
**CONSTRUCTION HEALTH AND SAFETY,
AND INJURY PREVENTION**
**Describe risk factors that contribute to
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 identify and describe the risk factors that contribute to injury on building and construction sites, and demonstrate knowledge of the economical, physical and psychological consequences of injury.</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

Identify and describe the risk factors that contribute to injury on building and construction sites.

performance criteria

- 1.1 Personal risk factors are identified and described in terms of how they influence the circumstances of the injury.
- Range: personal risk factors include but are not limited to - mental state, emotional state, attitudes, relationships, physical condition and abilities of the person, age and experience, sensory deficiency.
- 1.2 External risk factors are identified and described in terms of how they influence the circumstances of injury.
- Range: external risk factors may include but are not limited to - alcohol and drugs, ergonomics, environmental, financial and the handling and knowledge of tools, materials, equipment, vehicles, machinery, electricity, solvents and adhesives.
- 1.3 The effects of the combinations of personal and external risk factors are identified and described in terms of how they influence the circumstances of the injury.

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element 2

Demonstrate knowledge of the economical, physical and psychological consequences of injury.

performance criteria

- 2.1 The economical, physical and psychological consequences of injury are described in terms of legal and social implications for the person.
- 2.2 The economical, physical and psychological consequences of injury are described in terms of all those affected.

Range: those affected may include but are not limited to - employers, employees, families, industry, business and community sectors.

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.

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>.