

# **ASSESSMENT GUIDELINES**

## **Unit 2818**

Transplant large trees using specialist  
equipment

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Level 4, Credit 7, version 4

# Transplant large trees using specialist equipment

Unit standard 2818  
Level 4, Credit 7, version 4

## 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 contexts.
- To analyse and interpret information, and make an informed judgment.

## Assessors may consider linking the assessment of this unit standard with assessment for:

2818 Transplant large trees using specialist equipment.

## 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](http://www.hortito.org.nz)

## Entry information:

Prerequisite: Unit 2772, *Transplant amenity trees and shrubs manually* or demonstrate equivalent knowledge and skills.

## Special notes:

1. Relevant reference material  
The *Codes of Practice* are Code of Practice for Safety and Health in Tree Work, Part One: Arboriculture; Part Two: Maintenance of trees around power lines; Approved Code of Practice for power- operated elevating work platforms; Approved Code of Practice for

cranes and lifting appliances; and Guide for Safety with Underground Services; and are available from regional offices of the Department of Labour, Occupational Safety and Health Service.

The *Standards* are British Standard for Treeworks: BS 3998: 1989 and amendment 6549: 1990- available from Standards New Zealand, Private Bag 2439, Wellington; and American National Standard for Treed Care Operations- Pruning, Trimming, Repairing, Maintaining, and Removing Trees, and Cutting Brush- Safety Requirements- ANSI Z133.1- 1994 is available from American National Standards Institute, 11 West 42<sup>nd</sup> Street, New York, New York 10036, or website <http://www.ansi.org>.

2. Legislation relevant to this unit standard includes the Health and Safety in Employment Act 1992, Health and Safety in Employment Regulations 1995, and their subsequent amendments.

3. Definitions

*Specialist equipment* means such specialist lifting equipment as lifting frames, cranes and tree spades.

*Workplace procedures* is a written plan detailing how the company will meet the requirements of the Health and Safety legislation. Workplace procedures may also include the written Health and Safety Plans of contractors providing the specialist equipment.

## Unit 2818: Transplant large trees using specialist equipment (Apprentice copy)

ELEMENT	Competent	Range of evidence an assessor should consider
<b>Element 1</b> Demonstrate knowledge of procedures required to manage transplanting.	<b>Yes/No</b>	<ul style="list-style-type: none"> <li>▪ Ensure permits and resource consents secured enable tree transport to be completed legally.</li> <li>▪ Ensure access and preparation requirements for new site area are completed before transport begins.</li> <li>▪ Make arrangements for obstacles to be cleared from selected route prior to start of transporting and ensure that delays are minimised. Range: services, vegetation, structures, traffic.</li> <li>▪ Estimate weight so that lifting, excavation and transport equipment, and escort services arranged ensure work can be completed according to workplace procedures and specification.</li> <li>▪ Adopt labour and equipment schedules that ensure work can be completed according to workplace procedures, to specification, and within the time prescribed for the contract.</li> </ul>
<b>Element 2</b> Transplant trees using specialist equipment.	<b>Yes/No</b>	<ul style="list-style-type: none"> <li>▪ Prepare the new site to meet tree requirements. Range: excavation, drainage, aeration, provision of anchor and guying facilities, provision of irrigation if required.</li> <li>▪ Prepare tree for safe and damage free lifting. Range: may include but is not limited to- lifting points established, root ball excavation and undercut, root ball protection applied, temporary stabilisation, pruning.</li> <li>▪ Ensure methods used to lift and secure the tree on transporter meet the Codes of Practice and workplace procedures.</li> <li>▪ Ensure transport proceeds according to permit and regulation requirements.</li> <li>▪ Lift tree and place in a new location according to the specification, Codes of Practice and workplace procedures. Range: may include but is not limited to- orientation, planting media, drainage, root ball preparation, plant depth, stabilisation, backfilling, canopy checked for damage.</li> </ul>
<b>Element 3</b> Provide post-transplant care.	<b>Yes/No</b>	<ul style="list-style-type: none"> <li>▪ Enhance soil environment to meet tree and client requirements. Range: may include but is not limited to- nutrients, irrigation, air filtration, mulch.</li> <li>▪ Undertake formative and remedial pruning to meet tree requirements.</li> </ul>

\_\_\_\_\_  
*(Name of Apprentice)*

is **Competent / Not yet competent** in Unit Standard 2818 (version 4)

**Signed (Assessor):** \_\_\_\_\_

WPA Registration Number: \_\_\_\_\_ Date: \_\_\_\_\_

## Unit 2818: Transplant large trees using specialist equipment (Assessor copy)

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\_\_\_\_\_ (Name of Apprentice)

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**Signed (Assessor):** \_\_\_\_\_

WPA Registration Number: \_\_\_\_\_ Date: \_\_\_\_\_

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.

## **Unit 2818: Transplant large trees using specialist equipment**

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*(Name of Apprentice)*

**is Competent in Unit Standard 2818** (version 4)

**Signed (Assessor):**

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WPA Registration Number: \_\_\_\_\_

Date: \_\_\_\_\_