

Title	Describe, identify and interpret drawings for plumbing, gasfitting and drainlaying		
Level	2	Credits	4

Purpose	People credited with this unit standard are able to: describe the purpose of drawings in plumbing, gasfitting and drainlaying; and identify and interpret drawing information in plumbing, gasfitting and drainlaying.
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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

Competence for this standard is intended to be demonstrated across the range of common drawing types used on-job in plumbing, gasfitting and drainlaying contexts.

Outcomes and performance criteria

Outcome 1

Describe the purpose of drawings in plumbing, gasfitting and drainlaying.

Performance criteria

- 1.1 Different drawing types are described in terms of their varying purposes.
- Range may include – working drawing, isometric drawing, sketch, detail drawing.
- 1.2 Drawing information requirements are described in terms of different stakeholder requirements.
- 1.3 Description includes purpose of drawings in ensuring that projects are built as intended.

Outcome 2

Identify and interpret drawing information in plumbing, gasfitting and drainlaying.

Performance criteria

- 2.1 Different elevations are referenced to obtain information relevant to job requirements.
- 2.2 Title block is referenced to determine drawing information.
Range scale, drafter, date, version, project.
- 2.3 Dimensions are read from drawings in accordance with job requirements.
- 2.4 Information is interpreted using drawing symbols in accordance with job requirements.
- 2.5 Information is interpreted from drawing sections in accordance with job requirements.
Range may include dimensions, equipment lay-out, space information for running pipes, construction detail.
- 2.6 Geographic site orientation of building or related parts is interpreted relative to North.
- 2.7 Information is identified and interpreted from large scale drawing detail in accordance with job requirements.

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Status information and last date for assessment for superseded versions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.