

Title	Implement, monitor, and complete the work plan for the bitumen surfacing construction site		
Level	4	Credits	28

Purpose	People credited with this unit standard are able to implement, monitor, and complete the work plan for 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.

Outcomes and performance criteria

Outcome 1

Implement the work plan for the bitumen surfacing construction site.

Performance criteria

- 1.1 Work plan is outlined in accordance with job specifications, site constraints, and company requirements.
- Range includes – schedule of site activities and work sequences.
- 1.2 Sequencing of operations and plant is communicated to the team onsite in accordance with job specifications.
- 1.3 Materials, equipment and resource allocations are confirmed in accordance with the job specifications.
- 1.4 Procedures for risk and health assessments, hazard identification, and emergencies, are identified, communicated to the team onsite, and implemented, in accordance with the site safety plan and company requirements.
- 1.5 Services requiring protection or reinstatement are identified and documentation completed in accordance with job specifications.

Outcome 2

Monitor the work plan for the bitumen surfacing construction site.

Performance criteria

- 2.1 Environmental hazards are controlled and monitored on site and any environmental issues are actioned in accordance with company requirements.
- 2.2 Conditions are monitored on site and work is terminated when a safety or quality issue is identified in accordance with company requirements.
- 2.3 Site communications are carried out in terms of ensuring the safety, health and wellbeing of all affected parties.
- 2.4 Issues with plant and equipment and their operation are identified and remedied, in terms of quality outcomes.
- 2.5 Site issues and changes are recorded and escalated to a supervisor in accordance with company requirements.

Outcome 3

Complete the work plan for the bitumen surfacing construction site.

Performance criteria

- 3.1 Site is reinstated and packed up and tidied in accordance with company requirements.

- 3.2 Identify any corrective actions for site works including any pavement defects or equipment repairs in accordance with company requirements.
- 3.3 Reporting and documentation requirements are completed in accordance with job specifications and company requirements.

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