

## 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.

**Subfield** Plumbing, Gasfitting and Drainlaying

**Domain** Core Plumbing, Gasfitting, and Drainlaying

**Status** Registered

**Status date** 23 January 2009

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**Entry information** Open.

**Accreditation** Evaluation of documentation by NZQA.

**Standard setting body (SSB)** The Skills Organisation

**Accreditation and Moderation Action Plan (AMAP) reference** 0008

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

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### Special notes

- 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 Department of Building and Housing website – <http://www.dbh.govt.nz/>.

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## Elements and performance criteria

### Element 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 Supply system pipework layouts are described in accordance with NZBC, Clause G12.

### Element 2

Describe components used for cold water supply systems in buildings.

Range includes but is not limited to – water main, check valve, isolation valve, pressure control valve, relief valve, water tank, non return valve, water level control device, pumps.

#### 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.

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### Please note

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP 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](mailto:info@skills.org.nz) if you wish to suggest changes to the content of this unit standard.