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

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| 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 Recommended skills and knowledge:
Unit 20455, *Demonstrate basic knowledge of safety relating to bituminous materials and associated products*, or demonstrate equivalent knowledge and skills.
- 2 Learning and assessment within this unit standard must be carried out in an infrastructure works environment and in accordance with the following, as relevant to their role, and any subsequent amendments:
 - Health and Safety at Work Act 2015;
 - Resource Management Act 1991;
 - Hazardous Substances and New Organisms Amendment Act 2015;
 - Code of Practice: Safe Handling Bituminous Materials Used in Roothing, available from <http://nzcontractors.co.nz/Publications>.
- 3 Assessment against this unit standard must ensure the candidate can react immediately to an incident without the need to refer to reference materials.
- 4 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 the Code of Practice.

Company requirements refer to all documented policies, procedures, and methodologies of the candidate's employer at the time of training including but not limited to those relating to health, safety, quality, and operations.

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 and company requirements.
- 1.2 First aid for chemical burns and/or skin irritation caused by associated products is demonstrated in accordance with SDS and company requirements.
- 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.

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