

ASSESSMENT GUIDELINES

Unit 22208

Select and plant plants in landscape work

Level 3, Credit 5, Version 1

Select and plant plants in landscape work.

Unit standard 22208

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Level of performance required for this unit standard

This is a level 3 unit standard. At this level trainees are expected to demonstrate the following abilities when completing assessment tasks:

- To work under general supervision, with some independence; with significant responsibility for the standard of the outcome achieved.
- To apply technical skills and knowledge to complete the task to the specified standard, in a familiar context.
- To interpret available information, and use discretion and judgment.

Workplace assessment:

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

Special notes:

1. *Workplace procedures* refer to verbal or written instructions to staff on procedures for the worksite and equipment.
2. Legislation relevant to this unit standard includes but is not limited to the Health and Safety in Employment Act 1992.
3. *Site specification* refers to documented and verbal instructions detailing climatic, soil, fertiliser and usage conditions that can be expected to prevail or be required on the site.

**Unit 22208: Select and plant plants in landscape work.
(Apprentice copy)**

ELEMENT	Competent	Range of evidence an assessor should consider
<p>Element 1 Select specimens for planting. Range: may include but is not limited to – trees, shrubs, annuals, perennials, climbers, bulbs and aquatic water plants.</p>	<p>Yes/No</p>	<ul style="list-style-type: none"> ▪ Select specimens for characteristics defined by the site specification. Range: may include but is not limited to – health, shape, maturity. ▪ Select specimens for their ability to achieve optimum growth in given site conditions. Range: climatic influences, growing medium, level of maintenance available after planting.
<p>Element 2 Prepare plants for planting. Range: may include but is not limited to – trees, shrubs, annuals, perennials, climbers and bulbs.</p>	<p>Yes/No</p>	<ul style="list-style-type: none"> ▪ Use lifting and carrying techniques to move containers of specimens that are in accordance with workplace procedures to minimise the risk of personal injury or damage to the specimens. ▪ Ensure the methods used to transport plants, trees and shrubs are in accordance with workplace procedures and do not damage specimens. ▪ Ensure the methods used in storing plants, trees and shrubs on site minimises damage from weather and site activities, and theft or vandalism.
<p>Element 3 Plant plants. Range: may include but is not limited to – trees, shrubs, annuals, perennials, climbers and bulbs.</p>	<p>Yes/No</p>	<ul style="list-style-type: none"> ▪ Prepare the planting area according to plant requirements defined in the site specification. ▪ Select and use hand tools and equipment in accordance with workplace procedures to achieve specified outcomes without damage to plant specimens, injury to the user, or danger to others. Range: spade, shovel, line, bedding trowel. ▪ Remove specimens from containers without damage, and lay them out to the requirements of the site planting plan. ▪ Prepare holes for planting each specimen, ensuring they meet the requirements for that specimen in the present soil conditions. Range: shape and size to accommodate root structure, base cultivation, fertiliser. ▪ Plant specimens to meet criteria which encourage optimum growth. Range: criteria include – depth, firmness of fill material, undamaged. ▪ Finish the area around the planted specimens to a grade as a fine tilth without damage to the plants. ▪ Undertake watering without damage to specimens, and maintain it to meet the needs of specimens in the prevailing weather conditions. ▪ Remove surplus material, and leave the site in a condition which enables further work to be done unimpeded in accordance with workplace procedures.

<p>Element 4 Describe and apply mulches and associated covers.</p>	<p>Yes/No</p>	<ul style="list-style-type: none"> ▪ Identify the types of mulches used in soft landscape work and define them in terms of the characteristics of each type. Range: four types of natural mulch and two of artificial; characteristics – water retention, weed control, fertilising, soil conditioning, effect on soil temperature, appearance. ▪ Calculate the quantities of mulch required for a given, and order it in accordance with workplace procedures. Range: sheet material by type, size, and area to be covered; loose material by type, grade, and volume. ▪ Ensure the mulches application method, results in the finished installation conforming to the requirements of the site specification and details stipulated by the manufacturer. Range: cover thickness, material lap and anchorage, finish at trees and shrubs. ▪ Remove surplus material, and leave site in a condition which enables further work to proceed unimpeded in accordance with workplace procedures. ▪ Describe a maintenance and replacement programme, which ensures that the material continues to meet the requirements of the site specification.
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_____ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 22208, version 1

Signed (Assessor): _____

WPA Registration Number: _____ Date: _____

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<p>Element 2 Prepare plants for planting. Range: may include but is not limited to – trees, shrubs, annuals, perennials, climbers and bulbs.</p>	Yes/No	<ul style="list-style-type: none"> ▪ Use lifting and carrying techniques to move containers of specimens that are in accordance with workplace procedures to minimise the risk of personal injury or damage to the specimens. ▪ Ensure the methods used to transport plants, trees and shrubs are in accordance with workplace procedures and do not damage specimens. ▪ Ensure the methods used in storing plants, trees and shrubs on site minimises damage from weather and site activities, and theft or vandalism.
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<p>Element 4 Describe and apply mulches and associated covers.</p>	<p>Yes/No</p>	<ul style="list-style-type: none"> ▪ Identify the types of mulches used in soft landscape work and define them in terms of the characteristics of each type. Range: four types of natural mulch and two of artificial; characteristics – water retention, weed control, fertilising, soil conditioning, effect on soil temperature, appearance. ▪ Calculate the quantities of mulch required for a given, and order it in accordance with workplace procedures. Range: sheet material by type, size, and area to be covered; loose material by type, grade, and volume. ▪ Ensure the mulches application method, results in the finished installation conforming to the requirements of the site specification and details stipulated by the manufacturer. Range: cover thickness, material lap and anchorage, finish at trees and shrubs. ▪ Remove surplus material, and leave site in a condition which enables further work to proceed unimpeded in accordance with workplace procedures. ▪ Describe a maintenance and replacement programme, which ensures that the material continues to meet the requirements of the site specification.
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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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