

<b>Title</b>	<b>Determine job requirements for plumbing, gasfitting, or drainlaying</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	<p>This unit standard is for people who work, or intend to work in the plumbing, gasfitting, or drainlaying industries.</p> <p>People credited with this unit standard are able to: determine requirements for a plumbing, gasfitting, or drainlaying job; and determine quantities from given plans/quantity schedules.</p>
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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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<b>Entry information</b>	
<b>Critical health and safety prerequisites</b>	<p>Unit 1099, <i>Excavate and trench for plumbing, gasfitting, or drainlaying</i>; or demonstrate equivalent knowledge and skills.</p> <p>Candidates who are working within the jurisdiction of the Plumbers, Gasfitters and Drainlayers Board must hold a current drainlaying limited certificate or exemption for drainlaying under supervision as issued under the Plumbers, Gasfitters and Drainlayers Act 2006.</p>

### Explanatory notes

- 1 Legislation relevant to this unit standard includes but is not limited to:  
 Health and Safety in Employment Act 1992  
 Building Act 2004  
 Resource Management Act 1991.

Any legislation superseding the above will apply, pending review of this unit standard.

- 2 Evidence may be from simulation. It is recommended that a small job be used, not exceeding one day's duration.

3 Definitions

*Job specifications*, for the purposes of this unit standard, refer to instructions (oral, written, graphic) and may include any of the following: manufacturers' instructions; design drawing detail specifications; specifications from a specialist source such as an architect, designer, engineer, or a supervisor; and site or work specific requirements. Where job specifications are in conflict with applicable legislation, standards, and/or codes, such legislation, standards, and/or codes shall take precedence for the purpose of assessment.

*Organisational procedures*, for the purposes of this unit standard, refer to procedures of the candidate's employing organisation.

**Outcomes and evidence requirements**

**Outcome 1**

Determine requirements for a plumbing, gasfitting, or drainlaying job.

**Evidence requirements**

1.1 Job specifications are received from the supervisor and/or the client in accordance with organisational procedures.

Range oral and/or written.

1.2 Job specifications are clarified and verified with supervisor and/or client in accordance with organisational procedures.

1.3 Material quantities are calculated in accordance with job specifications.

1.4 Time to complete the job is estimated in accordance with job specifications and skill level of person or persons carrying out the job.

1.5 Equipment hireage is determined in accordance with job specifications.

**Outcome 2**

Determine quantities from given plans/quantity schedules.

**Evidence requirements**

2.1 Quantities are determined accurately.

<p><b>Replacement information</b></p>	<p>This unit standard and unit standard 21882 were replaced by unit standard 30526, unit standard 30527, unit standard 30528, and unit standard 30529.</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	25 October 2007	31 December 2022
Review	2	15 March 2012	31 December 2022
Review	3	28 September 2017	31 December 2022

<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>.

**Please note**

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR 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.

This unit standard is expiring