

Title	Supervise health and safety requirements on an infrastructure works site		
Level	4	Credits	8

Purpose	<p>This unit standard is for people who supervise safety at an infrastructure works site.</p> <p>People credited with this unit standard are able to: implement hazard controls on an infrastructure works site; monitor and enforce worksite health and safety; and assist with a worksite accident investigation.</p>
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Classification	Infrastructure Works > Infrastructure Works Health, Safety, and Environment
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Available grade	Achieved
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Explanatory notes

- 1 The following legislation and documents must be complied with:
Health and Safety in Employment Act 1992;
Injury Prevention, Rehabilitation, and Compensation Act 2001;
Health and Safety in Employment Regulations 1995;
Regulations and codes of practice pertaining to the sector of the infrastructure works industry to which the workplace belongs; documented company health, safety, environmental, and quality procedures.
- 2 Assessment against this unit standard must take place in a workplace environment. Assessment parameters will depend on company and site specific equipment, procedures, and practices. Practices must reflect industry best practice and comply with legislative requirements.
- 3 Definitions
Accident means an event that causes any person to be harmed, or might have caused any person to be harmed.
Company requirements include the policy, procedures, and methodologies of the company. They include legislative and regulatory requirements applicable to the company or a specific site. Requirements are documented in the company's health and safety plans, traffic management plans, contract work programmes, quality assurance programmes, policies, and procedural documents.
Infrastructure works site refers to a site with activity relating to any of: the construction and maintenance of infrastructure assets, such as road, rail, port, airport, and utilities; demolition; bulk earthworks; quarrying; asphalt production; and bitumen storage and application.
Harm means illness, injury, or both.

SDS means safety data sheets provided by the product manufacturer.

Site safety plan means the comprehensive plan dealing with issues relating to health, safety, and the environment. This plan may be generic or site specific and includes an emergency plan, and may include a hazard register.

Outcomes and evidence requirements

Outcome 1

Implement hazard controls on an infrastructure works site.

Evidence requirements

- 1.1 Specified requirements for hazard control are put in place at a worksite in accordance with site safety plan.
- 1.2 Personnel on site are notified of identified hazards and controls in accordance with company procedures.
- 1.3 Subcontractors on site are notified of identified hazards and controls in accordance with company procedures.
- 1.4 Health and safety information is available on site in accordance with company requirements.

Range: may include but is not limited to – hazardous substance labels, access to further information, lockout tags, diagrams, preferred work practice, SDS, emergency procedures.

Outcome 2

Monitor worksite health and safety.

Range evidence is required from at least three different situations or worksites.

Evidence requirements

- 2.1 Site inspection prior to commencement of work ensures that controls are in place for identified hazards.
- 2.2 Site is monitored to ensure that identified hazards continue to be controlled in compliance with site safety plan.
- 2.3 Monitoring ensures that personnel have the knowledge and skills to perform the tasks expected of them, and that untrained personnel are supervised in accordance with company requirements.
- 2.4 Monitoring ensures that personnel work in accordance with industry best practice.

2.5 Monitoring ensures that health and safety hazards which arise after the initial site inspection are identified and assessed, and suitable controls are established and communicated to people on site in accordance with company procedures and legislative requirements.

Range: assessment – potential harm, significant hazard;
controls – hierarchy, proposed action, implementation date,
frequency of monitoring.

2.6 Monitoring ensures that on-site personnel maintain health and fitness to safely perform worksite duties.

Range: may include but is not limited to – fatigue, stress, hydration,
hygiene, effects of drugs, effects of alcohol.

Outcome 3

Enforce worksite health and safety.

Evidence requirements

3.1 Unsafe actions are stopped, consequences are explained, and action is taken to modify unsafe behaviour in accordance with company procedures.

Range: action may include but is not limited to – warning,
reminder/demonstration of safe procedure, appointment of
supervisor, further training;
evidence is required of at least three actions.

3.2 Unsafe processes are stopped, processes are changed to eliminate the hazard/hazards, and on-site personnel are advised of the required changes.

Range: evidence is required of at least two processes.

3.3 Unsafe conditions and/or situations are assessed and action is taken to ensure safety in accordance with company procedures.

3.4 Enforcement ensures that equipment that is unsafe, or is not fit for purpose, is not used on site.

3.5 Feedback on health and safety issues is assessed and actioned in accordance with legislative requirements, company procedures, and project requirements.

Range: feedback may come from health and safety meeting, incident form,
or any other source.

3.6 Worksite health and safety action is reported in accordance with company procedures and in the format required by the recipient.

Range: any two of – subcontractor, MBIE, local authority, company
management, client, engineer.

- 3.7 Accident is reported in accordance with MBIE requirements and company procedures.
- 3.8 Recommendations for corrective actions resulting from an accident investigation are implemented, and assistance is given to inform all those affected by the accident in accordance with industry best practice and company procedures.

Outcome 4

Assist with a worksite accident investigation.

Evidence requirements

- 4.1 Assistance is given in accordance with company procedures and legislative requirements.

Range: may include but not limited to – securing accident scene, scene examination, photograph, sketch or diagram of site, gathering facts from any witness, identifying all hazards involved, identifying all people involved, assessing controls, examining materials, examining equipment, referring to existing records.

- 4.2 Assistance supports the identification of cause/s and underlying factors relating to the accident.

Planned review date	31 December 2019
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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 2004	31 December 2016
Review	2	19 February 2015	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>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Infrastructure ITO qualifications@infrastructureito.org.nz if you wish to suggest changes to the content of this unit standard.