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**DEMOLITION**  
**Select, use, and maintain hand tools in  
demolition work**

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<b>level:</b>	<b>2</b>
<b>credit:</b>	<b>3</b>
<b>planned review date:</b>	November 2005
<b>sub-field:</b>	Civil Works and Services
<b>purpose:</b>	People credited with this unit standard are able to select and use hand tools to perform demolition work and maintain hand tools.
<b>entry information:</b>	Open.
<b>accreditation option:</b>	Evaluation of documentation by NZQA and industry.
<b>moderation option:</b>	A centrally established and directed national moderation system has been set up by Infrastructure ITO.
<b>special notes:</b>	<p>1 Definitions <i>routine maintenance</i> - maintenance which does not require the services of a qualified service technician; <i>manufacturer's guidelines</i> - the documentation provided by the manufacturer relating to use and care of the equipment; <i>workplace</i> - building and construction environments where demolition skills are required, including single or multi-storey structures; <i>workplace practice</i> - must meet codes of practice and documented site safety procedures for personal, product, and worksite safety when using hand tools. In the event that documented site safety procedures are not available, work practices must conform with the requirements of the Health and Safety in Employment Act 1992, the Occupational Safety and Health Service of the Department of Labour <i>Approved Code of Practice for Demolition, 1994</i>, the Electrical Regulations 1997 - and Codes of Practice and their subsequent amendments. Contact information for the Occupational Safety and Health Service of the Department of Labour can be found on their web site <a href="http://www.osh.govt.nz">http://www.osh.govt.nz</a></p>

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- 2 The following legislation, codes, specifications, and their subsequent amendments must be complied with:
- Building Act 1991;
  - Hazardous Substances and New Organisms Act 1996;
  - Health and Safety in Employment Act 1992;
  - Health and Safety in Employment (Asbestos) Regulations 1998;
  - Health and Safety in Employment Regulations 1995;
  - Historic Places Act 1993;
  - Resource Management Act 1991;
  - Building Regulations 1992;
  - Toxic Substances Regulations 1983;
  - New Zealand Statutes, Statutory Regulations and Local and Private Acts can be found on the Interim Website of New Zealand Legislation <http://www.legislation.govt.nz>
  - Approved Code of Practice for Demolition*, 1994, Occupational Safety and Health Service of the Department of Labour;
  - Approved Code of Practice for the Safe Erection and Use of Scaffolding*, 1995, Occupational Safety and Health Service of the Department of Labour;
  - Guidelines for the Management and Removal of Asbestos*, 1999, Occupational Safety and Health Service of the Department of Labour;
  - Approved Code of Practice for the Management of Substances Hazardous to Health (MOSHH) in the Place of Work*, 1997, Occupational Safety and Health Service of the Department of Labour, contact information for the Occupational Safety and Health Service of the Department of Labour can be found on their web site <http://www.osh.govt.nz>
  - BS: 6187:2000 *Code of practice for demolition*, contact information for British Standards Institute can be found on their web site <http://www.bsi.org.uk/index.xalter>
  - AS/NZS 4576:1995 *Guidelines for scaffolding*;
  - NZS 4203:1992 *General Structural Design and Design Loadings for Buildings*;
  - NZS 6803:1999: *Acoustics - Construction Noise*, contact information for Standards New Zealand can be found on their web site <http://www.standards.co.nz/index.asp>

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AS 2601-2001 *Demolition of Structures*, contact information for the Standards Australia and joint AS/NZ standards can be found on the web site <http://www.standards.com.au/catalogue/Script/search.asp>  
Contract documents.

- 3 The following hand tools are covered by this unit standard - measuring tapes, claw hammer, wood saws, hacksaw, cutting knife, chisels, screwdrivers, levels, crow bar, wrecking bar, plumb bob, nippers, spanners, pliers, snips, chalk and string, liners, vices, clamps, wrenches.

## **Elements and Performance Criteria**

### **element 1**

Select and use hand tools to perform demolition work.

#### **performance criteria**

- 1.1 Hand tools are selected for their specified use.
- 1.2 Hand tools are used to perform the activity or process in accordance with workplace practice.

### **element 2**

Maintain hand tools.

#### **performance criteria**

- 2.1 Cutting edges and points are maintained in accordance with manufacturer's guidelines.
- 2.2 Tools are routinely maintained to ensure they remain in working order and are free of rust and dirt in accordance with workplace practice.

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- 2.3 Damaged and broken tools are repaired or faults reported in accordance with workplace practice.

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**Comments on this unit standard**

Please contact Infrastructure ITO [askus@infratrains.co.nz](mailto:askus@infratrains.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 0101 which can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.