

ASSESSMENT GUIDELINES

Unit 1011

Construct brick and block features in
landscape work

Level 4, Credit 8, version 5

Construct brick and block features in landscape work

Unit standard 1011

Level 4, Credit 7, version 5

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

Entry Information:

It is recommended that unit standard 22205 *Construct reinforced concrete features in landscape work*, is completed prior to this unit standard.

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

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 Standard applicable to this unit standard is: NZS 4210:2001 Masonry construction: *Materials and workmanship*, available from <http://www.standards.co.nz>.
4. Any work carried out in playground areas must comply with NZS 5828:2004 *Playground equipment and surfacing*, available from <http://www.standards.co.nz>.

Unit 1011: Construct brick and block features in landscape work (Apprentice copy)

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Identify the material requirements of brick and block landscape features	Yes/No	<ul style="list-style-type: none"> ▪ Using drawings and specifications, calculate, select and order: bricks, blocks, mortar, and associated material requirements for a given landscape work according to workplace procedures. Range: bricks and blocks by number, size, and manufacturer's code number, sand for mortar by grade and volume, cement by bag, reinforcing by size and lineal measure, other items by number size, length, area, finish as required. ▪ Ensure that storage of materials on site minimises further handling, prevents damage, and does not impede other work. ▪ Ensure selection and use of materials enables work to be completed according to site drawings and specification and the requirements of NZS4210:2001.
Element 2 Use hand and portable power tools in brick and block construction	Yes/No	<ul style="list-style-type: none"> ▪ Select and use hand and portable power tools to achieve a specified outcome according to workplace procedures. Tools may include but are not limited to - lines, automatic level, spirit level, measuring tape, measuring rule, square, straight edge; skutch hammer, bolster, club hammer, cold chisel; laying trowel, jointing tools, pointing trowel, mortar board, shovel, barrow; concrete mixer, power saw with concrete and brick cutting blade or water lubricated brick and block saw, residual current device, electrical cords, safety equipment, electric drill. ▪ Use protective equipment according to workplace procedures to minimise risk of injury in brick and block landscape work. This includes: gloves, eye protection, ear protection and footwear. ▪ Maintain tools and equipment in efficient condition according to workplace procedures. Range: sharp, clean, undamaged, adjusted, lubricated and dust proof.
Element 3 Build brick and block landscape features.	Yes/No	Use four of - free standing walls, retaining walls, facings or veneers, columns and piers, steps and seats, storage features and barbecues. Ensure foundations are appropriate to breadth and purpose of foundation. <ul style="list-style-type: none"> ▪ Ensure foundations are appropriate to the breadth and purpose of foundation. ▪ Construct features to dimensions and location shown on drawings or specifications. ▪ Use construction methods according to NZS 4210:2001 ▪ Provide fixings for other construction elements as shown on drawings or specifications. Range may include but is not limited to - bolts, nailing plugs, ties, brackets and ducting. ▪ Apply finishes to features to meet the requirements of drawings and specification. ▪ Complete work associated with block and brick features to the requirements of drawings and specification without damage to the feature and according to workplace procedures. Range may include but is not limited to - drainage, backfilling, waterproofing and pointing. ▪ Use devices which define areas of danger when work is accessible to the public according to workplace procedures. Range may include but is not limited to - barriers, lights and warning signs. ▪ Leave site maintained and in a condition which allows further work to be done unimpeded, according to workplace procedures.

_____ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 1011 (version 5)

Signed (Assessor): _____

WPA Registration Number: _____ Date: _____

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