

Paving 10 Conduct quality assurance in streetscape paving

Kaupae Level	4
Whiwhinga Credit	20
Whāinga Purpose	<p>This skill standard is for people intending to complete the New Zealand Certificate in Streetscape Paving (Level 4).</p> <p>People with this skill standard have the skills to apply quality assurance techniques to assess workmanship and performance of streetscape paving systems.</p> <p>This skill standard may contribute to New Zealand qualifications designed for construction and infrastructure trades.</p>
Whakaakoranga me mātua oti Pre-requisites	

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Apply quality assurance techniques to assess workmanship and paving system performance.	a. Levels, alignment, falls, and joint widths are checked using suitable tools.
	b. Inspection points are identified and checked systematically to ensure compliance with quality and safety standards.
	c. Results are compared to required tolerances and specifications.
	d. Test methods are used to check compaction, drainage function, and material suitability.
	e. Edge restraints, jointing and cut pavers are examined for consistency, durability and visual quality.
	f. Surface water drainage is confirmed to occur properly without pooling.
2. Respond to paving issues and recommend improvements.	a. Issues affecting surface finish or performance are identified and reported.

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
	b. Appropriate corrective measures are suggested.
	c. Remedial work is monitored and its effectiveness confirmed.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

Assessment specifications:

Streetscape paving refers to the design, selection, and installation of paving materials in public spaces such as sidewalks, plazas, pedestrian zones, parks, and road edges. The focus is on durability, safety, aesthetics, and functionality to make these areas accessible and attractive.

To achieve this standard, the candidate must conduct quality assurance in streetscape paving in line with industry standards.

Industry standards must reflect best practice, workplace procedures, and be within acceptable tolerances as defined in New Zealand codes, standards and regulations.

Evidence for this standard must be:

- to current and relevant legislation, standards, and codes (including safety),
- in an environmentally sustainable manner,
- within an acceptable timeframe,
- in different and unfamiliar contexts,
- with acceptable behaviours.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

- Tools and techniques for checking surface level, fall, and straightness
- Tolerance guidelines for different paving systems
- Use of lasers, stringlines, spirit levels, and straightedges
- Inspection of drainage function and surface water behaviour
- Issues may include efflorescence, movement, staining, sand loss, cracking, joint erosion, or surface unevenness.
- Basic testing for bedding and compaction quality
- Documentation methods for QA results and site reporting
- Relevant NZ standards and council guidelines
- How to communicate QA concerns and solutions clearly
- Guidelines for cutting pavers

Rauemi | Resources

Programme guidance available from qualifications@waihangaararau.nz.

Pārongo Whakaū Kounga | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Waihanga Ara Rau Construction and Infrastructure Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0101

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	[dd mm 2025]	N/A
Kōrero whakakapinga Replacement information	N/A		
Rā arotake Planned review date	31 December 2030		

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@waihangaararau.nz to suggest changes to the content of this skill standard.