

Title	Apply and assess strategies for reducing risks and preventing injury on construction sites		
Level	4	Credits	4

Purpose	<p>People credited with this unit standard are able to apply and assess strategies for reducing the actual and potential risk and preventing injury due to personal and external risks factors on building and construction sites.</p> <p>This unit standard is for people who wish to act as Safety Supervisors or become involved in health and safety and injury prevention over a wide range of building and construction activities and environments.</p>
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Classification	Construction > Construction Health and Safety, and Injury Prevention
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Available grade	Achieved
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Guidance Information

- For the purpose of this unit standard the focus for *injury* is:
 - Injury* is the outcome of an unintentional event or accident as opposed to the outcome of an intentional event.
 - Injury* can occur over a relatively short time frame, typically seconds, or over an extended timeframe, where in either case a harmful outcome was not sought.
 - Injury* events are not random and do not fit dictionary definitions of “accident” (e.g. occurring by chance).
- External factors* include a wider range than those provided in the range statements, however assessment need not include all of the wider range but examples can be drawn from it.
 - Social* – family, community, politics, work support, financial, sport and leisure activities.
 - Process or Task* – training, information, nature of task, frequency of task, control, complexity, working alone.
 - Environment* – weather, climate, terrain, site, isolation.
 - Vehicles, machinery, and equipment* – instructions, codes of practice, condition maintenance, power source, suitability, and type.
- Strategies should include solutions to reduce the impact of identified risk. This should include social, economic, workplace and environmental risks. Solutions should include information, education, training and task planning which may address personal or social risk factors as well as controls such as elimination, isolation, and minimisation required by the Health and Safety in Employment Act 1992 (HSE).

Evaluation of the health and safety status and the identification of health and safety needs of the employee, employee group and the work environment.

- 4 The assessment or impact evaluation of strategies is a requirement of this unit standard. The standard can be met by using any system or process to measure a difference as a result of applying a strategy. This may include but is not limited to: cost/benefit analysis, measure of the reduction in incidence or rate of injury, measure of increase in reporting of risk, measure of change in competency, levels of employees and improved workplace efficiency and production levels.

An understanding of the legislation that may be relevant to this unit standard includes: Health and Safety in Employment Act 1992 (HSE); Privacy Act 1993; Health Information Privacy Code 1994; Human Rights Act 1993.

- 5 This unit standard requires assessment in a practical work situation, on site. *On site* refers to a wide range of building and construction environments within which trade skills are required.

Outcomes and performance criteria

Outcome 1

Apply and assess strategies for reducing actual and potential personal risk factors on building and construction sites.

Performance criteria

- 1.1 The strategies to prevent individual actual and potential psychological risk factors are applied and assessed in terms of reduction of risk and prevention of injury.
- Range personal risk factors include but are not limited to – mental state, emotional state, attitudes, relationships.
- 1.2 The strategies to prevent individual actual and potential physical risk factors are applied and assessed in terms of reduction of risk and prevention of injury.
- Range external risk factors include but are not limited to – physical condition, age and experience, sensory deficiency, ability to communicate, and the handling and knowledge of tools, materials, equipment, vehicles, machinery, electrical, solvents and adhesives.

Outcome 2

Apply and assess strategies for reducing actual and potential external risk factors on building and construction sites.

Performance criteria

- 2.1 The strategies to influence the physical or psychological behaviour, potential or actual of others, are applied in terms of how they reduce risk and prevent injury.
- Range an individual or group that may include but is not limited to – employers, employees, families, industry, business and community groups. (Refer special notes).
- 2.2 The strategies to manage external risks are applied and assessed in terms of how they reduce risks and prevent injury.
- Range external risk factors include but are not limited to – alcohol and drugs, ergonomics, environmental, financial, the handling and knowledge of tools, materials, equipment, vehicles, machinery, electricity, solvents and adhesives. (Refer special notes).
- 2.3 The strategies to manage the combinations of external and personal risk factors are applied and assessed in terms of reduction of risk and prevention of injury.

Outcome 3

Evaluate the strategies and their application.

Performance criteria

- 3.1 The evaluation determines whether the initial strategies were appropriate to establish the personal and external risk factors.
- 3.2 The evaluation determines whether the application methods selected and used were appropriate for the strategy developed.
- 3.3 The evaluation determines whether steps taken in the strategy process were appropriate (refer special notes) from which to develop the assessment and application for reducing actual and potential risk factors.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 May 1999	31 December 2024
Revision	2	12 February 2003	31 December 2024
Review	3	25 August 2022	31 December 2024

Consent and Moderation Requirements (CMR) reference

0048

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.