



Government of **Western Australia**
Department of **Commerce**
EnergySafety

Guidelines for Gasfitting Legislation Course

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EnergySafety
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Recognition of training

It is EnergySafety policy that, where available, training be in accordance with national competencies.

To obtain recognition of the training package or course by the Director of Energy Safety for licensing purposes, a trainer needs to provide a written submission, detailing the training to be provided, to the Director of Energy Safety for consideration and endorsement.

Without the endorsement of the Director of Energy Safety, training packages or course will not be adequate for the issuing of a licence.

The submission must:

- Identify the training package/course outline and which class of gasfitting the training is intended to cover.
- List the competency units the training will cover. This list must be consistent with the EnergySafety licensing requirements and any agreements between EnergySafety and the Training Authority.
- Identify where the training topics and essential requirements listed in the guidelines will be covered in the training. Provide competency to equated requirement mapping.
- Identify the qualifications of the presenter and technical ability to deliver the training.
- Provide a list of training resources which will be used by trainees to obtain each of the gas competencies.
- Provide assessments - theory and practical; how will the student be assessed both theoretically and in the workplace or through workplace simulation. For written theory assessments supply papers with answers. Provide, where applicable, a copy of the quality delivery and assessment strategy (QDAS) document and assessment flow chart.
- Provide a reporting process (documentation that will be given at the end of the training package/course) which will state the competencies attained and the class/type of licence for which a trainee can apply. EnergySafety has recommended proformas.

For a training package/course designed to obtain a licence, a co-examiner acceptable to EnergySafety may need to be nominated to review the assessment of the trainee. This would normally take place after the Director of Energy Safety has endorsed the training.

EnergySafety reserves the right to review the delivery of training at any stage and accept or reject a qualification issued by an EnergySafety recognised training provider.

National Competencies

National competencies, where available, must be used as part of a training package, but they will need to include, or be supplemented to include, all the listed applicable Training Subjects.

Minimum literacy and numeracy requirements

For public safety and to ensure gas fitters can meet the technical standards required minimum literacy and numeracy standards must be met before a person can be deemed competent to carryout gasfitting work. Once the training provider issues the student with the agreed document identified in the training recognition process the student may be issued with a gasfitting permit. The applicant for a gasfitting permit or authorisation must have sufficient literacy and numeracy skills so that they are, in the workplace, able to independently:

- (a) read, interpret and apply regulations, industry codes, standards, and manufacturers' installation instructions;
- (b) duly complete the administration requirements of the Regulations. This includes, but is not limited to Notices of Completion and compliance badges; and
- (c) correctly calculate ventilation requirements, correctly size flueing, correctly size piping systems, and correctly plan a gas installation.

Reasonable adjustments may be made to the assessment process to meet the needs of individual applicants, but shall not reduce the minimum requirements set out in this guideline.

Assessment

Each trainee will be required to demonstrate to the trainer/assessor that they have achieved adequate knowledge to carry out gasfitting work in compliance with regulations.

Assessment methodology

The assessment of Western Australian gasfitting legislation is established in a number of ways; verbal or written questions and answers. As a minimum the trainee must demonstrate a working knowledge and understanding of regulations. The trainee must be able to demonstrate the ability to reference regulations, sections, and clauses. The trainee must have sufficient understanding of Western Australian gasfitting legislation to be able to comply with the requirements of the *Gas Standards Act 1972* and the Gas Standards (Gasfitting and Consumer Gas Installations) Regulations 1999.

Gasfitting Legislation

The aim of any training based on these guidelines should be to provide an overview of legal requirements in WA for gas installations which are subject to the *Gas Standards Act 1972* (the Act) and its regulations and workers doing or supervising gas fitting on such installations.

The target audience may include people who are or will be involved in the construction, installation, repair or maintenance of a consumer's gas installation and who have a legal or other obligation to their employer, employee, customer or statutory authority to ensure the safety of the installation and compliance with the Act and its regulations.

The Trainee shall, at the end of the training, be able to demonstrate a working knowledge of non-technical gas fitting regulations for consumer installations in WA. In particular they must be able to:

- state which act and regulations deal with a consumer's gas installation;
- identify the authority responsible for ensuring compliance with the *Gas Standards Act 1972* and its regulations;
- state the type and purpose of gasfitting licenses issued and administered by the authority;
- state and define the classes of gas fitting;
- describe the compliance process (or state compliance requirements) for:
 - new installations;
 - existing installations;
 - installations incorporating "Type B" appliances;
- outline the approvals required for "Type A" and "Type B" appliances and how they are achieved;
- state the codes and standards called up in the Gas Standards (Gasfitting and Consumer Gas Installations) Regulations 1999 and their purpose;
- state the requirements for complying with a Notice of Defects;
- outline the roles and responsibilities of the:
 - consumer;
 - employer;
 - supervising gas fitter;
 - gas fitter;
 - gas supplier;
 - authority; and
 - gas inspectors;

in relation to consumers' gas installations and gasfitting.

The Requirements for Gasfitting and Consumers' Gas Installations

The following legislation training and assessment is one of three pre-requisites for obtaining a WA gasfitting permit or authorisation. Competence in Western Australian gasfitting legislation will have to be achieved before undertaking further training to obtain a specific class of gasfitting.

Training Subjects:

- Definitions
 - Gasfitting.
 - Gas installation.
 - Consumer.
 - Type A appliance.
 - Type B appliance.
 - Mobile engine.
 - Gas fitter.
 - Classes of gasfitting.
 - Types of licence.
- Specific responsibilities.
 - Gas fitter.
 - Consumer.
 - Gas supplier.
 - Inspector.
 - The Director of Energy Safety.
- Administrative arrangements.
 - How to obtain a licence.
 - Notice of Completion.
 - Notice of Defects.
 - Compliance plates.
 - Approval marking.
 - Certificates of Approval.
 - Maintaining registers (employer/authorisation holder).
 - Inspectors' Orders.
 - Servicing stickers/record books/service log books.
- Appliances (general).
 - Type A requirements.
 - Type B requirements.
 - Modifications.
 - Conversions.

Information

EnergySafety reserves the right to reject any training package/course that it considers as not meeting an acceptable licensing outcome.

For further information, contact the Principal Engineer Gas Utilisation.

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