
**CONSTRUCTION HEALTH AND SAFETY,
AND INJURY PREVENTION**
**Describe strategies for preventing injury
on construction sites**

level:	3
credit:	3
planned review date:	December 2003
sub-field:	Construction
purpose:	<p>People credited with this unit standard are able to describe strategies to reduce actual and potential personal and external risk factors and prevent injury 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>
entry information:	Open.
accreditation option:	Evaluation of documentation and visit by NZQA and industry.
moderation option:	A centrally established national moderation system has been set up by the Building and Construction Industry Training Organisation.

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special notes:

- 1 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).

- 2 *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.

- 3 *On site* refers to a wide range of building and construction environments within which trade skills are required.

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Elements and Performance Criteria

element 1

Describe strategies to reduce actual and potential personal risk factors and prevent injury on building and construction sites.

performance criteria

1.1 The strategies to prevent the individual's actual and potential psychological risk factors are identified and described 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, and relationships.

1.2 The strategies to prevent the individual's actual and potential physical risk factors are identified and described 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 of the injured person, sensory deficiency, ability to communicate, and the handling and knowledge of tools, materials, equipment, vehicles, machinery, electrical, solvents and adhesives.

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element 2

Describe strategies to reduce actual and potential external risk factors and prevent injury on building and construction sites.

performance criteria

- 2.1 The strategies to influence the physical or psychological behaviour, potential or actual, of others is described in terms of reduction of risk and prevention of injury on building and construction sites.
- Range: factors that may include but are not limited to - external risk factors.
- 2.2 The strategies to prevent external risks are described in terms of the reduction of risk and prevention of 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.
- 2.3 The strategies to control the combination of external and personal risk factors are described in terms of the reduction of risk and prevention of injury.

Comments on this unit standard

Please contact the Building and Construction Industry Training Organisation bcitocs@xtra.co.nz if you wish to suggest changes to the content of this unit standard.

Please Note

Providers must be accredited by the Qualifications Authority or a delegated inter-institutional body before they can register credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by the Qualifications Authority before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

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Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for providers wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

This unit standard is covered by AMAP 0048 which can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.