

Title	Perform drain maintenance		
Level	3	Credits	5

Purpose	<p>This unit standard is for people who work in the drainlaying industry.</p> <p>People credited with this unit are able to: identify drain defects and their rectification; clear, repair and replace defective drains; carry out backfilling and clear the site; and work safely and with care.</p>
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Classification	Plumbing, Gasfitting and Drainlaying > Drainlaying
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Available grade	Achieved
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Entry information	
Critical health and safety prerequisites	<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, 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
 Health Act 1956
 Resource Management Act 1991
 Plumbers, Gasfitters, and Drainlayers Regulations 2010
 AS/NZS 1547:2000 *On-site domestic wastewater management* (available at <http://www.standards.co.nz>)
 AS/NZS 1546.1:2008 *On-site domestic wastewater treatment units – Septic tanks* (available at <http://www.standards.co.nz>)
 AS/NZS 3500.2:2003 *Plumbing and drainage – Sanitary plumbing and drainage* (available at <http://www.standards.co.nz>)

Approved Code of Practice for Safety in 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 E1 Surface Water and any related compliance documents (available at <http://www.dbh.govt.nz>)

New Zealand Building Code Clause G12 Water Supplies and any related compliance documents (available at <http://www.dbh.govt.nz>)

New Zealand Building Code Clause G13 Foul Water and any related compliance documents (available at <http://www.dbh.govt.nz>).

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

2 Definitions

Job specifications, for the purpose 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.

Other services, for the purposes of this unit standard, refer to any existing installed services such as water, gas, electricity, or telephone network cables.

Outcomes and evidence requirements

Outcome 1

Identify drain defects and their rectification.

Evidence requirements

1.1 Defects are identified in terms of location, type, and cause.

1.2 Means of rectification is identified.

Range repair, replace, or clear.

Outcome 2

Clear, repair, and replace defective drains.

Evidence requirements

2.1 Clearing procedure ensures free flow of materials.

2.2 Drain is repaired in accordance with the drain type and job specifications.

2.3 The drain is replaced in accordance with job specifications.

2.4 The installation meets requirements of the Building Act 2004.

Outcome 3

Carry out backfilling and clear the site.

Evidence requirements

3.1 Site is backfilled, and compacted as necessary, in accordance with job specifications.

3.2 Site is cleared of construction debris and working equipment.

Outcome 4

Work safely and with care.

Evidence requirements

4.1 Practical activities are carried out avoiding harm to people and damage to property, other services, materials, tools, and equipment.

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	31 January 1994	N/A
Revision	2	19 June 1996	N/A
Revision	3	3 April 1997	N/A
Review	4	25 October 2007	N/A
Review	5	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 info@skills.org.nz if you wish to suggest changes to the content of this unit standard.