

<b>Title</b>	<b>Select, describe, use, and maintain tools for plumbing or drainlaying jobs</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	<p>This unit standard has been designed to be achieved in a plumbing or drainlaying context.</p> <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> <li>– select and describe hand tools used for plumbing or drainlaying jobs;</li> <li>– use hand tools for the completion of plumbing or drainlaying jobs;</li> <li>– maintain plumbing or drainlaying hand tools;</li> <li>– select and describe portable power tools for plumbing or drainlaying jobs;</li> <li>– use portable power tools for work on plumbing or drainlaying jobs; and</li> <li>– maintain plumbing or drainlaying portable power tools.</li> </ul>
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<b>Classification</b>	Plumbing, Gasfitting and Drainlaying > Core Plumbing, Gasfitting, and Drainlaying
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<b>Available grade</b>	Achieved
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## Guidance Information

- 1 Legislation, regulations and/or industry standards relevant to this unit standard includes but are not limited to:  
Health and Safety at Work Act 2015;  
Health and Safety at Work Regulations 2016.

Any new, amended or replacement referenced standards, codes of practice, guidelines, Building Code Acceptable Solutions and Verification Methods, or authority requirements affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.

- 2 Definitions

*Plumbing or drainlaying environment* refers to any workplace or context where work or activities related to the plumbing or drainlaying trades sector take place, such as school workshops, training establishments, outdoor areas, and industry placement workplaces.

*Plumbing or drainlaying jobs* refer to work undertaken in a plumbing or drainlaying environment under general supervision, using a range of tools, equipment and materials, and involving standard processes.

*Power tools* refer to electric or battery powered tools.

*Workplace practice* refers to procedures specific to a plumbing or drainlaying environment, which cover the standard and required practices of that environment.

### 3 Assessment information

Assessment against this unit standard may occur in any plumbing or drainlaying environment. Evidence may be gathered from either environment to meet the requirements below.

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## Outcomes and performance criteria

### Outcome 1

Select and describe hand tools used for plumbing or drainlaying jobs.

Range at least three different hand tools.

#### Performance criteria

- 1.1 Select hand tools to meet identified job requirements.
- 1.2 Describe the safe use of each hand tool in terms of the work to be completed and personal protective equipment to be used.
- 1.3 Describe reporting requirements for damaged, blunt, or faulty hand tools in accordance with workplace practice.

### Outcome 2

Use hand tools for the completion of plumbing or drainlaying jobs.

Range at least three different hand tools.

#### Performance criteria

- 2.1 Use hand tools safely to complete work, in accordance with job requirements, manufacturer instructions, and materials being used.

### Outcome 3

Maintain plumbing or drainlaying hand tools.

Range at least three different hand tools.

#### Performance criteria

- 3.1 Keep hand tools clean, and store and maintain them in accordance with manufacturer instructions and workplace practice.

**Outcome 4**

Select and describe portable power tools for plumbing or drainlaying jobs.

Range at least three different portable power tools.

**Performance criteria**

- 4.1 Select portable power tools to meet identified job requirements.
- 4.2 Describe the use of selected portable power tools in terms of work to be completed.
- 4.3 Describe the safe use of selected portable power tools in accordance with manufacturer instructions and workplace safety requirements.
- 4.4 Describe reporting requirements for damaged or faulty portable power tools, in accordance with workplace practice.

**Outcome 5**

Use portable power tools for work on plumbing or drainlaying jobs.

Range at least three different portable power tools.

**Performance criteria**

- 5.1 Inspect, set up, and use portable power tools in accordance with manufacturer instructions, safety requirements, and workplace practice.
- 5.2 Use portable power tools to complete work to meet job requirements.

**Outcome 6**

Maintain plumbing or drainlaying portable power tools.

**Performance criteria**

- 6.1 Demonstrate maintenance procedures in accordance with manufacturer instructions and workplace practice.
- 6.2 Keep portable power tools clean, and store and maintain them in accordance with manufacturer instructions and workplace practice.

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<b>Replacement information</b>	This unit standard replaced unit standard 1120, unit standard 1121, unit standard 2136, and unit standard 2137.
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<b>Planned review date</b>	31 December 2029
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 October 2017	31 December 2028
Review	2	30 May 2024	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0003
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

#### Comments on this unit standard

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council [qualifications@waihangaararau.nz](mailto:qualifications@waihangaararau.nz) if you wish to suggest changes to the content of this unit standard.