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| Title | Lay interlocking pavers for infrastructure works | | |
| Level | 2 | Credits | 6 |

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| Purpose | People credited with this unit standard are able to: demonstrate knowledge of materials and equipment for interlocking pavers for infrastructure works; confirm job instructions and select personal protective equipment; place and embed pavers for infrastructure works; and clean up infrastructure worksite after work is completed. |
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| Classification | Infrastructure Works > Generic Infrastructure Works |
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| Available grade | Achieved |
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Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with relevant legislative and industry requirements and completed under supervision.
- 2 Legislation relevant to this unit standard includes: Health and Safety at Work Act 2015; and all subsequent amendments and replacements.
- 3 Definition
Industry requirements refer to relevant policies, processes, methodologies, industry codes of practice, site specific health and safety plans, standard operating procedures, site safety plans, quality plans, work plans, traffic management plans, contract work programmes, job safety analysis, safe work method statements, job instructions, manufacturer's requirements, contract specifications, manuals, procedural documents.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of materials and equipment for interlocking pavers for infrastructure works.

Performance criteria

- 1.1 Sub-base material, crusher dust, graded sand, and proprietary sand mixes are identified and their use on pavements explained in terms of particle size.

- 1.2 Paving equipment is identified on site and its use described.
- Range equipment includes – straightedge, side runner, screed rail, screed, bolster chisel, paving splitter, rubber hammer, rammer, concrete cutter, cobble cutter.
- 1.3 Types of paving block are identified and described, and differences in strength and thickness are explained in relation to suitability for infrastructure works applications.

Outcome 2

Confirm job instructions and select personal protective equipment.

Performance criteria

- 2.1 Job instructions are confirmed.
- Range instructions include – site safety, bedding material, paver type and thickness, jointing material.
- 2.2 Personal protective equipment is selected, fitted, and worn.
- Range equipment may include but is not limited to – overalls, safety footwear, gloves, reflective vest, hearing protection, eye protection, hard hat; evidence of four personal protective items is required.

Outcome 3

Place and embed pavers for infrastructure works.

Performance criteria

- 3.1 The use of paving equipment is demonstrated.
- Range equipment may include but is not limited to – straightedge, side runner, screed rail, screed, bolster chisel, paving splitter, rubber hammer, rammer, cobble cutter; evidence of four pieces of equipment is required.
- 3.2 Bedding material is placed and screeded.
- 3.3 Pavers are placed from stable edge providing suitable platform to prevent disturbance of screeded bedding material.
- 3.4 Infills are completed using cut pavers.
- 3.5 Jointing material is applied.
- 3.6 Areas requiring hand-compaction are compacted.

3.7 Initial compaction of larger areas is achieved by mechanical means.

Outcome 4

Clean up infrastructure worksite after work is completed.

Performance criteria

4.1 Surplus materials are removed, and site is cleaned up.

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| Planned review date | 31 December 2026 |
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Status information and last date for assessment for superseded versions

| Process | Version | Date | Last Date for Assessment |
|--------------|---------|-------------------|--------------------------|
| Registration | 1 | 18 February 2011 | 31 December 2023 |
| Review | 2 | 30 September 2021 | N/A |

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| Consent and Moderation Requirements (CMR) reference | 0101 |
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Connexis - Infrastructure Industry Training Organisation qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.