

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 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with relevant legislative and industry requirements.
- 2 Legislation relevant to this unit standard includes the Health and Safety at Work Act 2015, available from www.legislation.govt.nz.
- 3 Definition
Industry requirements may refer to but are not limited to relevant policies, processes, methodologies, industry codes of practice, site specific health and safety plans, standard operating procedures, site safety plans, quality plans, work plans, traffic management plans, contract work programmes, job safety analysis, safe work method statements, job instructions, manufacturer's requirements, contract specifications, manuals, 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 industry 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 industry 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 industry 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 industry requirements and the scope of own role in the investigation.
- 2.3 Recommended actions are implemented in accordance with industry requirements.
- 2.4 Monitoring and evaluation of effectiveness of recommended actions is carried out in accordance with industry requirements.

Planned review date	31 December 2029
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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	31 December 2026
Review	2	12 December 2024	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.