

ASSESSMENT GUIDELINES

Unit 22181

Layout, remove and clean support materials for
planting in greenhouse production

Level 4, Credit 5, version 1

Layout, remove and clean support materials for planting in greenhouse production

Unit standard 22181

Level 4, Credit 5, Version 1

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.

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 *Support materials* for planting in greenhouse production may include but are not limited to - over ground support structures used in cut flower production, bag culture used in orchid and greenhouse vegetable production, tray culture used in cut flower production, or a nutrient film technique/hydroponic system.

**Unit 22181: Layout, remove and clean support materials for planting in greenhouse production
(Apprentice copy)**

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Describe support materials for planting used in a greenhouse crop.	Yes/No	<ul style="list-style-type: none"> ▪ Describe support materials in terms of crop requirements and workplace procedures. ▪ Describe the use of support materials in terms of when it is required in greenhouse production
Element 2 Layout the support materials for planting. Range: two or more of the following systems – placement of planter/container bags, structural plant frames, laying out irrigation pipes or microtube, stringing of plants.	Yes/No	<ul style="list-style-type: none"> ▪ Lay out support material in the greenhouse to support and irrigate plants, in accordance with workplace procedures. ▪ Space plant support structures in accordance with workplace procedures. ▪ Ensure irrigation lines are all functional and have no leaks or blockages. ▪ Ensure plants are supported to keep the stems straight. ▪ Implement techniques and manage labour for laying out and removing plant support structures, in accordance with workplace procedures.
Element 3 Maintain support materials for planting.	Yes/No	<ul style="list-style-type: none"> ▪ Maintain support structures for the duration of the crop. ▪ Check irrigation systems daily and repair blockages. ▪ Ensure the crop is supported so that its growth is unimpeded and the shape of the plants is maintained, in accordance with workplace procedures. ▪ Make adjustments to the support material throughout the life of the crop in accordance with workplace procedures.
Element 4 Remove the support materials for planting.	Yes/No	<ul style="list-style-type: none"> ▪ Remove support materials in accordance with workplace procedures.
Element 2 Clean greenhouse support materials	Yes/No	<ul style="list-style-type: none"> ▪ Clean glasshouse support materials in accordance with workplace procedures. Range: may include but not limited to – plant support frames, irrigation pipes, overhead support wires.

_____ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 22181. (version 1)

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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