

Title	Demonstrate knowledge of conservation and environment practices relevant to a licensed plumber, gasfitter or drainlayer		
Level	3	Credits	2

Purpose	<p>This unit standard covers conservation and environmentally considerate practices in relation to plumbing, gasfitting or drainlaying. It is intended for use in the training of licensed plumbers, gasfitters or drainlayers.</p> <p>People credited with this unit standard are able to demonstrate knowledge of processes for: protecting the environment by conservation and environmentally-considerate practices when plumbing, gas or drainage systems are being installed; and sustaining the potential of resources for future generations by conservation and environmentally-considerate processes when plumbing, gas or drainage systems are being installed.</p>
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Classification	Plumbing, Gasfitting and Drainlaying > Core Plumbing, Gasfitting, and Drainlaying
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Available grade	Achieved
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Explanatory notes

- 1 Legislation, standards, codes, and guides applicable to this unit standard include but are not limited to:
 - Plumbers, Gasfitters, and Drainlayers Act 2006
 - Health and Safety in Employment Act 1992
 - Building Act 2004
 - Resource Management Act 1991
 - Local Government Act 2002
 - Health Act 1956
 - Plumbers, Gasfitters, and Drainlayers Regulations 2010
 - Approved *Code of Practice for Excavation and Shafts for Foundations* (Wellington: Department of Labour, 1995) (available at <http://www.osh.govt.nz/order/catalogue>)
 - Guide for Safety with Underground Services* (Wellington: Department of Labour, 2002) (available at <http://www.osh.govt.nz/order/catalogue>)
 - New Zealand Building Code Clause B2 Durability, and any related compliance documents (available at <http://www.dbh.govt.nz>)
 - New Zealand Building Code Clause G14 Industrial Liquid Waste, and any related compliance documents (available at <http://www.dbh.govt.nz>)
 - Local body regulations
 - Gazette notices
 - Project Information Memorandum
 - Certificate of Title.

Any legislation, standard, code, or guide superseding any of the above will apply, pending review of this unit standard.

2 Definition

Regulatory requirements, for the purpose of this unit standard, refer to applicable legislation, standards and codes.

- 3 The scope and depth of this unit standard are as contained in *Drainlaying Essential Skills* (Wellington: Plumbing, Gasfitting, Drainlaying and Roofing Industry Training Organisation Ltd, 2011 available at <http://www.skills.org.nz>).

Outcomes and evidence requirements

Outcome 1

Demonstrate knowledge of processes for protecting the environment by conservation and environmentally-considerate practices when plumbing, gas or drainage systems are being installed.

Evidence requirements

- 1.1 Answers and references to regulatory requirements are presented in response to questions regarding conservation and environmentally-considerate processes used to prevent pollution of environment from plumbing, gas or drainage systems consistent with the intent of the Resource Management Act 1991.
- 1.2 Regulatory requirements regarding prevention of pollution of environment are applied to given scenarios within the scope of work carried out by licensed plumbers, gasfitters or drainlayers that are consistent with the intent of the Resource Management Act 1991.

Outcome 2

Demonstrate knowledge of processes for sustaining the potential of resources for future generations by conservation and environmentally-considerate processes when plumbing, gas or drainage systems are being installed.

Evidence requirements

- 2.1 Answers and references regulatory requirements are presented in response to questions regarding conservation and environmentally-considerate practices used to sustain the potential of resources for future generations in relation to plumbing, gas or drainage systems that are consistent with the intent of the Resource Management Act 1991.
- 2.2 Regulatory requirements regarding conservation and environmentally-considerate practices used to sustain the potential of resources for future generations are applied to given scenarios within the scope of work carried out by licensed plumbers, gasfitters or drainlayers consistent with the intent of the Resource Management Act 1991.

Planned review date	31 December 2017
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15 March 2012	N/A

Consent and Moderation Requirements (CMR) reference	0008
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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.

Comments on this unit standard

Please contact The Skills Organisation at info@skills.org.nz if you wish to suggest changes to the content of this unit standard.