

ASSESSMENT GUIDELINES

Unit 24646

Establish and maintain amenity turf surfaces.

Level 2, Credit 7, Version 1

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Unit standard 24646

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Level of performance required for this unit standard

This is a level 2 unit standard. At this level trainees are expected to demonstrate the following abilities when completing assessment tasks:

- To work under general supervision, as directed; with some responsibility for the standard of the outcome achieved.
- To complete tasks that are established and familiar, with a moderate range of skill and knowledge.
- To apply basic operational knowledge, use readily available information and known solutions to solve familiar problems.

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 This unit standard is not intended for people who intend to specialise in turf management. People working, or intending to work, in turf management should refer to unit standards from the Sports Turf subfield.
- 2 The amenity turf establishment areas for this unit standard should be no less than five square metres.
- 3 *Workplace procedures* refer to oral or written instructions to staff on procedures for the worksite and equipment.
- 4 This unit standard is based around outcomes previously covered in unit standard 1673.
- 5 Legislation relevant to this unit standard includes but is not limited to the Hazardous Substances and New Organisms Act 1996, and subsequent amendments.
- 6 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>.

**Unit 24646: Establish and maintain amenity turf surfaces
(Apprentice copy)**

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Prepare soil surfaces for sowing turfgrass seed or laying turf.	Yes/No	<ul style="list-style-type: none"> ▪ Control weeds and remove surface debris to prepare the soil for cultivation in accordance with workplace procedures. ▪ Cultivated and consolidated soil is to a depth and tilth suited to the requirements of the seed or turf and as specified on seed containers, or in accordance with workplace procedures. ▪ Contour the seedbed to meet user needs in accordance with workplace procedures. ▪ Ensure that the nutrient and moisture levels are suitable for seed germination or turf establishment as specified on seed containers, or in accordance with workplace procedures. ▪ Clean and store cultivation tools after use in accordance with workplace procedures.
Element 2 Select appropriate turfgrass species and cultivar.	Yes/No	<ul style="list-style-type: none"> ▪ Select turfgrass species and cultivar, taking into consideration its suitability for the local climate and intended use. Considerations should include the following – full exposure, light shading, heavy shading, occasional use, heavy use. ▪ Advantages and disadvantages of sowing turfgrass seed and laying turfing are compared in accordance with workplace procedures. Comparisons may include but is not limited to – labour, cost, machinery and equipment required, time constraints on surface usability.
Element 3 Sow turfgrass seed.	Yes/No	<ul style="list-style-type: none"> ▪ Make sure soil is moist to ensure successful establishment of seed. ▪ Calculate the amount of seed that is required in accordance with workplace procedures. Considerations may include but are not limited to – recommended sowing rate, area to be sown. ▪ Sow the seed uniformly in a prepared seedbed in accordance with workplace procedures. Considerations may include but are not limited to – depth of sowing, seed size. ▪ Water newly sown seed in accordance with workplace procedures.
Element 4 Lay turf.	Yes/No	<ul style="list-style-type: none"> ▪ Make sure soil is moist to ensure successful establishment of turf. ▪ Check the turf when you receive it in accordance with workplace procedures to ensure it meets requirements in terms of the order that was placed and its intended use. Include checks for – pests and diseases, species composition, turf mat and density, thatch, turf moisture content. ▪ Laid turf is uniformly on the prepared soil in accordance with workplace procedures. Laying includes – butted joints, alternating joints, turves are tamped down, screened soil used to fill in cracks, shaped, cut. ▪ Water newly laid turf in accordance with workplace procedures.

<p>Element 5 Establish newly laid or sown turf areas.</p>	<p>Yes/No</p>	<ul style="list-style-type: none"> ▪ Maintain the conditions for successful establishment of turf in accordance with workplace procedures. Conditions may include but not limited to – moisture, protection, soil fertility, weed control, light, temperature, wind, mulch, consolidation. ▪ Ensure that at least 85% of sown or 95% of laid turf species is established. ▪ First mow of turf is at a height appropriate to the species, with subsequent mowings gradually reduced until the desired species optimum cutting range is met, in accordance with workplace procedures. ▪ Recommend the area for use once turf is fully established.
<p>Element 6 Maintain established turf for a period of twelve weeks.</p>	<p>Yes/No</p>	<ul style="list-style-type: none"> ▪ Maintain suitable growing conditions through monitoring soil moisture, soil aeration, and soil nutrients. ▪ Keep turf healthy through maintenance of pest, disease, and weed control measures. ▪ Maintain the height and quality of cut of the turf in accordance with workplace procedures for turf maintenance. ▪ Select an appropriate type of mower that fits with the turf quality desired. Range: reel, rotary.

_____ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 24646, 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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(Name of Apprentice)

is Competent in Unit Standard 24646. (version 1)

Signed (Assessor):

WPA Registration Number: _____

Date: _____