

Describe building components and prepare for mounting plumbing and gasfitting equipment

Level 2

Credits 3

Purpose People credited with this unit standard are able to describe building components relevant to plumbing and gasfitting, and prepare for mounting plumbing or gasfitting equipment.

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 Assessment may be carried out in a simulated environment if workplace situations are not available to the candidate.
- 2 Definitions
Manufacturer recommendations – refer to product information and product data sheets provided by the manufacturer of any given product;
Mounting structure – may include packers, dwangs, studs, braces, beams, rafters, any existing or additional structure installed for the purpose of providing support to equipment and/or to fasten into.

Elements and performance criteria

Element 1

Describe building components relevant to plumbing and gasfitting.

Performance criteria

- 1.1 Key structural building components are identified and described in terms of their purpose in a building.
- Range includes but is not limited to – studs, dwangs, joists, rafters, beams, internal linings, external cladding, fire cells, load bearing walls.
- 1.2 Potential implications of altering components when installing plumbing and gasfitting equipment are described in terms of structural compromise.
- 1.3 The function of insulation and building foils and papers and the potential implications of alteration or removal when installing plumbing and gasfitting equipment are described in terms of insulation compromise.

Element 2

Prepare for mounting plumbing or gasfitting equipment.

Range equipment may include but is not limited to – pipework, tapwear, sink, water heater, sanitary equipment, valves, appliances; evidence is required for two pieces of equipment.

Performance criteria

- 2.1 Work area is checked and prepared in accordance with job requirements.
- Range may include but is not limited to – protecting other work, checking for hazards.
- 2.2 Position of mounting structure is located in accordance with job requirements.
- 2.3 Mounting structure is prepared in accordance with equipment manufacturer recommendations and job requirements.
- Range may include but is not limited to – preparation of packers, nogs, studs, cutting and drilling, installing additional structure.
- 2.4 Work area is cleaned and tidied 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.