

Title	Implement quality processes on the bitumen surfacing construction site		
Level	4	Credits	25

Purpose	People credited with this unit standard are able to implement quality processes on the bitumen surfacing construction site.
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Classification	Infrastructure Works > Bitumen Surfacing Construction
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Available grade	Achieved
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Guidance Information

- 1 Learning and assessment within this unit standard must be carried out in an infrastructure works environment and in accordance with the following legislation and codes of practice, as relevant to their role, and any subsequent amendments or replacements:
 - Health and Safety at Work Act 2015;
 - Resource Management Act 1991;
 - Code of Practice: Safe Handling Bituminous Materials Used in Roading;
 - Bitumen Safety Book, both available from <http://nzcontractors.co.nz/Publications>.
- 2 Evidence from three different work sites is required to achieve this unit standard.
- 3 Definitions

Company requirements include the policy, procedures, and methodologies of the company. They include legislative and regulatory requirements that may apply across the company or to a specific site. Requirements are documented in the company health and safety plans, traffic management plans, contract work programmes, quality plans, policies, and procedural documents.

Job specifications are instructions given to the operator prior to undertaking a job. They may include site safety instructions, contract drawings, and written memos.

Quality outcomes may refer to health and safety, environmental, technological, economical, performance, productivity, efficiency and service outcomes.

Quality plan refers to any contract specific policy, processes, procedures, testing or certification requirements for site works.

Quality processes refer to the processes specified in the quality plan.

Hold points refer to the halt in work activities till you have confirmed they meet test requirements or job specifications.

Outcomes and performance criteria

Outcome 1

Implement quality processes on the bitumen surfacing construction site.

Performance criteria

- 1.1 Quality processes are explained in terms of ensuring consistent work practices.
- 1.2 Quality processes are implemented in accordance with the quality plan and in terms of ensuring consistent work practices throughout the surfacing construction process.
- 1.3 Onsite work team training and competence is confirmed in terms of meeting the requirements of the quality plan and work plans, and throughout the surfacing construction process is confirmed.
- 1.4 Hold points are monitored to confirm quality of work in accordance with specifications and inspection test plans.
- 1.5 Depths and spread or spray rate requirements are met during site work operations.
- 1.6 Materials are used within recommended parameters and are appropriate for the intended use.
- 1.7 Plant is set up to meet the requirements of the quality plan.
- 1.8 Transporting, handling and laying of materials meets the requirements of the quality plan and company requirements.
- 1.9 Environmental controls on site are monitored in accordance with the job specifications, quality outcomes and company requirements.
- 1.10 Quality outcomes are communicated and monitored on site in accordance with the quality plan requirements.
- 1.11 Variations or modifications are actioned in accordance with company requirements.
- 1.12 Liability, defects or quality issues are explained in terms of the impact on company profit and reputation.

Planned review date	31 December 2022
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	14 December 2017	N/A

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 the Connexis Infrastructure ITO qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.