

Title	Install inspection chambers		
Level	3	Credits	2

Purpose	<p>This unit standard is for people who work in the drainlaying industry.</p> <p>People credited with this unit standard are able to install inspection chambers.</p>
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Classification	Plumbing, Gasfitting and Drainlaying > Drainlaying
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Available grade	Achieved
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Guidance Information

- 1 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to:
- Plumbers, Gasfitters, and Drainlayers Act 2006;
 - Health and Safety at Work Act 2015;
 - Building Act 2004;
 - Resource Management Act 1991;
 - Plumbers, Gasfitters, and Drainlayers Regulations 2010.

The following standards, which are available at <http://www.standards.govt.nz>:

- AS/NZS 1547:2012 *On-site domestic wastewater management*;
- AS/NZS 1546.1:2008 *On-site domestic wastewater treatment units – Septic tanks*;
- AS/NZS 3500.2:2021 *Plumbing and drainage, Part 2: Sanitary plumbing and drainage*;
- AS/NZS 3500.3:2021 *Plumbing and drainage, Part 3: Stormwater drainage*.

The following guides, which are available at <http://www.worksafe.govt.nz/worksafe>:

- Good practice guidelines – Excavation safety*, Wellington: WorkSafe New Zealand, 2016;
- Guide for Safety with Underground Services*, Wellington: Department of Labour, 2002.

The following Building Code clauses, and any related Acceptable Solution and Verification Method documents, which are available at <https://www.building.govt.nz/>:

- New Zealand Building Code Clause E1 Surface Water;
- New Zealand Building Code Clause B2 Durability;
- New Zealand Building Code Clause G13 Foul Water;
- New Zealand Building Code Clause G14 Industrial liquid waste;

Any new, amended or replacement referenced standards, codes of practice, guidelines, Building Code Acceptable Solutions and Verification Methods, or authority requirements affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.

2 Definitions

Inspection chamber refers to a chamber with working space at ground level through which the drain passes either as an open channel or as a pipe incorporating an inspection point.

Job specifications 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.

3 Candidates must hold a current limited certificate trainee authorisation or exemption under supervision as issued under the Plumbers, Gasfitters, and Drainlayers Act 2006.

4 Range

Inspection chambers are limited to wet chambers; and may include but are not limited to – pre-cast concrete, in-situ, plastic, in-line inspection chambers, drop inspection chambers.

Outcomes and performance criteria

Outcome 1

Install inspection chambers.

Performance criteria

- 1.1 Select appropriate inspection chambers in accordance with job specifications.
- 1.2 Position inspection chambers appropriately in accordance with job specifications.
- 1.3 Install channel, invert level between inlet and outlet, benching, and risers.
- 1.4 Use appropriate methods of jointing pipework to inspection chambers according to the materials being joined.

Range may include but not limited to – loose sleeve/band clamped sleeve, plaster/epoxy mortar (epoxy resin), rubber ring, solvent.
- 1.5 Install lid and adjustment rings to align with height specified by plan or job specifications.

Replacement information	This unit standard and unit standard 30534 replaced unit standard 1116.
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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	28 September 2017	31 December 2028
Review	2	30 May 2024	N/A

Consent and Moderation Requirements (CMR) reference	0003
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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.