

Title	Safely use and maintain portable power tools and attachments for construction work on site		
Level	3	Credits	8

Purpose	People credited with this unit standard are able to select and safely use portable power tools and attachments, and maintain portable power tools and attachments in safe working order on site.
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Classification	Construction Trades > Carpentry
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Available grade	Achieved
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Guidance Information

- 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 For all *on site* unit standards the practical assessment evidence must be provided in the context of commercial business construction operations, in the workplace, under normal workplace conditions.
- 3 A Certificate of Competence is required for the use of a powder actuated fastening tool.
- 4 Credit for this unit standard indicates compliance with industry practice. *Industry practice* refers to the ability to demonstrate knowledge and skills that reflect the productivity, uniformity, finish quality and material economies currently accepted within industry.
- 5 Legislation relevant to this unit standard includes: Health and Safety in Employment Act 1992 and Health and Safety in Employment Regulations 1995; Approved Code of Practice for Powder Actuated Hand-Held Fastening Tools, available from Department of Labour, (<http://www.osh.govt.nz/order/catalogue/16.shtml>).

Outcomes and performance criteria

Outcome 1

Select and safely use portable power tools and attachments.

Range powder actuated fastening tool;
one of – compressed air nail gun, gas powered nail gun;
eight of – circular saw, jigsaw, reciprocating saw, planer, drill, screwdriver,
hammer drill, belt sander, orbital sander, router, disc grinder, bench grinder,
hammer drill/breaker.

Performance criteria

1.1 Tools and attachments are selected in terms of identified work operations.

1.2 Tools and attachments are set up and used in accordance with manufacturer's instructions, work operations and the employer's safety procedures.

Range guards, fences, adjustment, power source, electrical safeguards.

1.3 Portable mechanically powered nailers are set up and used in accordance with manufacturer's instructions and employer's safety procedures.

1.4 Powder actuated fastening tools are set up and used in accordance with manufacturer's instructions, legislative requirements, approved code of practice and the employer's safety procedures.

Range certificate of competency for type of tool.

1.5 Tools and attachments are used without injury to personnel and without damage to equipment or work.

Range guards, fences, personal protective equipment, power source, electrical safeguards.

Outcome 2

Maintain portable power tools and attachments in safe working order on site.

Performance criteria

2.1 Power tools are maintained, tested and tagged in accordance with manufacturer's instructions and the employer's safety procedures.

2.2 The sharpness of cutting bits, blades, knives and cutters is confirmed before use.

2.3 Cutting bits, blades, knives and attachments are selected and changed when required in accordance with manufacturer's instructions, job requirements and the employer's safety procedures.

Replacement information	<p>This unit standard and unit standard 13000 replaced unit standard 601.</p> <p>This unit standard, unit standard 13037 and unit standard 13038 were replaced by unit standard 32462.</p>
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 May 1999	31 December 2023
Review	2	26 February 2002	31 December 2023
Review	3	25 January 2008	31 December 2023
Review	4	30 September 2021	31 December 2023

Consent and Moderation Requirements (CMR) reference	0048
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.