

Title	Describe health and safety procedures and explain risk assessment for an infrastructure worksite		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to describe health and safety procedures and explain risk assessment for an infrastructure worksite.
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Classification	Infrastructure Works > Generic Infrastructure Works
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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.
- 3 **Definitions**
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.
Risk assessment refers to identify, assess, control, monitor and review.
Risks refer to confined spaces, working at heights, working around hazardous materials, banned plant items, lockout and tagout, hot work, services, ground conditions, access, egress, housekeeping, traffic and pedestrians, plant, working at height, working around moving plant and equipment, gas, water, electricity.

Outcomes and performance criteria

Outcome 1

Describe health and safety procedures on an infrastructure worksite.

Performance criteria

- 1.1 Procedures to manage personal health on the worksite are described.
- Range sun safety, vibration, noise, hydration, stress, fit and alert, health and well-being training, personal hygiene, reporting.
- 1.2 Procedures to manage personal safety during a work activity are described.
- Range toolbox meetings, planning, manual handling and lifting, trips and falls, tool safety, personal protective equipment, hazards, safety signage, safety training, communication channels, tidy workspace free from hazards, worksite induction, safety signage, reporting, speaking up.
- 1.3 Procedures for working at height are described in terms of ensuring the safety of self and others on the worksite.
- Range limit of competency, equipment training, equipment fit for purpose, operational procedures, site safety plan, worksite conditions, permits.
- 1.4 Procedures for exposure to and handling of flammable and hazardous substances on the worksite are described.
- Range storage, training, safety data sheets (SDS), location of safety information, communicating unsafe behaviours.
- 1.5 Procedures for worksite emergencies are described.
- Range communication, training, site evacuation, personal responsibilities, signage, emergency equipment use.
- 1.6 Procedures for site operations are described for the worksite.
- Range permit to work, SDS, training for working around plant, fit for purpose, radio communications, safe conditions, eye contact, signals, signage, identifying risk.
- 1.7 Procedures for managing traffic and pedestrians on the worksite are described.
- Range identifying unsafe conditions, traffic controls, plant or equipment manoeuvres, signage, driver safety and awareness.
- 1.8 Procedures for safety in confined or restricted spaces on the worksite are described.
- Range permit to work, training, signs and symbols, access and egress points, supervision, monitoring conditions, types of risk in confined spaces.

Outcome 2

Explain risk assessment for an infrastructure worksite.

Performance criteria

- 2.1 Risks for the worksite are explained in terms of how they can cause harm.
- 2.2 Measures to control the risks are explained in accordance with the site safety plan.
- 2.3 Methods to monitor and review the risks are explained in terms of the site safety plan.

Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	29 July 2021	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 Industry Training Organisation qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.