit standard: Unit 2773, *Demonstrate knowledge of amenity tree health problems*, or demonstrate equivalent knowledge and skills.

Outcomes and performance criteria

Outcome 1

Describe the uses and importance of trees in the landscape and tree evaluation criteria.

Performance criteria

- 1.1 Uses and importance of trees are described and ranked in accordance with the *Tree Evaluation Method for New Zealand* and the *Standard Tree Evaluation Method* (STEM).
- 1.2 Tree evaluation system criteria are described in terms of their different valuation methods.

Outcome 2

Demonstrate knowledge of STEM use in New Zealand.

Performance criteria

- 2.1 STEM is described and compared with at least one other internationally recognised tree evaluation method.
- 2.2 STEM is broken down into its three components and explained in terms of their application to an arboriculture situation.
- 2.3 STEM is used to carry out tree valuations.
 Range evidence is required of at least five valuations using STEM.

Outcome 3

Describe timber markets in New Zealand.

Performance criteria

- 3.1 Production timber in New Zealand is described in terms of markets and distribution.
 Range export logs, furniture, turning, veneers, chipping, sawn timber, firewood, mulch.
- 3.2 Individual logs are described in terms of potential markets and distribution.
 Range drying, storing and preparation, markets, end uses.

Replacement information	This unit standard was replaced by unit standard 32780.
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 January 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	31 December 2023

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