

ASSESSMENT GUIDELINES

Unit 21033

Revegetate indigenous plant areas

Level 4, Credit 10, version 3

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Unit standard 21033

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Level of performance required for this unit standard

This is a level 4 unit standard. At this level trainees are expected to demonstrate the following abilities when completing assessment tasks:

- To work under broad guidance, independently; with complete responsibility for the standards of the outcome achieved.
- To apply technical skills, knowledge and innovation to complete the task to the specified standard, in a variety of familiar and unfamiliar context.
- To analyse and interpret information, and make an informed judgment.

Workplace assessment:

For guidelines on Workplace Assessment, please refer to the NZHITO Workplace Assessors Manual, and for further information, please contact: NZHITO, PO Box 8638, Christchurch. Ph 03 9644 735, fax 03 9644 737, website www.hortito.org.nz

Special notes:

- 1 Indigenous plant areas may include but are not limited to – wetlands, grasslands, shrublands, coastal dunes, and forests.
- 2 Legislation relevant to this unit standard includes but is not limited to the Health and Safety in Employment Act 1992, the Hazardous Substances and New Organisms Act 1996, the Resource Management Act 1991, and their subsequent amendments.
- 3 Work may involve exposure to chemical, dangerous, or hazardous substances. Safety procedures are observed in accordance with NZS 8409:2004: *Management of Agrichemicals*, available from Standards New Zealand <http://www.standards.co.nz>
- 4 *Workplace procedures* refer to oral and written instructions to staff on procedures for the worksite and equipment.

Unit 21033: Revegetate indigenous plant areas (Apprentice copy)

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Examine indigenous plant communities	Yes/No	<ul style="list-style-type: none"> • Examine a plant community in terms of plant associations and the main plant species present. This may include but is not limited to – emergent, subcanopy, understorey, forest floor. • Explain the relationship between community members. Relationships include – nutrient cycling, food chains, symbiosis, parasites, saprophytes. • Outline the process of plant succession base your example on a plant community. • Identify the site conditions influencing a natural, or semi-natural plant community. Site conditions may include but are not limited to – soil, climate, topography, plant and animal pests, human influences. • Examine a modified example of a natural plant community, and identify reasons for its degradation.
Element 2 Assess revegetation needs of specified site	Yes/No	<ul style="list-style-type: none"> • Analyse the site conditions that may influence revegetation in accordance with workplace procedures. Analysis may include but is not limited to – soil, topography, climate, existing vegetation, animal effects, human effects. • Identify the revegetation goals for the chosen site. Goals may include: enhanced wildlife habitat, biodiversity, enhanced amenity values. • Identify any site improvements needed, in accordance with workplace procedures. Site improvements may include but are not limited to – weed control, animal control, shelter, perimeter protection. • Compare the selected site with a less degraded community of the same type in accordance with workplace procedures. This may include but is not limited to – site conditions, improvements, limiting factors. • As appropriate consult with local authorities and community on the revegetation programme. • Identify plant species requirements and a source of local provenance plants. • Identify possible revegetation strategies for the chosen site. Strategies may include but are not limited to – planting, encouraging natural regeneration with minimal planting.
Element 3 Plan revegetation programme	Yes/No	<ul style="list-style-type: none"> • Select an appropriate revegetation strategy and plan a programme for site preparation, revegetation and maintenance. • Organise a supply of plant material to suit the revegetation plan. The plant material requirements may include: provenance, propagation method, plant type, species, container type, time.
Element 4 Establish and maintain vegetation	Yes/No	<ul style="list-style-type: none"> • Prepare the site for revegetation. Preparation may include: weed control, pest control, shelter, fencing, preparation of planting positions. • Position the plants and plant them in such a way that facilitates plant survival. • Monitor the site and maintain it in such a way to facilitate plant survival: This may include weed control, pest control, releasing plants, plant health, fencing, control of vandalism, public information.

_____ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 21033 (version 3)

Signed (Assessor): _____

WPA Registration Number: _____ Date: _____

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Please send this page to your NZHITO Regional Manager, who will forward it to National Office to register the credits on your NZQA Record of Learning.

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