

ASSESSMENT GUIDELINES

Unit 22200

Lay base and segmental pavers as hard surfaces
in landscape work

Level 4, Credit 6, version 1

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Unit standard 22200

Level 4, Credit 6, 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. The New Zealand Standards applicable to this unit standard are: NZS 3109:1997A2 *Concrete construction*, and NZS 4229:1999 *Concrete masonry buildings not requiring specific engineering design*, available from <http://www.standards.co.nz>.

Unit 22200: Lay base and segmental pavers as hard surfaces in landscape work (Apprentice copy)

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Prepare work area for laying of segmental pavers	Yes/No	<ul style="list-style-type: none"> ▪ Complete excavation for the work in accordance with workplace procedures and the requirements of the drawings and specifications. ▪ Establish edgings for the work to; height, line and grade shown on drawings and in accordance with the specifications and manufacturer's requirements where applicable.
Element 2 Lay base for segmental pavers.	Yes/No	<ul style="list-style-type: none"> ▪ Establish height, line and grade for finished hardfill, using pegs located to measurements and heights shown in drawings or specifications. ▪ Locate any services to or passing under the hard surface prior to laying the base, and protect them from damage during laying of hardfill. Range of services may include but is not limited to – drainage, drainage collection points, water, electricity, gas, telephone, data cables. ▪ Lay base to specification of hard surface material requirements and in accordance with workplace procedures. Range may include but is not limited to - layering, coarse to fine material, use of water as a compaction agent, use of lime as a stabiliser, use of geo-textiles. ▪ Compact base and finish surface to height, line and grade, without damage or displacement of edgings if present.
Element 3 Lay segmental pavers according to specifications	Yes/No	<ul style="list-style-type: none"> ▪ Describe materials that are suitable for construction of a low maintenance and durable hard surface in landscaping, explain them in terms of characteristics and uses. Range of materials - segmental concrete units, clay pavers, bedding sand, jointing sand. ▪ Calculate and order the material requirements from drawings or specifications and site measurement check, in accordance with workplace procedures. Range of materials includes - segmental concrete units or clay pavers by name, dimension, and square metres of surface; bedding and jointing sand by grade and cubic metres. ▪ Use measurements and the establishment of reference lines to a specified layout to set out the pattern for laying units. ▪ Spread out bedding sand, compact if specified, and finish to line and grade required to set installed paving units to a specified height. ▪ Lay full paving units to spacing, line, specified pattern, and manufactures recommendations in order to form an even surface. ▪ Use a range of tools and equipment to cut and fit part units, without causing damage to the units, edges, or displacement of the laying pattern, according to workplace procedures. Range of tools and equipment must include three of - hydraulic cutters, hammer and bolster, power saw and specialist cutting blade, water lubricated block and brick cutting saw. ▪ Ensure that established edges prevent displacement of units at the completion of the work. ▪ Spread jointing sand over the surface, ensuring all joints are filled to prevent movement of paving under load. ▪ Remove surplus jointing sand to leave paved surface ready for use. ▪ Remove all surplus material and leave the site in a condition that allows further work to continue unimpeded in accordance with workplace procedures. ▪ Make a final check to jointing within 14days of completing job, ensuring all joints are topped up to specifications.

_____ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 22200 (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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