

Title	Manage installation effects of plumbing, gas or drainage systems on structures and other building services		
Level	5	Credits	4

Purpose	<p>This unit standard covers the relationship between drainage systems and other building and construction systems. It is intended for use in the training of certifying plumbers, gasfitters or drainlayers.</p> <p>People credited with this unit standard are able to: manage the relationship between plumbing, gas or drainage systems and structures and other building services in planning for plumbing, gasfitting or drainlaying work; and coordinate health and safety requirements in relation to plumbing, gas or drainage installations with those for other building services.</p>
----------------	---

Classification	Plumbing, Gasfitting and Drainlaying > Core Plumbing, Gasfitting, and Drainlaying
-----------------------	---

Available grade	Achieved
------------------------	----------

Guidance Information

- 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
 - 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 G10 Piped Services 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>)

New Zealand Building Code Clause G14 Industrial Liquid Waste 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 Definition

Building services, for the purposes of this unit standard, refer to activity in any trade other than the trade in which the candidate is working.

Outcomes and performance criteria

Outcome 1

Manage the relationship between plumbing, gas or drainage systems and structures and other building services in planning for plumbing, gasfitting or drainlaying work.

Performance criteria

1.1 Site conditions and their effect on planned plumbing, gasfitting or drainlaying work are determined.

Range may include but is not limited to – building services, building structures, other trenching, scaffolding, shoring, machinery.

1.2 A schedule of work for the plumbing, gasfitting or drainage installation is produced.

1.3 References to other building services are given.

Outcome 2

Coordinate health and safety requirements in relation to plumbing, gas or drainage installations with those for other building services.

Performance criteria

2.1 A health and safety plan for the plumbing, gas or drainage installation is prepared.

Range includes but is not limited to – induction, safety procedures, hazard identification, accident reporting procedures, procedures related to any excavation, personal protective equipment (PPE) requirements, reference to other building services.

2.2 Integration of the safety plan for plumbing, gasfitting or drainlaying services with safety plans for other building services is described.

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	15 March 2012	31 December 2021
Review	2	29 November 2018	31 December 2021

Consent and Moderation Requirements (CMR) reference

0008

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.