

Title	Demonstrate first aid relating to bituminous materials and associated products		
Level	2	Credits	1

Purpose	People credited with this unit standard are able to demonstrate first aid relating to bituminous materials and associated products.
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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 in accordance with industry requirements, the following legislation, guidelines, as relevant to their role, and any subsequent amendments or replacements:
 - Health and Safety at Work Act 2015;
 - Resource Management Act 1991, available from www.legislation.govt.nz;
 - Best Practice Guideline: Safe Handling of Bituminous Materials Used for Roothing (BPG01), available from BPG01 | Civil Contractors NZ;
 - The Bitumen Safety Handbook, available from <https://civilcontractors.co.nz/>.
- 2 Assessment against this unit standard must ensure the candidate can react immediately to an incident without the need to refer to reference materials. It is recommended Unit 20455, *Demonstrate basic knowledge of safety relating to bituminous materials and associated products* is achieved prior to entering this unit standard or demonstrated equivalent knowledge and skills.
- 3 Definitions

Associated products refer to kerosene, diesel, and chemical additives.

Bituminous materials refer to bituminous liquids and materials containing bitumen, that are applied to pavement surfaces including hot cutback bitumen, hot polymer modified, emulsified bitumen, hot binders, emulsified binders, straight bitumen.

Burns Card refers to the bitumen Burns Card in the Bitumen Safety Handbook and BPG01.

Industry 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.

Safety Data Sheets (SDS) refer to information that includes hazard and reporting procedures, protection of workers and the public, environmental management, and emergency response procedures.

Outcomes and performance criteria

Outcome 1

Demonstrate first aid relating to bituminous materials and associated products.

Performance criteria

- 1.1 First aid for burns relating to bituminous materials is demonstrated in accordance with the Burns Card.
- 1.2 First aid for chemical burns and/or skin irritation caused by associated products is demonstrated in accordance with SDS.
- 1.3 Preparation for transport of a patient with burns from bituminous materials or associated products is demonstrated in accordance with the Burns Card.
- 1.4 Transfer of a patient with burns from bituminous materials or associated products into medical care is demonstrated in accordance with the Burns Card.

Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	27 October 2005	31 December 2013
Revision	2	26 January 2007	31 December 2013
Review	3	15 March 2012	31 December 2019
Review	4	30 August 2018	31 December 2026
Review	5	29 June 2023	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 Waihangara Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@WaihangaraAraRau.nz if you wish to suggest changes to the content of this unit standard.