

Establish position and gradient of drains, and dig trenches for plumbing, gasfitting and drainlaying

Level 2

Credits 5

Purpose This unit standard is for people training to work in plumbing, gasfitting and drainlaying.

People credited with this unit standard are able to: establish position of a trench for drainlaying; dig the trench in the correct position; and work safely and with care.

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

1 This unit standard is an introductory unit for trainees in polytechnics or schools. Assessment must be supervised by a licensed drainlayer. It provides a background to lead on to Unit 1099, *Excavate and trench for plumbing, gasfitting, or drainlaying* and Unit 1122, *Establish line, level, and gradient for plumbing or drainlaying*.

2 **Definition**
Job specifications – refer to the documented information found in construction drawings, project specification documents, legislation, regulations and codes.

Elements and performance criteria

Element 1

Establish position of a trench for drainlaying.

Performance criteria

- 1.1 Position of trench in plan view is established from instructions and job specifications.
- 1.2 Line and gradient are established in accordance with instructions and job specifications.

Range includes check and set-up of, and accurate determination using suitable level finding equipment.

Element 2

Dig the trench in the correct position.

Performance criteria

- 2.1 Trench is dug in accordance with position established in element 1.
- 2.2 Gradient of trench is in accordance with instructions and job specifications.

Element 3

Work safely and with care.

Performance criteria

- 3.1 Practical activities are carried out avoiding harm to people and damage to property, other services, materials, tools, and equipment.

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.