Demonstrate knowledge of portable power tools used on construction sites

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<th>Level</th>
<th>3</th>
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<tr>
<td>Credits</td>
<td>4</td>
</tr>
</tbody>
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**Purpose**  
People credited with this unit standard are able to demonstrate knowledge of portable power tools used on construction sites.

**Subfield**  
Construction Trades

**Domain**  
Carpentry Theory

**Status**  
Registered

**Status date**  
25 January 2008

**Date version published**  
25 January 2008

**Planned review date**  
31 December 2012

**Entry information**  
Open.

**Replacement information**  
This unit standard and unit standard 13039 replaced unit standard 601.

**Accreditation**  
Evaluation of documentation and visit by NZQA and industry.

**Standard setting body (SSB)**  
Building and Construction Industry Training Organisation

**Accreditation and Moderation Action Plan (AMAP) reference**  
0048


**Special notes**

1. **Definition**  
*Portable power tools*, for the purpose of this unit standard, are tools which can be carried by hand as opposed to fixed machinery such as bench saws or drill presses. These tools may be battery powered, plug-in, compressed gas or air powered, or powder actuated.

2. **Credit for this unit standard indicates compliance with industry practice.** *Industry practice* refers to the ability to demonstrate knowledge that reflects the uniformity, finish quality and material economies currently accepted within industry.

### Elements and performance criteria

#### Element 1

Demonstrate knowledge of portable power tools used on construction sites.

**Range** circular saw, jig-saw, reciprocating saw, planer, drill, screw driver, hammer drill, belt sander, orbital sander, router, disc grinder, compressed air nail gun, powder-actuated fastening tool, gas powered nail gun, bench grinder, hammer drill/breaker.

**Performance criteria**

1.1 The use of portable power tools is described in terms of the manufacturer’s instructions.

1.2 The setting up of portable power tools is described in accordance with manufacturer’s instructions.

1.3 Care and maintenance of portable power tools is described as recommended by the manufacturer’s instructions.

**Range** blades, knives, bits, cutting edges, adjustment, cleaning, power source, guards.

1.4 Portable power tools are described in terms of their health and safety requirements.

**Range** identification of hazards and controls, testing and tagging, any required certificates of competency, injury to users and others, damage to materials and portable power tools, electrical protection.

**Please note**

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA 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 organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Building and Construction Industry Training Organisation national.office@bcito.org.nz if you wish to suggest changes to the content of this unit standard.