



GUIDE TO THE ENERGY INDUSTRY TECHNICAL/SAFETY REGULATORY FRAMEWORK ADMINISTERED BY ENERGYSAFETY

Introduction

All persons designing, constructing, operating and maintaining:

1. electricity generation, transmission and distribution systems;
2. consumers' electrical installations;
3. gas distribution systems (including in cylinders); and
4. consumers' gas installations

in Western Australia must comply with the electricity and gas technical and safety legislation administered by EnergySafety of the Department of Consumer and Employment Protection.

EnergySafety is an independent regulator through the statutory functions of the Director of Energy Safety created by Part 2 (s.5 – s.9) of the [Energy Coordination Act 1994](#). This Act also provides for the designation and powers of inspectors, through Part 3 (s.12 – s.20) and the [Energy Coordination \(General\) Regulations 1995](#), which also provide for infringement notices.

EnergySafety as an independent regulator is funded by industry in accordance with the [Energy Safety Act 2006](#) and the [Energy Safety Levy Act 2006](#).

Electrical Requirements

All electrical work must be carried out in accordance with the requirements of the [Electricity Act 1945](#) and supporting Regulations, which are the:

[Electricity \(Supply Standards and System Safety\) Regulations 2001](#)
[Electricity Regulations 1947](#)
[Electricity \(Licensing\) Regulations 1991](#)

and the [WA Electrical Requirements](#).

The [Electricity \(Supply Standards and System Safety\) Regulations 2001](#) apply to electricity infrastructure that forms part of a network, and principally cover requirements for network safety.

The [Electricity Regulations 1947](#) deal with electrical worker safety and the supply of electricity to consumers including obligations to inspect consumer installations.

These regulations also cover requirements for the safety approval of certain types of electrical equipment, the energy efficiency requirements of prescribed appliances/equipment, and infringement notices.

The [Electricity \(Licensing\) Regulations 1991](#) cover the standards of electrical work on consumers' installations, licensing of electrical workers and contractors and procedural matters.

The [WA Electrical Requirements](#) specify supply service rules, which dictate supply connection requirements. They also set out any Western Australian variations to the "Wiring Rules" (AS/NZS 3000) and any other standards as referenced by the *Electricity (Licensing) Regulations 1991*.

Gas Requirements

All gas work must be carried out in accordance with the requirements of the [Gas Standards Act 1972](#) and supporting Regulations, which are the:

[Gas Standards \(Gas Supply and System Safety\) Regulations 2000](#)
[Gas Standards \(Gasfitting and Consumer Gas Installations\) Regulations 1999](#)
[Gas Standards \(Infringement Notices\) Regulations 2007](#)

The [Gas Standards \(Gas Supply and System Safety\) Regulations 2000](#) apply to gas distribution systems and include requirements for network safety, management of heating values for billing purposes if a network is subject to the commingling of different gases, gas quality (natural gas and Liquefied Petroleum Gas), and metering accuracy.

The [Gas Standards \(Gasfitting and Consumer Gas Installations\) Regulations 1999](#) cover the licensing of gas fitters, standards of gasfitting work on consumers' gas installations, including the approval of Type B (industrial) gas appliances, and procedural matters.

The [Gas Standards Act 1972](#) also deals with a number of other requirements including the safety approval of Type A (domestic and small commercial) gas appliances. The [Gas Standards \(Infringement Notices\) Regulations 2007](#) provide for infringement notices.

Other Functions

Energy Safety also -

- promotes electricity and gas safety to both the public and industry operatives;
- promotes electricity/gas safety to the public, consumers and workers (particularly energy industry workers) in a variety of ways; and
- assists the Economic Regulation Authority (ERA) and the Ombudsman's office in the enforcement of prescribed standards for electricity supply reliability and quality, in accordance with the provisions of the following legislation:
 - [Electricity Industry \(Licence Conditions\) Regulations 2005](#)
 - [Electricity Industry \(Ombudsman Scheme\) Regulations 2005](#)
 - [Electricity Industry \(Network Quality and Reliability of Supply\) Code 2005](#).

Contacts

For further information on technical and safety compliance, please contact:

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