

Title	Demonstrate knowledge of cold water supply systems in buildings		
Level	2	Credits	2

Purpose	People credited with this unit standard are able to describe cold water supply systems in buildings and components used for cold water supply systems in buildings.
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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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Guidance Information

- 1 The New Zealand Building Code (NZBC) is a schedule to the Building Regulations 1992. It provides requirements for compliance with the Building Act 2004 when constructing a new building or altering an existing one. The NZBC sets out performance standards that building work must meet, and covers aspects such as structural stability, fire safety, access, moisture control, durability, services and facilities.
- 2 The Compliance document for the NZBC, Clause G12 *Water Supplies* is available for download on the Building Compliance website – <https://www.building.govt.nz/building-code-compliance/g-services-and-facilities/g12-water-supplies/>.

Outcomes and performance criteria

Outcome 1

Describe cold water supply systems in buildings.

Performance criteria

- 1.1 Sources of potable and non-potable water are identified in accordance with NZBC Clause G12.
- 1.2 Water supply system requirements are identified in accordance with NZBC Clause G12.

Range	minimum pipe support spacings, minimum fixture flow rates, permitted pipe materials.
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Outcome 2

Describe components used for cold water supply systems in buildings.

Range different types of cold water supply pipework, fittings and valves.

Performance criteria

2.1 Components are described in terms of their function within a water supply system in accordance with NZBC Clause G12.

2.2 Components are described in terms of their placement within a water supply system in accordance with NZBC Clause G12.

Range evidence must include a schematic drawing of a system.

Planned review date	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Status information and last date for assessment for superseded versions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	23 January 2009	31 December 2026
Review	2	12 December 2024	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>.

Comments on this unit standard

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