

Title	Demonstrate knowledge of and participate in an incident investigation for infrastructure works		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to demonstrate knowledge of and participate in an incident investigation for infrastructure works.
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Classification	Infrastructure Works > Infrastructure Works Supervision
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes Health and Safety at Work Act 2015 and Resource Management Act 1991.
- 2 Assessment against this unit standard must take place in a workplace environment. Assessment parameters depend on company and site-specific equipment, procedures, and practices. Practices must reflect industry best practice and comply with legislative requirements.
- 3 Definition
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.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of incident investigation for infrastructure works.

Performance criteria

- 1.1 Reasons for conducting an incident investigation for infrastructure works are explained in terms of legislative requirements, benefits to the company, and criteria for investigation.
- 1.2 Incident investigation processes for infrastructure works are explained in accordance with company requirements.

- 1.3 Facts that may be collected for an infrastructure works incident investigation are explained in terms of establishing a sequence of events and root cause(s).
- 1.4 The relationship between root causes and recommended measures is explained in terms of preventing reoccurrence of the incident.
- 1.5 Reporting of infrastructure works incident investigation, implementation of recommendations, and monitoring and evaluation of recommended measures are described in accordance with company requirements.

Outcome 2

Participate in an incident investigation for infrastructure works.

Performance criteria

- 2.1 Facts to inform the investigation are gathered in accordance with company requirements and the scope of own role in the investigation.
- 2.2 Contribution to analysis of the incident and establishment of root causes is in accordance with company requirements and the scope of own role in the investigation.
- 2.3 Recommended actions are implemented in accordance with company requirements.
- 2.4 Monitoring and evaluation of effectiveness of recommended actions is carried out in accordance with company requirements.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	30 August 2018	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.