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.

Subfield Horticulture
Domain Arboriculture
Status Registered
Status date 11 December 2009
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Entry information Open. However, it is recommended that the following be completed before or along with this unit standard: Unit 2773, Diagnose amenity tree health problems, or demonstrate equivalent knowledge and skills.

Accreditation Evaluation of documentation and visit by NZQA, industry and teaching professional in the same field from another provider.

Standard setting body (SSB) Primary Industry Training Organisation

Accreditation and Moderation Action Plan (AMAP) reference 0032
This AMAP can be accessed at http://www.nzqa.govt.nz/framework/search/index.do.

Special notes


2 Standard Tree Evaluation Method (STEM) is available from Touchwood Books or RNZIH.
Elements and performance criteria

Element 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.

Element 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.

Element 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.
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 Primary Industry Training Organisation http://www.primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.