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**CONSTRUCTION HEALTH AND SAFETY,  
AND INJURY PREVENTION**  
**Implement on site hazard identification  
and hazard management on  
construction sites**

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<b>level:</b>	<b>4</b>
<b>credit:</b>	<b>5</b>
<b>planned review date:</b>	December 2003
<b>sub-field:</b>	Construction
<b>purpose:</b>	<p>People credited with this unit standard are able to: assess the organisation's methods for on site hazard identification; identify on site hazards; assess the significance of the identified hazards; implement significant hazard control methods on site; and monitor hazard management on site.</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>
<b>entry information:</b>	Open.
<b>accreditation option:</b>	Evaluation of documentation and visit by NZQA and industry.
<b>moderation option:</b>	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 *Compliance* is required with the hierarchy of controls outlined in the Health and Safety in Employment Act 1992 (HSE), i.e: elimination of significant hazards, isolation of significant hazards when elimination is not practicable, and minimisation of significant hazards where elimination and isolation are not practical.
- 2 *All practical steps* means all steps to achieve the result that it is reasonably practicable to take in the circumstances, having due regard to: nature and severity of the harm; current state of knowledge about that harm; current state of knowledge about the means available to achieve the result and availability and cost of each of those means.
- 3 *Hazards* refer to those occurrences, processes, substances or situations as determined by the supervisor that are an actual or potential cause or source of harm associated with, but not limited to: process, activities, environment, equipment, materials, work organisation, site and facilities. Contributing factors may include noise, vibration, temperature, pressure and mechanical, ergonomic stressors, chemical agents.
- 4 *Codes of Practice* refers to any issued code of practice approved by the Minister of Labour under Section 20 of the Health and Safety in Employment Act 1992 (HSE) and any work carried out in accordance with that code.
- 5 *Standards* refer to any New Zealand or other Standards that provide technical guidance and specifications. Standards may also be specified in Regulations.

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- 6 *Guidelines* refer to any information on health and safety produced by the Occupation Safety and Health Service of the Department of Labour or the Accident Compensation Corporation for the provision of health and safety in the building and construction industry. The guidelines are referenced to Regulations, situations or hazards, and may be based on relevant sections of the Health and Safety in Employment Act 1992, Health and Safety in Employment Regulations 1995, Standards contained in former legislation, or accepted good practice and supportive information.
- 7 *Legislation* relevant to this unit standard includes, but is not limited to the: Health and Safety in Employment Act 1992 (HSE) and Health and Safety in Employment Regulations 1995, specifically, the definitions referring to Construction Work and Notifiable Work; Human Rights Act 1993; Privacy Act 1993; Local Government Act 1974; Resource Management Act 1991; Building Act 1991.
- 8 *Safety Supervisor* is defined as a person recognised as a health and safety practitioner pertaining to the building and construction industry and/or trades.
- 9 *Organisation* may refer to any business engaging, controlling or employing, people in a building and construction environment.

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- 10 *Site Safety Plan* is defined as a building and construction work site specific document that demonstrates an organisation's means of compliance with the Health and Safety in Employment Act 1992 and includes but not limited to the following:
- assignment of responsibilities for on site implementation;
  - hazard identification methods;
  - accident investigation and report methods;
  - site emergency procedures;
  - site communication strategy;
  - strategy for the coordination of on site trade activities;
  - site audit procedures.
- 11 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.

## **Elements and Performance Criteria**

### **element 1**

Assess the organisation's methods for on site hazard identification.

### **performance criteria**

- 1.1 Organisation methods for hazard identification are verified through assessment activity.

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- 1.2 The assessment determines whether the implemented methods are appropriate for the organisation's requirements.
- 1.3 The assessment determines whether the methods used for on site hazard identification meet compliance requirements.

**element 2**

Identify on site hazards.

**performance criteria**

- 2.1 Hazard assessment identifies the exposure of workers to hazards arising in or near the workplace from work practices and conditions.
- Range: methods of assessment include but are not limited to - interviews with management and workers, inspection of workplace and work processes and assessment of related documentation; may include but is not limited to - assessment of-site, building construction areas such as floor surfaces, pedestrian passageways, platforms and scaffolding, ladders, stairs, access and egress, roadways, lighting, noise exposure, ventilation and extraction systems, ergonomic factors, stacking and storage, chemicals and fuels, waste disposal, equipment, tools, guarding, pressurised pneumatic and hydraulic systems, electrical systems, products and materials on site, controls, Accident Compensation Corporation records.
- 2.2 The identified hazards are documented in relation to work practices, activity and conditions, and organisation's operations.

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**element 3**

Assess the significance of the identified hazards.

**performance criteria**

- 3.1 Hazards are classified according to the risk of severity of harm.
- 3.2 Significant hazards are documented in accordance with organisational requirements to ensure compliance with the legislation relating to those significance hazards.

**element 4**

Implement significant hazard control methods on site.

**performance criteria**

- 4.1 Significant hazard controls are implemented according to organisational requirements to ensure compliance with legislation.

**element 5**

Monitor hazard management on site.

**performance criteria**

- 5.1 The extent of monitoring needed is determined according to the significance of the hazards identified.
- 5.2 Monitoring and review of hazards is implemented to ensure on-going safety.

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- 5.3 Monitoring of employee health and safety in relation to exposure to a hazard is undertaken with employee informed consent.
- 5.4 Results of monitoring of any employee's exposure to hazards or that person's workplace are produced in compliance with the Health and Safety in Employment Act 1992 (HSE) and must also comply with the Human Rights Act 1993 and the Privacy Act 1993.

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**Comments on this unit standard**

Please contact the Building and Construction Industry Training Organisation [bcitocs@xtra.co.nz](mailto: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>.