

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.

Subfield Plumbing, Gasfitting and Drainlaying

Domain Core Plumbing, Gasfitting, and Drainlaying

Status Registered

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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>.

Special notes

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 to prepare the candidate for unit standard 21882 *Interpret drawings and specifications and draw drawings for plumbing, gasfitting, or drainlaying*.

Elements and performance criteria

Element 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 working 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.

Element 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, drafts person, 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 but is not limited to – 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.

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 if you wish to suggest changes to the content of this unit standard.