

Authorised Version No. 001
Gas Safety (Gas Installation)
Regulations 2018

S.R. No. 140/2018

Authorised Version as at
22 October 2018

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Part 1—Preliminary

1 Objectives

The objectives of these Regulations are—

- (a) to provide for standards for gasfitting work;
and
- (b) to provide for the procedures relating to the
acceptance of appliances and gas
installations; and
- (c) to make provision generally in relation to the
safety of gas appliances, gas installations and
work on gas appliances and installations.

2 Authorising provision

These Regulations are made under section 118 of
the **Gas Safety Act 1997**.

3 Commencement

These Regulations come into operation on
22 October 2018.

4 Revocations

The Regulations listed in Schedule 1 are **revoked**.

5 Definitions

In these Regulations—

AS 3814 means AS 3814, "Industrial and commercial gas-fired appliances" as published or amended from time to time;

AS 4670 means AS 4670, "Commercial propane and commercial butane for heating purposes" as published or amended from time to time;

AS/NZS 5601.1 means AS/NZS 5601.1, "Gas installations—Part 1: General installations" as published or amended from time to time;

AS/NZS 5601.2 means AS/NZS 5601.2, "Gas installations—Part 2: LP Gas installations in caravans and boats for non-propulsive purposes" as published or amended from time to time;

Autogas means liquefied petroleum gas which is intended to be used for automotive purposes;

BCA means the Building Code of Australia within the meaning of section 3(1) of the **Building Act 1993**;

BCA Volume One means the National Construction Code Volume One as published by the Australian Building Codes Board and amended from time to time;

BCA Volume Two means the National Construction Code Volume Two as published by the Australian Building Codes Board and amended from time to time;

commercial butane means a liquefied petroleum gas which consists of more than 90% butanes and butylenes;

commercial catering equipment means commercial catering equipment as described in section 6.10.2 of AS/NZS 5601.1;

commercial propane means a liquefied petroleum gas which consists of more than 90% propane and propylene;

consumer piping has the same meaning as it has in AS/NZS 5601.1;

flueless space heater means an appliance which uses gas to produce flame or heat that is designed not to discharge its flue gases through a flue;

gas pressure regulator has the same meaning as it has in AS/NZS 5601.1;

hot-tapping work means making a connection to consumer piping while the pipe is in use and contains gas under pressure;

LP Gas means commercial butane or commercial propane in liquid or gaseous form which is intended for use in an appliance but which is not intended to be used for automotive purposes or as a pressure pack propellant;

LPG means liquefied petroleum gas and includes LP Gas;

operating pressure has the same meaning as it has in AS/NZS 5601.1;

pressure has the same meaning as it has in AS/NZS 5601.1;

rated working pressure has the same meaning as it has in AS/NZS 5601.1;

the Act means the **Gas Safety Act 1997**.

6 Matters excluded from the operation of these Regulations

These Regulations do not apply to—

- (a) the construction, assembly or manufacture of—
 - (i) a brick or masonry flue; or
 - (ii) a metal flue exceeding 450 millimetres internal diameter; or
 - (iii) that part of a metal flue above a roof or other surface where the part exceeds 10 metres in height above that roof or other surface; or
 - (iv) a Type A appliance; or
- (b) the use or intended use of gas for automotive purposes; or
- (c) the use or intended use of gas as a refrigerant.

7 Standard gas installations

- (1) For the purposes of paragraph (a)(ii) of the definition of *standard gas installation* in section 3(1) of the Act, the following classes of residential premises are prescribed—
 - (a) caravans and mobile homes;
 - (b) buildings defined as Class 1a buildings under BCA Volume Two;
 - (c) buildings defined as Class 2 buildings under BCA Volume One that have 5 storeys or fewer above the ground;
 - (d) residential premises in buildings defined as Class 2 buildings under BCA Volume One that have more than 5 storeys above the ground if the premises are occupied or have been previously occupied.

- (2) For the purposes of paragraph (b)(ii) of the definition of *standard gas installation* in section 3(1) of the Act, the class of commercial premises that are prescribed are buildings defined as Class 5 or Class 6 buildings under BCA Volume One that have 5 storeys or fewer above the ground.
- (3) For the purposes of paragraph (b)(iii) of the definition of *standard gas installation* in section 3(1) of the Act, the prescribed amount of gas consumption is 500 megajoules per hour.
- (4) For the purposes of paragraph (b)(iv) of the definition of *standard gas installation* in section 3(1) of the Act—
 - (a) in the case of a LP Gas installation, the prescribed maximum operating pressure of the second-stage gas pressure regulator associated with that LP Gas installation is 70 kilopascals and the prescribed maximum operating pressure of any subsequent gas pressure regulator associated with that LP Gas installation is 7 kilopascals; and
 - (b) in any other case, the prescribed maximum metering pressure is 7 kilopascals.
- (5) For the purposes of paragraph (b)(v) of the definition of *standard gas installation* in section 3(1) of the Act, the prescribed number of gas supply points is 5 gas supply points.

Part 2—Appliances

8 Application for acceptance of appliance or class of appliances

- (1) An application under section 69 of the Act for acceptance of an appliance or a class of appliances must contain or be accompanied by the information specified in Schedule 2.
- (2) The prescribed fee for making an application under section 69 of the Act is 51 fee units.

9 Testing of appliances

In relation to an application under section 69 of the Act for acceptance of an appliance, if Energy Safe Victoria is not satisfied with the results of tests carried out for the purposes of that application, it may require the applicant to arrange for further tests to be carried out.

10 Compliance plates for appliances

If Energy Safe Victoria requires a compliance plate to be affixed to an appliance in accordance with a condition of an acceptance under section 69 of the Act, the compliance plate—

- (a) must be issued by Energy Safe Victoria or a body approved by Energy Safe Victoria; and
- (b) must be securely affixed to the appliance in a place that is readily accessible; and
- (c) must be substantially in the form of Schedule 4 and meet the requirements of Schedule 4.

11 Prescribed Type A appliances

- (1) For the purposes of section 70(2) of the Act, a Type A appliance that is labelled in accordance with subregulation (2) is an appliance of a prescribed class.

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Part 2—Appliances

- (2) For the purposes of subregulation (1), the label must—
- (a) be in a form approved by Energy Safe Victoria; and
 - (b) indicate that the appliance—
 - (i) is subject to testing; and
 - (ii) is not accepted for use.

Part 3—Gasfitting work

Division 1—Standards

12 Prescribed standards for gasfitting work

- (1) For the purposes of section 72(1) of the Act—
 - (a) the prescribed standard in relation to gasfitting work to which AS/NZS 5601.1 applies is that standard; and
 - (b) the prescribed standard in relation to gasfitting work to which AS/NZS 5601.2 applies is that standard.
- (2) For the purposes of section 72(1) of the Act, the prescribed standard in relation to gasfitting work carried out in connection with commercial catering equipment on or in a boat or caravan is AS/NZS 5601.1.
- (3) In subregulation (2), *boat* and *caravan* have the same meaning as they have in AS/NZS 5601.2.

13 Prescribed standard for Type B appliances

For the purposes of section 72(2) of the Act, the prescribed standard in relation to Type B appliances is AS 3814.

14 Prescribed standards for gas installations

- (1) For the purposes of section 72(2) of the Act—
 - (a) the prescribed standard in relation to an appliance or gas installation to which AS/NZS 5601.1 applies is that standard; and
 - (b) the prescribed standard in relation to an appliance or gas installation to which AS/NZS 5601.2 applies is that standard.

- (2) For the purposes of section 72(2) of the Act, the prescribed standard in relation to commercial catering equipment on or in a boat or caravan is AS/NZS 5601.1.
- (3) In subregulation (2), *boat* and *caravan* have the same meaning as they have in AS/NZS 5601.2.

Division 2—General requirements in relation to gasfitting work

15 Clearance of consumer piping

For the purposes of section 72(1) of the Act, it is a prescribed requirement for the carrying out of gasfitting work that any consumer piping that is connected to a gas company's meter assembly is connected so that it has a clearance of at least 30 millimetres from the meter or any device, component or pipe connected to the meter inlet.

16 Consumer piping installed outside allotment on which gas installation situated

- (1) For the purposes of section 72(1) of the Act, it is a prescribed requirement for the carrying out of gasfitting work that consumer piping is not installed on land, other than the allotment on which a gas installation associated with that consumer piping is situated, unless—
 - (a) the person carrying out the gasfitting work has given Energy Safe Victoria at least 48 hours notice before installing that consumer piping; and
 - (b) that consumer piping complies with standards determined by Energy Safe Victoria.
- (2) Energy Safe Victoria may determine 2 or more contiguous allotments to be an allotment for the purposes of subregulation (1).

- (3) In this regulation, *allotment* means land which can be disposed of separately under section 8A of the **Sale of Land Act 1962** without being subdivided.

17 Devices in consumer piping

- (1) For the purposes of section 72(1) of the Act, it is a prescribed requirement for the carrying out of gasfitting work that if a mixing device is being installed in consumer piping the gas supply and meter are protected from low pressure, pulsation, reverse flow conditions and the admission of compressed air or any other gaseous substance.
- (2) In this regulation, *mixing device* means a device for mixing gas with compressed air or any other gaseous substance.

18 Safety of installation

For the purposes of section 72(2) of the Act, it is a prescribed requirement for the carrying out of gasfitting work on a gas installation that—

- (a) the gas installation not be made unsafe during the gasfitting work; and
- (b) the gas installation is safe for use on the completion of the gasfitting work.

19 Application for exemption

- (1) An application to Energy Safe Victoria under section 72(3) of the Act must be in the form of Schedule 6 and be accompanied by an application fee.
- (2) The prescribed application fee for an application under section 72(3) of the Act is 8.03 fee units.

Division 3—Responsibilities of person carrying out gasfitting work

20 Reporting of gas incidents

- (1) A person carrying out gasfitting work on a gas installation must report, without delay, any gas incident which occurs during the carrying out of that gasfitting work to Energy Safe Victoria and—
- (a) if the gas installation uses natural gas, to the gas distribution company which supplies that gas to the gas installation; or
 - (b) if the gas installation uses LPG, to the gas retailer which supplies that gas to the gas installation.

Penalty: 20 penalty units.

- (2) If a person carries out work on a Type B appliance and the person is aware that the work is required because of a gas incident which had occurred in relation to that appliance, the person must, without delay after becoming so aware, report the gas incident to Energy Safe Victoria and—
- (a) if the gas installation of which the appliance forms part uses natural gas, to the gas distribution company which supplies that gas to the gas installation; or
 - (b) if the gas installation of which the appliance forms part uses LPG, to the gas retailer which supplies that gas to the gas installation.

Penalty: 20 penalty units.

Note

"Gas incident" is defined in section 3(1) of the **Gas Safety Act 1997**.

21 Dangerous gas installations

- (1) If a person carrying out gasfitting work on a gas installation becomes aware of a danger arising from a defect in the gas installation, the person must without delay—
- (a) take all steps that are necessary to make the gas installation safe; and
 - (b) notify the owner of the gas installation and the occupier of the premises in which the installation is situated of the defect.

Penalty: 20 penalty units.

- (2) Subregulation (1)(a) does not apply if the person is unable, or it is unreasonable for the person, to take the necessary steps to make the gas installation safe.
- (3) If the person carrying out the gasfitting work is unable, or it is unreasonable for the person, to make the gas installation safe, the person must, without delay, notify Energy Safe Victoria and—
- (a) if the gas installation uses natural gas, the gas distribution company which supplies that gas to the gas installation of the defect; or
 - (b) if the gas installation uses LPG, the gas retailer which supplies that gas to the gas installation of the defect.

Penalty: 20 penalty units.

Division 4—Standards and requirements in relation to hot-tapping work

22 Standards and requirements for hot-tapping work

- (1) For the purposes of section 72(1) of the Act, it is a prescribed requirement that a person must—
 - (a) before carrying out gasfitting work that is hot-tapping work, apply to Energy Safe Victoria for authorisation to carry out that work; and
 - (b) not carry out gasfitting work that is hot-tapping work unless that work is authorised by Energy Safe Victoria.
- (2) For the purposes of section 72(1) of the Act, the prescribed standard for carrying out gasfitting work that is hot-tapping work is the standard determined by Energy Safe Victoria for that work in the authorisation of that work.
- (3) This regulation applies despite anything to the contrary in Division 1.

Division 5—Special requirements for high-pressure consumer piping

23 Standards and requirements for high-pressure consumer piping

- (1) For the purposes of section 72(1) of the Act, it is a prescribed requirement that a person must—
 - (a) before carrying out gasfitting work in relation to consumer piping which is to have an operating pressure in excess of 200 kilopascals, apply to Energy Safe Victoria for authorisation to carry out that work; and

- (b) not carry out that gasfitting work unless that gasfitting work is authorised by Energy Safe Victoria.
- (2) For the purposes of section 72(2) of the Act, the prescribed standard for consumer piping which is to have an operating pressure in excess of 200 kilopascals is the standard determined by Energy Safe Victoria in respect of that piping in an authorisation for the gasfitting work relating to that piping.

Note

See regulation 14 for requirements relating to consumer piping with an operating pressure of 200 kilopascals or less.

**Division 6—Special requirements for
flueless space heaters**

24 Installation of flueless space heaters

- (1) For the purposes of section 72(1) of the Act, it is a prescribed requirement that a person carrying out gasfitting work not install or locate for use a flueless space heater or a connection device in residential premises (including a caravan or boat) except in accordance with the requirements set out in subregulation (2).
- (2) A person may replace an existing flueless space heater in residential premises with a new flueless space heater (the *new heater*) if—
 - (a) the heater being replaced operated on LP Gas; and
 - (b) the new heater operates on LP Gas; and
 - (c) the emission of oxides of nitrogen from the new heater does not exceed 2.5 ng/J; and
 - (d) the carbon monoxide/carbon dioxide ratio of the new heater does not exceed 0.002.

- (3) Despite anything to the contrary in this regulation, for the purposes of section 72(1) of the Act it is a prescribed requirement that a person carrying out gasfitting work not install or locate for use a flueless space heater or a connection device in—
- (a) a hospital; or
 - (b) a registered community health centre, day procedure centre, residential care service or supported residential service within the meaning of the **Health Services Act 1988**; or
 - (c) a school, TAFE institute or university within the meaning of the **Education and Training Reform Act 2006** (excluding a workshop or assembly hall); or
 - (d) a children's service within the meaning of the **Children's Services Act 1996**.
- (4) In this regulation, *connection device* means a device that is installed to enable subsequent connection of a flueless space heater.

25 Prohibition on conversion of flueless space heaters

For the purposes of section 72(1) of the Act, it is a prescribed requirement that gasfitting work that converts a flueless space heater to operate on another type of gas is not carried out.

Part 4—Acceptance of gas installations

26 Application for acceptance of gas installation

- (1) Subject to subregulation (2), an application under section 73 of the Act for acceptance of a gas installation must contain or be accompanied by the information specified in Schedule 7.
- (2) An application under section 73 of the Act for acceptance of a gas installation must contain or be accompanied by the information specified in Schedule 7 and Schedule 8 in the case of a gas installation that is to—
 - (a) have a total gas rate exceeding 3·8 gigajoules per hour; or
 - (b) have an operating pressure exceeding 200 kilopascals; or
 - (c) be installed in a building exceeding 10 storeys above the ground.
- (3) If a gas installation contains a Type B appliance, an application under section 73 of the Act for acceptance of the gas installation must, in addition to the information required under subregulation (1) or (2) (as the case may be), also contain or be accompanied by the information specified in Schedule 9.
- (4) In addition to the information required under subregulation (1) or (2), Energy Safe Victoria in order to determine the safety of the gas installation may require the applicant—
 - (a) to provide a copy of any design, analysis, logic flow chart, program, calculation, drawing or specification for the gas installation; and

- (b) to provide a sample of a material, component or other item to be used in the gas installation; and
 - (c) to remove and submit joints made in a pipe; and
 - (d) to have a non-destructive test carried out on a pipe and its joints.
- (5) For the purposes of section 73(2)(c) of the Act, a statement of compliance relating to an application for acceptance of a gas installation must be—
- (a) in the form of Schedule 10; and
 - (b) signed by a person who Energy Safe Victoria considers has the necessary training, qualifications or experience to provide the statement.
- (6) For the purposes of section 73(2)(c) of the Act, a statement of compliance relating to completion of a gas installation must be—
- (a) in the form of Schedule 11; and
 - (b) signed by a person who Energy Safe Victoria considers has the necessary training, qualifications or experience to provide the statement.

27 Inspection and testing of gas installations

- (1) Before accepting a gas installation under section 73 of the Act, Energy Safe Victoria may—
- (a) inspect or audit the gas installation; and
 - (b) require it to be tested to determine whether it complies with the Act and these Regulations; and

- (c) allow gas supply for commissioning purposes for a period not exceeding 21 business days or a longer period that is allowed by Energy Safe Victoria.
- (2) A person who is an applicant under section 73(1) of the Act may request in writing that Energy Safe Victoria allow gas supply for commissioning purposes for a period longer than 21 business days.
- (3) A request under subregulation (2) must specify the period for which gas supply is required.
- (4) Energy Safe Victoria may allow or refuse to allow a longer period of gas supply for commissioning purposes.
- (5) For the purposes of carrying out any inspection, audit or test under subregulation (1), Energy Safe Victoria may remove any part of the gas installation from the installation or the premises in which it is situated.

28 Acceptance of gas installations containing Type B appliances subject to conditions

- (1) This regulation applies if Energy Safe Victoria accepts, under section 73 of the Act, a gas installation that contains a Type B appliance subject to a condition requiring the gas installation to be tested by a person or body approved by Energy Safe Victoria.
- (2) The applicant for acceptance must—
 - (a) arrange for the required tests to be carried out; and
 - (b) notify Energy Safe Victoria, in writing, of the results of those tests.

- (3) A notice under subregulation (2) must contain or be accompanied by a statement of compliance in the form of Schedule 11 made and signed by the person or body approved by Energy Safe Victoria that carried out the tests of the gas installation.

29 Compliance plates for Type B appliances

If Energy Safe Victoria requires a compliance plate to be affixed to a Type B appliance in accordance with a condition of an acceptance of a gas installation under section 73 of the Act, the compliance plate—

- (a) must be a compliance plate issued by Energy Safe Victoria; and
- (b) must be securely affixed in a place that is readily accessible; and
- (c) must be in the form of Schedule 12 and meet the requirements of Schedule 12.

Part 5—General

30 Duty to keep complex gas installation in a proper state of repair

A person who is the owner of a complex gas installation must—

- (a) keep the installation safe and in a proper state of repair; and
- (b) keep any Type B appliance contained in the complex gas installation in a safe condition and in a proper state of repair; and
- (c) keep records relating to the service, maintenance, repair and modification of the complex gas installation and any Type B appliance contained in the complex gas installation for a period of 3 years after the relevant service, maintenance, repair or modification.

Penalty: 20 penalty units.

31 Duty to report gas incidents

If a gas incident occurs in relation to a complex gas installation the owner of the installation must report the gas incident, without delay, to Energy Safe Victoria and—

- (a) if the installation uses natural gas, to the gas distribution company which supplies that gas to the gas installation; or
- (b) if the installation uses LPG, to the gas retailer which supplies that gas to the gas installation.

Penalty: 20 penalty units.

32 Power of inspector to disconnect or order disconnection

- (1) If an inspector determines from an inspection under the Act or these Regulations that a gas installation—
- (a) does not comply with the Act or these Regulations; or
 - (b) is immediately dangerous or defective—
- the inspector may—
- (c) disconnect the gas installation or any part of the gas installation from the gas supply; or
 - (d) order any person to disconnect the gas installation or any part of the gas installation from the gas supply.
- (2) A person must comply with an order under subregulation (1).
- Penalty: 20 penalty units.
- (3) A person must not connect gas to a gas installation or any part of a gas installation which has been disconnected by or on the order of an inspector under this regulation, unless Energy Safe Victoria or an inspector has authorised the connection.
- Penalty: 20 penalty units.

33 Exception for supply of gas by gas company

For the purposes of section 34(2) of the Act, it is a prescribed circumstance if the gas company supplies gas for commissioning purposes with the approval of Energy Safe Victoria.

34 Prescribed requirements for supply or sale of LPG

- (1) For the purposes of section 79A(1)(a) of the Act, the prescribed standards of quality are that—
 - (a) the gas have an odour which is distinctive and unpleasant and an odour level that is discernible at one-fifth of the lower explosive limit of the gas; and
 - (b) LP Gas supplied or sold to a customer complies with AS 4670.
- (2) For the purposes of section 79A(1)(c) of the Act, the prescribed requirements are that the person affix at or near the place the gas is supplied a sign that is—
 - (a) in the form of Schedule 13; and
 - (b) at least 200 millimetres long and 100 millimetres high.
- (3) For the purposes of section 79A(2) of the Act, the prescribed appliances are—
 - (a) Type A appliances that have been accepted under section 68 or 69 of the Act for use with LPG of any composition; and
 - (b) Type B appliances that have been accepted under section 73 of the Act for use with LPG of any composition.

35 Waiver or rebate of fees

If an application to Energy Safe Victoria under these Regulations requires payment of a fee, Energy Safe Victoria may waive or rebate all or part of the fee in circumstances that Energy Safe Victoria considers appropriate.

Schedule 1—Revocations

(Regulation 4)

- 1 Gas Safety (Gas Installation) Regulations 2008.
- 2 Gas Safety (Gas Installation) Amendment Regulations 2014.

Schedule 2—Information to be supplied by persons seeking acceptance of an appliance

(Section 69)
(Regulation 8)

- 1 Full name, address, ABN or ACN, and contact details of person applying for acceptance.
- 2 Details of test results received from a testing agency accepted by Energy Safe Victoria:
- 3 **Appliance details**
Details regarding the appliance, including where relevant:
 - (a) Manufacturer's name.
 - (b) Model identification.
 - (c) Maximum and minimum gas consumption (MJ/h).
 - (d) Nominal gas consumption.
 - (e) Gas type(s).
 - (f) Maximum and minimum gas supply pressures.
 - (g) Gas pressure at burner head for the maximum and minimum gas consumption.
 - (h) Gas pressure at burner head for the nominal gas consumption.
 - (i) Burner ignition details (pilots, etc.).
 - (j) Flueing details.
 - (k) Installation instructions.
- 4 **Component details**
Details regarding components, including where relevant:
 - (a) Manufacturer's name.
 - (b) Model identification.
 - (c) Gas type(s).
 - (d) Maximum and minimum gas supply pressures.
 - (e) Rated working pressure.
 - (f) Maximum and minimum gas flow rates.

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Schedule 2—Information to be supplied by
persons seeking acceptance of an appliance

- (g) Electrical specifications, ratings etc.
- (h) Acceptance number issued under an acceptance scheme authorised by Energy Safe Victoria.

5 Valve train schematic diagram

A schematic diagram clearly indicating:

- (a) All components (including brand and model).
- (b) Rated working pressure of all components.
- (c) Proposed settings of all adjustable devices.

6 Appliance electrical circuit diagram

A circuit diagram in ladder-logic format clearly indicating:

- (a) Safety and control circuits.
- (b) Details of all major components (including brand and model).
- (c) Method of operation of all major components.

Note: There is no Schedule 3.

Schedule 4

(Section 69)
(Regulation 10)

COMPLIANCE PLATE DETAILS

TYPE A APPLIANCE

<p>State of Victoria Energy Safe Victoria COMPLIANCE PLATE TYPE A APPLIANCE This appliance has been accepted under section 69 of the Gas Safety Act 1997. ESV Acceptance No.: Date:</p>
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Note: There is no Schedule 5.

Schedule 6—Application for exemption

(Section 72)
(Regulation 19)

- 1 Full name and ABN or ACN of applicant:
- 2 Address and contact details of applicant:
- 3 Name, address and contact details of customer:
- 4 Address of gas installation:
- 5 Name, address and contact details of person carrying out gasfitting work:
- 6 Details of proposed gasfitting work:

- 7 Details of standard(s) or requirement(s) from which exemption is sought (please specify regulation number(s) and/or the standard(s) or clause number(s) in the relevant standard(s)):

- 8 Statement of reasons why you believe that compliance with the standards or requirements does not warrant the cost of compliance and the alternative means by which you propose to achieve an acceptable level of safety:

Dated:

Signature of applicant:

**Schedule 7—Information to be supplied
by persons seeking acceptance of a
gas installation**

(Section 73)
(Regulation 26(1) and (2))

- 1 Full name;
- 2 ABN or ACN;
- 3 Address;
- 4 Phone number;
- 5 Registration number;
- 6 Email address;
- 7 Facsimile number;
- 8 Address of gas installation;
- 9 Consumer's name and site contact name;
- 10 Type of work;
- 11 Type of gas;
- 12 Summary of work;
- 13 Commencement and completion dates for work;
- 14 Details of:
 - (a) the gas rate (only if the rate is to exceed 3.8 GJ/h); and
 - (b) the operating pressure (only if the operating pressure is to exceed 200kPa); and
 - (c) whether or not the building exceeds 10 storeys above the ground.

Schedule 8—Additional information to be supplied by persons seeking acceptance of certain gas installations

(Section 73)

(Regulation 26(2))

- 1 Details of the gas installation, including drawings of:
 - (a) the general arrangements of the consumer piping; and
 - (b) the location of valves, pressure control regulators and other controls or devices installed within the piping; and
 - (c) the location of any gas meter (but not the gas company's meter); and
 - (d) piping designed to safely discharge gas from safety or control devices; and
 - (e) any associated electrical circuit diagrams.
- 2 Details of design, calculations, tests and commissioning procedures, including:
 - (a) calculations of pressure loss; and
 - (b) testing for gas tightness; and
 - (c) purging associated with commissioning or decommissioning piping; and
 - (d) commissioning pressure control and other pipeline devices.
- 3 Details of all control or other devices installed within the piping, including:
 - (a) manufacturer's data sheets; and
 - (b) proposed settings of all adjustable devices.

Schedule 9—Additional information to be supplied for a Type B appliance

(Section 73)
(Regulation 26(3))

1 Appliance details

Details regarding the appliance, including where relevant:

- (a) Manufacturer's name.
- (b) Model identification.
- (c) Nominal gas consumption (MJ/h).
- (d) Gas type.
- (e) Maximum and minimum gas supply pressures.
- (f) Purge times.
- (g) Gas pressure at burner head for the nominal gas consumption.
- (h) Combustion chamber volume.
- (i) Purge volume, being the total volume swept from the entry of the purge medium to the point of emission including interconnecting ductwork.
- (j) Serial number.
- (k) Date of manufacture.

2 Description of the appliance function and any associated industrial process with which the appliance is integrated, together with a drawing indicating the general arrangement.

3 Valve train schematic diagram

A schematic diagram clearly indicating:

- (a) All components (including brand and model) and component acceptance numbers.
- (b) Rated working pressure of all components.
- (c) Proposed settings of all adjustable devices.
- (d) Nominal gas consumption.
- (e) Supply pressure at appliance and burner head.

4 **Electrical circuit diagram**

A circuit diagram in ladder-logic format clearly indicating:

- (a) Safety and control circuits.
- (b) Details of all major components (including brand and model).
- (c) Method of operation of all major components.

5 Process and instrumentation diagram clearly indicating the relationship between the safety and control functions of the appliance/process.

6 **Purge time calculation**

Calculation of the time required to purge the appliance in accordance with AS 3814.

7 **Safe start gas rate**

Where required by AS 3814, calculation of the safe start gas rate or the critical time for ignition or critical energy.

8 **Explosion relief area and dilution air/flow rate (where relevant)**

If the appliance process involves solvents or dusts and where required by AS 3814, provide details of, and calculations for, explosion relief area and dilution air/flow rates.

9 Details of flueing.

10 Details of ventilation.

11 Commissioning procedures and operating instructions.

Schedule 10—Statement of compliance in relation to a gas installation

(Section 73)
(Regulation 26(5))

Certification

I certify that this gas installation will meet the requirements of the **Gas Safety Act 1997** and the Gas Safety (Gas Installation) Regulations 2018.

Signature:

Date:

Gas Safety (Gas Installation) Regulations 2018

S.R. No. 140/2018

Schedule 11—Statement of compliance in
relation to completion of gas installation

Schedule 11—Statement of compliance in relation to completion of gas installation

(Section 73)

(Regulations 26(6) and 28(3))

Certification

I certify that this gas installation meets the requirements of the **Gas Safety Act 1997** and that the required tests have been carried out and it will be safe for gas to be made available to the consumer.

Signature:

Date:

Schedule 12

(Section 73)
(Regulation 29)

COMPLIANCE PLATE DETAILS

TYPE B APPLIANCE

State of Victoria

Energy Safe Victoria

COMPLIANCE PLATE

TYPE B APPLIANCE

This appliance has been commissioned in compliance with
the **Gas Safety Act 1997**.

ESV Acceptance No.:

Appliance Serial No.:

Installed at:

Date:

Schedule 13

(Section 79A(1))
(Regulation 34(2)(a))

WARNING SIGN

WARNING

Household LPG appliances (including BBQs and LPG camping equipment) are not designed to operate on Autogas. Using Autogas in such appliances may make them UNSAFE.

No commercial, household or portable LPG cylinders shall be filled with Autogas on this site.

Knowingly supplying Autogas for use in a household LPG appliance is an offence.

Endnotes

1 General information

See www.legislation.vic.gov.au for Victorian Bills, Acts and current authorised versions of legislation and up-to-date legislative information.

The Gas Safety (Gas Installation) Regulations 2018, S.R. No. 140/2018 were made on 25 September 2018 by the Lieutenant-Governor as the Governor's deputy, with the advice of the Executive Council, under section 118 of the **Gas Safety Act 1997**, No. 99/1997 and came into operation on 22 October 2018: regulation 3.

The Gas Safety (Gas Installation) Regulations 2018 will sunset 10 years after the day of making on 25 September 2028 (see section 5 of the **Subordinate Legislation Act 1994**).

INTERPRETATION OF LEGISLATION ACT 1984 (ILA)

Style changes

Section 54A of the ILA authorises the making of the style changes set out in Schedule 1 to that Act.

References to ILA s. 39B

Sidenotes which cite ILA s. 39B refer to section 39B of the ILA which provides that where an undivided regulation, rule or clause of a Schedule is amended by the insertion of one or more subregulations, subrules or subclauses the original regulation, rule or clause becomes subregulation, subrule or subclause (1) and is amended by the insertion of the expression "(1)" at the beginning of the original regulation, rule or clause.

Interpretation

As from 1 January 2001, amendments to section 36 of the ILA have the following effects:

- **Headings**

All headings included in a Statutory Rule which is made on or after 1 January 2001 form part of that Statutory Rule. Any heading inserted in a Statutory Rule which was made before 1 January 2001, by a Statutory Rule made on or after 1 January 2001, forms part of that Statutory Rule. This includes headings to Parts, Divisions or Subdivisions in a Schedule; Orders; Parts into which an Order is divided; clauses; regulations; rules; items; tables; columns; examples; diagrams; notes or forms. See section 36(1A)(2A)(2B).

- **Examples, diagrams or notes**

All examples, diagrams or notes included in a Statutory Rule which is made on or after 1 January 2001 form part of that Statutory Rule. Any examples, diagrams or notes inserted in a Statutory Rule which was made before 1 January 2001, by a Statutory Rule made on or after 1 January 2001, form part of that Statutory Rule. See section 36(3A).

- **Punctuation**

All punctuation included in a Statutory Rule which is made on or after 1 January 2001 forms part of that Statutory Rule. Any punctuation inserted in a Statutory Rule which was made before 1 January 2001, by a Statutory Rule made on or after 1 January 2001, forms part of that Statutory Rule. See section 36(3B).

- **Provision numbers**

All provision numbers included in a Statutory Rule form part of that Statutory Rule, whether inserted in the Statutory Rule before, on or after 1 January 2001. Provision numbers include regulation numbers, rule numbers, subregulation numbers, subrule numbers, paragraphs and subparagraphs. See section 36(3C).

- **Location of "legislative items"**

A "legislative item" is a penalty, an example or a note. As from 13 October 2004, a legislative item relating to a provision of a Statutory Rule is taken to be at the foot of that provision even if it is preceded or followed by another legislative item that relates to that provision. For example, if a penalty at the foot of a provision is followed by a note, both of these legislative items will be regarded as being at the foot of that provision. See section 36B.

- **Other material**

Any explanatory memorandum, table of provisions, endnotes, index and other material printed after the Endnotes does not form part of a Statutory Rule. See section 36(3)(3D)(3E).

2 Table of Amendments

There are no amendments made to the Gas Safety (Gas Installation) Regulations 2018 by statutory rules, subordinate instruments and Acts.

3 Amendments Not in Operation

There are no amendments which were Not in Operation at the date of this publication.

4 Explanatory details

Fee Units

These Regulations provide for fees by reference to fee units within the meaning of the **Monetary Units Act 2004**.

The amount of the fee is to be calculated, in accordance with section 7 of that Act, by multiplying the number of fee units applicable by the value of a fee unit.

The value of a fee unit for the financial year commencing 1 July 2018 is \$14.45. The amount of the calculated fee may be rounded to the nearest 10 cents.

The value of a fee unit for future financial years is to be fixed by the Treasurer under section 5 of the **Monetary Units Act 2004**. The value of a fee unit for a financial year must be published in the Government Gazette and a Victorian newspaper before 1 June in the preceding financial year.

Penalty Units

These Regulations provide for penalties by reference to penalty units within the meaning of section 110 of the **Sentencing Act 1991**. The amount of the penalty is to be calculated, in accordance with section 7 of the **Monetary Units Act 2004**, by multiplying the number of penalty units applicable by the value of a penalty unit.

The value of a penalty unit for the financial year commencing 1 July 2018 is \$161.19.

The amount of the calculated penalty may be rounded to the nearest dollar.

The value of a penalty unit for future financial years is to be fixed by the Treasurer under section 5 of the **Monetary Units Act 2004**. The value of a penalty unit for a financial year must be published in the Government Gazette and a Victorian newspaper before 1 June in the preceding financial year.

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Table of Applied, Adopted or Incorporated Matter

The following table of applied, adopted or incorporated matter was included in S.R. No. 140/2018 in accordance with the requirements of regulation 5 of the Subordinate Legislation Regulations 2014.

Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
Regulation 5, definition of AS 3814 Regulation 13	AS 3814, "Industrial and commercial gas-fired appliances" published on 18 February 2015 by Standards Australia	The whole
Regulation 5, definition of AS 4670 Regulation 34(1)(b)	AS 4670, "Commercial propane and commercial butane for heating purposes" published on 25 January 2018 by Standards Australia	The whole
Regulation 5, definitions of AS/NZS 5601.1, consumer piping, gas pressure regulator, operating pressure, pressure, rated working pressure Regulations 12(1)(a), 12(2), 14(1)(a), 14(2)	AS/NZS 5601.1, "Gas installations—Part 1: General installations" published on 16 September 2013 by Standards Australia and Standards New Zealand	The whole
Regulation 5, definition of AS/NZS 5601.2 Regulation 12(1)(b) Regulation 12(3), definitions of boat and caravan Regulation 14(1)(b) Regulation 14(3), definitions of boat and caravan	AS/NZS 5601.2, "Gas installations—Part 2: LP Gas installations in caravans and boats for non-propulsive purposes" published on 16 September 2013 by Standards Australia and Standards New Zealand	The whole

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Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
Regulation 5, definition of <i>BCA Volume One</i>	National Construction Code 2016 Volume One, published February 2016 by the Australian Building Codes Board	The whole
Regulation 5, definition of <i>BCA Volume Two</i>	National Construction Code 2016 Volume Two, published February 2016 by the Australian Building Codes Board	The whole
Regulation 5, definition of <i>commercial catering equipment</i>	AS/NZS 5601.1, "Gas installations—Part 1: General installations" published on 16 September 2013 by Standards Australia and Standards New Zealand	Section 6.10.2
Regulation 7(1)(b)	National Construction Code 2016 Volume Two, published February 2016 by the Australian Building Codes Board	Clause 1.3.2
Regulation 7(1)(c), 7(1)(d), 7(2)	National Construction Code 2016 Volume One, published February 2016 by the Australian Building Codes Board	Clause A3.2