

**Authorised Version No. 017**  
**Plumbing Regulations 2008**

**S.R. No. 136/2008**

Authorised Version incorporating amendments as at  
6 June 2016

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**Part 1—Preliminary**

**Division 1—Introduction**

**1 Objectives**

The main objectives of these Regulations are—

- (a) to define the meaning of plumbing work, and to specify classes of plumbing work and specialised plumbing work, for the purposes of Part 12A of the **Building Act 1993**; and
- (b) to specify the qualifications and experience required for a person to be eligible to be registered or licensed to carry out plumbing work; and
- (c) to incorporate the Plumbing Code of Australia and to prescribe other standards that relate to plumbing work; and
- (d) to specify fees for the purposes of Part 12A of the **Building Act 1993**;
- (e) and to provide for any other matters authorised to be prescribed for the purposes of Part 12A of the **Building Act 1993**.

**2 Authorising provisions**

These Regulations are made under sections 221ZZZV and 262 of the **Building Act 1993**.

### 3 Commencement

These Regulations come into operation on 24 November 2008.

### 4 Revocations

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

### 5 Definitions

In these Regulations—

***apprenticeship*** means a training contract between a person and an employer entered into under Part 5.5 of the **Education and Training Reform Act 2006**;

***approved competency units*** means competency units that are approved by the Authority under regulation 42;

Reg. 5 def. of *approved competency units* amended by S.R. No. 60/2014 reg. 5(a).

Reg. 5 def. of *AS 4234* revoked by S.R. No. 113/2012 reg. 5(1)(a).

\* \* \* \* \*

Reg. 5 def. of *AS/NZS 3500.1* inserted by S.R. No. 31/2016 reg. 5(1).

***AS/NZS 3500.1*** means AS/NZS 3500.1 Plumbing and drainage Part 1: Water services, as issued, published or remade from time to time;

***AS/NZS 3500.2*** means AS/NZS 3500.2 Plumbing and drainage Part 2: Sanitary plumbing and drainage, as issued, published or remade from time to time;

***AS/NZS 3500.4*** means AS/NZS 3500.4 Plumbing and drainage Part 4: Heated water services, as issued, published or remade from time to time;

**AS/NZS 4234** means AS/NZS 4234 Heated water systems—Calculation of energy consumption, as issued, published or remade from time to time;

Reg. 5 def. of AS/NZS 4234 inserted by S.R. No. 113/2012 reg. 5(1)(b).

**backflow prevention work** has the same meaning as set out in regulation 36;

**blackwater** means wastewater from a toilet or urinal;

**caravan** means a structure, other than a vessel, designed or adapted to be moved from place to place, intended for human habitation or use as a workplace including a self-propelled recreational vehicle or mobile home and any attached or adjoining annex or the like;

**Certificate II course** means a Certificate II course accredited under Part 4.4 of the **Education and Training Reform Act 2006**;

**Certificate III course** means a Certificate III course accredited under Part 4.4 of the **Education and Training Reform Act 2006**;

**Certificate IV course** means a Certificate IV course accredited under Part 4.4 of the **Education and Training Reform Act 2006**;

\* \* \* \* \*

Reg. 5 def. of Commission revoked by S.R. No. 60/2014 reg. 5(b).

**cooling tower** means a device for lowering—

- (a) the temperature of recirculated water by bringing the water into contact with fan-forced, or fan-induced, atmospheric air; or

(b) the temperature of water, a refrigerant or other fluid in a pipe or other container by bringing recirculated water and fan-forced, or fan-induced, atmospheric air into contact with the pipe or container;

*cooling tower drift eliminator* is a device used to control water loss from a cooling tower through the exhaust air;

Reg. 5 def. of  
*disconnect/  
reconnect  
licence*  
revoked by  
S.R. No.  
113/2012  
reg. 5(2)(a).

\* \* \* \* \*

*drain* means a pipe or conduit laid above or below the ground surface, including all associated fittings and equipment, for the conveyance of sewage, trade waste, greywater or stormwater;

*drainage work* has the meaning set out in regulation 15;

*drinking water* has the same meaning as in the **Safe Drinking Water Act 2003**;

*evaporative cooler* means a non-refrigerated water filtered airflow ducted cooling system installed above and through a roof or outside and through a wall;

*fire protection work* has the meaning set out in regulation 17;

*gas* except in regulation 26, has the same meaning as it has under the **Gas Safety Act 1997**;

*gas company* has the same meaning as it has under the **Gas Safety Act 1997**;

*gas isolating valve* means a valve for the purpose of isolating part of a gas installation from the remainder of the gas installation;

*gas storage container* means a tank, cylinder or similar container from which gas is supplied;

*gasfitting work* has the meaning set out in regulation 20;

*greywater* means all household wastewater excluding blackwater;

*irrigation (non-agricultural) work* has the meaning set out in regulation 25;

*mechanical services work* has the meaning set out in regulation 26;

*PCA* means the Plumbing Code of Australia within the meaning of Part 12A of the **Building Act 1993**;

Reg. 5 def. of  
PCA  
amended by  
S.R. No.  
31/2016  
reg. 5(2).

*rainwater* means water collected directly from roof run-off;

*rainwater tank* means a tank or a number of connecting tanks designed to collect rainwater from roof catchments;

*refrigerated air-conditioning work* has the meaning set out in regulation 28;

*refrigerated package appliance* means a refrigerated air-conditioning appliance that does not require pipework to be installed for its operation;



Reg. 5 def. of  
*Restricted  
electrical  
worker's  
licence  
(Class 2)*  
inserted by  
S.R. No.  
113/2012  
reg. 5(2)(b).

***Restricted electrical worker's licence (Class 2)***

has the same meaning as it has in the Electricity Safety (Registration and Licensing) Regulations 2010 and includes a disconnect/reconnect licence that is treated as a Restricted electrical worker's licence (Class 2) under regulation 42 of those Regulations;

***retention tank*** means any storage receptacle used for the storage and detainment of stormwater;

***roofing (stormwater) work*** has the meaning set out in regulation 30;

***sanitary work*** has the meaning set out in regulation 32;

***sewage*** has the same meaning that it has under the **Water Act 1989**;

***specialised gasfitting work*** means any of the following classes of specialised plumbing work—

- (a) type A appliance conversion work;
- (b) type A appliance servicing work;
- (c) type B gasfitting work;
- (d) type B gasfitting advanced work;

***split system*** means a refrigerated air-conditioning appliance with separate indoor and outdoor components that requires pipework to be installed for its operation in a building;

***subsoil drain*** means a trench filled with filter material or enhanced by using slotted pipes for the purpose of conveying subsoil water;

*surface water drainage system* means any stormwater drains, retention tanks, pump installations and rising mains for the collection and conveyance of surface water, from paved and unpaved areas and discharges from downpipes, but does not include subsoil drains;

*the Act* means the **Building Act 1993**;

*trade waste* has the same meaning that it has under the **Water Act 1989**;

*trade waste agreement* has the same meaning that it has under Part 9 of the **Water Act 1989**;

*type A appliance* has the same meaning as *Type A appliance* has in section 3(1) of the **Gas Safety Act 1997**;

*type A appliance conversion work* has the meaning set out in regulation 22;

*type A appliance servicing work* has the meaning set out in regulation 21;

*type B gasfitting advanced work* has the meaning set out in regulation 24;

*type B gasfitting work* has the meaning set out in regulation 23;

*vessel* means any houseboat, yacht or marine craft used for recreation and includes a vessel that is used—

- (a) for hire and reward; or
- (b) as a restaurant or for public entertainment;

*wastewater* means spent or used water, including greywater and blackwater, which contains dissolved or suspended matter;

*water supply work* has the meaning set out in regulation 34.

## **6 Interpretation**

- (1) If a provision of any document applied, adopted or incorporated by, or referred to in, these Regulations is inconsistent with any provision in these Regulations, the provision of these Regulations prevails.
- (2) Subject to the Act and to these Regulations, words and expressions used in these Regulations have the same meaning as they have in the PCA.
- (3) A reference to plumbing work in these Regulations, except in Part 12, includes a reference to specialised plumbing work unless a contrary intention expressly appears or the context otherwise requires.
- (4) Any reference in a document incorporated by these Regulations to a requirement to comply with a direction, instruction, specification or requirement of a manufacturer when carrying out plumbing work is to be read as if the reference were to a requirement to comply with relevant best practice when carrying out that plumbing work.
- (5) In these Regulations—
  - (a) a reference to the installation, replacement, repair or alteration of a thing; or
  - (b) a reference to any one or more of the activities referred to in paragraph (a) in relation to a thing—includes the extension, renewal, relocation, connection, disconnection or removal of the thing.

- (6) In these Regulations a reference to the commissioning of a thing, unless a contrary intention expressly appears or the context otherwise requires, includes the recommissioning or decommissioning of the thing.
- (7) In these Regulations a reference to the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of a thing includes any work that is incidental to, or associated with—
- (a) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of that thing; or
  - (b) any extended meaning of an activity described in paragraph (a) referred to in subregulation (5) or (6) in relation to that thing.

## **Division 2—Plumbing Code of Australia**

### **7 Plumbing Code of Australia forms part of these Regulations**

Subject to regulation 8, the PCA is adopted by and forms part of these Regulations, as modified by these Regulations.

### **8 Provisions of the PCA not adopted**

The following Parts of the PCA are not adopted by, and do not form part of, these Regulations—

- (a) Part D2, to the extent that it relates to the following work—
  - (i) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of a subsoil drain;

- (ii) the construction or replacement of stormwater pits, below-ground storage or retention tanks;
  - (iii) any design work that is incidental to or associated with any work described in subparagraph (i) or (ii);
- (b) Parts F1 and F2.

Reg. 9  
substituted by  
S.R. No.  
21/2011 reg. 5.

## 9 Modifications to the PCA

- (1) The PCA is to be read as if—
  - (a) a reference to a plumbing or drainage installation were a reference to a plumbing or drainage system;
  - (b) a reference to a plumbing and drainage installation were a reference to a plumbing and drainage system;
  - (c) a reference to a plumbing installation were a reference to a plumbing or drainage system.
- (2) The PCA is to be read as if in paragraph (a) of clause A1.3, "relevant document listed in Table A3.1 as that document is issued, published or remade from time to time" were substituted for "edition or issue, together with any amendment listed in Table A3.1".
- (3) The PCA is to be read as if paragraph (d) of clause A1.3 were omitted.

Reg. 9(2)  
amended by  
S.R. No.  
113/2012  
reg. 6.

### Note

Additional modifications to the PCA are set out in Schedule 2.

## **Part 2—Plumbing work**

### **Division 1—Plumbing work regulated by Part 12A of the Act**

#### **10 Meaning of plumbing work**

- (1) For the purposes of section 221C of the Act the following plumbing work is plumbing work to which Part 12A of the Act applies—
- (a) backflow prevention work;
  - (b) drainage work;
  - (c) fire protection work;
  - (d) gasfitting work;
  - (e) irrigation (non-agricultural) work;
  - (f) mechanical services work;
  - (g) refrigerated air-conditioning work;
  - (h) roofing (stormwater) work;
  - (i) sanitary work;
  - (j) type A appliance conversion work;
  - (k) type A appliance servicing work;
  - (l) type B gasfitting work;
  - (m) type B gasfitting advanced work; and
  - (n) water supply work.
- (2) For the purpose of section 221C of the Act, the following work is not plumbing work to which Part 12A of the Act applies—
- (a) any work carried out in relation to a supply or discharge reticulation system or a treatment plant or any equipment, appliance, fixture or system associated with that system or plant (other than any equipment, appliance, fixture or system used mainly for

administrative or ablution purposes) owned by, or exclusively vested in—

(i) a gas company; or

Reg.  
10(2)(a)(ii)  
revoked by  
S.R. No.  
60/2014 reg. 6.

\* \* \* \* \*

(iii) an Authority that has a water district or a sewerage district under the **Water Act 1989**; or

(iv) a council when the work is for stormwater drainage system purposes;

- (b) the internal design, construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of any integral part of an on-site wastewater management system device or an on-site liquid trade waste management system device;
- (c) the opening or closing of inspection opening caps and covers in sewage, stormwater and waste pipes;
- (d) the clearing of blockages, or closed circuit television inspection of sewage, stormwater and waste pipes, using existing inspection openings or removable grates;
- (e) the connection for water use of hoses from appliances such as dishwashers and clothes washing machines to taps;
- (f) the connection of hoses to taps for the purposes of activities that use water including cleaning or watering a garden;
- (g) the connection of irrigation systems or devices to hose taps for the purposes of watering a garden or irrigation;

- (h) the installation of a refrigerated package appliance;
- (i) design work where that design work is carried out by a person in their capacity as—
  - (i) a building practitioner; or
  - (ii) an architect; or
  - (iii) a draftsman; or
  - (iv) an engineer; or
  - (v) a landscape architect; or
  - (vi) a designer—unless the design work is incidental to, or associated with, plumbing work (that is not design work) that is or will be carried out by that person.

**11 Plumbing work that may be carried out by unlicensed or unregistered persons**

- (1) For the purposes of section 221D(2)(b) of the Act, the change over of a 3 star shower head in a dwelling is plumbing work that may be carried out by a person who is not a licensed or registered plumber.
- (2) For the purposes of section 221D(2)(b) of the Act, the repair or replacement of tap washers and other minor tap repairs in a dwelling is plumbing work that may be carried out by a person who is not a licensed or registered plumber.

**Note**

Under section 221D(2)(a) of the Act, a person is excepted from having to be licensed or registered as a plumber when repairing a tap in a dwelling that the person owns and occupies. The above regulation extends this exception to non-owners or non-occupiers of a dwelling.



(3) In this regulation—

**3 star shower head** means a shower head with a water efficiency rating of 3 stars determined in accordance with AS/NZS 6400 Water efficient products—Rating and labelling as issued, published or remade from time to time;

**minor tap repairs** do not include the repair of any thermostatic mixing valve, tempering valve or backflow prevention device.

## **Division 2—Classes of plumbing work**

### **12 Classes of plumbing work other than specialised plumbing work**

For the purposes of the definition of *class of plumbing work* in section 221B(1) of the Act, the following classes of plumbing work are specified—

- (a) drainage work;
- (b) fire protection work;
- (c) gasfitting work;
- (d) irrigation (non-agricultural) work;
- (e) mechanical services work;
- (f) roofing (stormwater) work;
- (g) sanitary work; and
- (h) water supply work.

### **13 Classes of specialised plumbing work**

For the purposes of the definition of *class of specialised plumbing work* in section 221B(1) of the Act, the following classes of specialised plumbing work are specified—

- (a) backflow prevention work;
- (b) refrigerated air-conditioning work;
- (c) type A appliance conversion work;
- (d) type A appliance servicing work;
- (e) type B gasfitting advanced work; and
- (f) type B gasfitting work.

## **Part 3—Standard of plumbing work**

### **14 Standard of plumbing work**

Any registered plumber, licensed plumber or other person authorised to carry out plumbing work under the Act must carry out plumbing work in a good and workmanlike manner.

## **Part 4—Drainage**

### **15 Drainage work defined**

- (1) Drainage work is—
- (a) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of any part of a below-ground sanitary drainage system or a below-ground stormwater drainage system from the above-ground sewage, stormwater or waste pipes to the connection with the disposal system; and
  - (b) any design work that is incidental to, or associated with, any work described in paragraph (a).
- (2) Drainage work does not include—
- (a) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of—
    - (i) a subsoil drain for the sole purpose of subsoil water collection; or
    - (ii) stormwater pits, channels that are grated or below-ground storage or retention tanks; or
  - (b) any design work that is incidental to, or associated with, the work described in paragraph (a).

\* \* \* \* \*

**Reg. 16  
revoked by  
S.R. No.  
21/2011 reg. 6.**

## **Part 5—Fire protection**

### **17 Fire protection work defined**

- (1) Fire protection work is—
- (a) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of any part of a water service used for fire fighting, from the point of connection of the service to the water supply to any firefighting device or equipment forming part of that service, including the following equipment—
    - (i) a fire hydrant or hose reel;
    - (ii) a residential or domestic fire sprinkler system;
    - (iii) a commercial or industrial fire sprinkler system;
    - (iv) a fire system pump set other than the commissioning of a fire system pump set; and
  - (b) any design work that is incidental to, or associated with, any work described in paragraph (a).
- (2) In this regulation *water service* includes a service that is connected to a reticulated water supply, a rainwater supply or any other water supply.

### **18 Requirements for fire protection work**

In addition to any other requirements of these Regulations, fire protection work must comply with the requirements set out in Part 2 of Schedule 2.

## Part 6—Gasfitting

### 19 Terms used in this Part

Words and expressions used in this Part that are not defined in these Regulations or the PCA have the same meaning that they have in the following standards—

- (a) AS 4575 Gas appliances—Quality of servicing, as issued, published or remade from time to time;
- (b) AS 3814 Industrial and commercial gas-fired appliances, as issued, published or remade from time to time;
- (c) AS/NZS 5601.1 Gas installations Part 1: General installations, as issued, published or remade from time to time;
- (d) AS/NZS 5601.2 Gas installations Part 2: LP Gas installations in caravans and boats for non-propulsive purposes, as issued, published or remade from time to time.

Reg. 19(c)  
substituted by  
S.R. No.  
60/2014 reg. 7.

Reg. 19(d)  
inserted by  
S.R. No.  
60/2014 reg. 7.

### 20 Gasfitting work defined

- (1) Gasfitting work is the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of any pipe, appliance, flue, fitting, apparatus, control or other item that is involved with the supply or use of gas and that is fitted downstream of the outlet of a customer billing meter or a consumer's gas storage container and includes—
  - (a) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of—
    - (i) any gas appliance in, or on, a caravan or a vessel; and

- (ii) any roof sheeting and flashing that is necessary for the purpose of any work described in this subregulation; and
  - (b) any design work that is incidental to, or associated with, any work described in this subregulation.
- (2) Gasfitting work does not include—
- (a) any specialised gasfitting work; or
  - (b) any cleaning, painting or preparation work in relation to gas pipes or gas pipe joints that does not involve the connection, disconnection or alteration of those pipes or joints; or
  - (c) the connection or disconnection of a gas storage container for the purpose of filling or refilling the container; or
  - (d) any work in relation to an item that is involved with the supply or use of gas that relates to the propulsion system, or any system that is powered by the propulsion system, of any motor vehicle or vessel.

## **21 Type A appliance servicing work**

Type A appliance servicing work is the internal cleaning, maintenance and adjusting of a type A appliance and includes the adjustment, repair or replacement of components.

## **22 Type A appliance conversion work**

Type A appliance conversion work is the adjusting or altering of a type A appliance to operate on a different gas from—

- (a) the gas that the appliance was originally manufactured to use; or
- (b) the gas that the appliance had been previously converted to use.

### 23 Type B gasfitting work

- (1) Type B gasfitting work is the construction, installation, servicing and maintenance of a type B appliance between the gas isolating valve adjacent to the appliance and any flue connection and includes—
  - (a) repair and replacement of gas components; and
  - (b) the commissioning of gas components; and
  - (c) the commissioning of the gas burner system.
- (2) For the purposes of subregulation (1), ***type B appliance*** means any of the following single appliances of input greater than 10 MJ/h and less than 5000 MJ/h that forms part of an integrated industrial process—
  - (a) a water heater;
  - (b) a space heater;
  - (c) a vat or tank heater;
  - (d) a dryer or oven not associated with volatile solvents or hazardous atmospheres;
  - (e) a batch kiln with flame supervision and safeguards;
  - (f) any catering equipment.
- (3) In addition to the work described under subregulation (1), type B gasfitting work also includes the construction, installation, servicing and maintenance of a steam boiler or thermal fluid heater of input less than 10 000 MJ/h that forms part of an integrated industrial process between the gas isolating valve adjacent to the appliance and any flue connection, including the repair and replacement of gas components in that appliance.

Reg. 23(3)  
amended by  
S.R. No.  
113/2012  
reg. 7.



(4) In this regulation—

***batch kiln*** means a single industrial appliance for firing or drying a product in one discrete campaign or operating cycle that is not part of a continuous operation;

***thermal fluid heater*** means an appliance that uses an oil or hydrocarbon based heat transfer medium in the liquid phase.

#### **24 Type B gasfitting advanced work**

(1) Type B gasfitting advanced work is the construction, installation, servicing and maintenance of a type B appliance, including the gas supply componentry of the appliance, between the gas isolating valve adjacent to the appliance and any flue connection and includes—

- (a) the repair, replacement, alteration or modification of the burner and associated safety system; and
- (b) the commissioning of a new, existing or modified gas burner system; and
- (c) any design work that is incidental to, or associated with, any work described in this subregulation.

(2) In this regulation ***type B appliance*** means—

- (a) any appliance referred to in regulation 23(2) or 23(3); and
- (b) any of the following appliances of input greater than 10MJ/h—
  - (i) a furnace;
  - (ii) an appliance that is part of, or integrated with, a process for industrial manufacturing;

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- (iii) a dryer or oven associated with volatile solvents or hazardous atmospheres;
- (iv) a kiln.

## **Part 7—Irrigation (non-agricultural)**

### **25 Irrigation (non-agricultural) work defined**

- (1) Irrigation (non-agricultural) work is the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of any part of an irrigation system on a property from the connection point to any water supply in the system to the last valve or control to any pressurised zone in the system and includes any design work that is incidental to, or associated with, any work described in this subregulation.
- (2) Irrigation (non-agricultural) work does not include the design, construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of an irrigation system used for the purposes of agriculture.
- (3) In this regulation *connection point* means—
  - (a) the outlet side of the meter assembly in the system; or
  - (b) if no meter assembly is installed on the property, the principal control valve nearest to the property boundary.

## **Part 8—Mechanical services**

### **26 Mechanical services work defined**

- (1) Mechanical services work is the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of a mechanical heating, cooling or ventilation system in a building, which is associated with the heating, cooling or ventilation of that building and includes—
  - (a) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of—
    - (i) any valve, regulator, register, pipe, duct, flue, tank, heating or cooling pipe or surface, boiler, burner, solid fuel heater, coil or other item that is used in the system; and
    - (ii) any single head split system; and
    - (iii) in relation to a cooling tower, any water pipe, valve, pump, automated dosing device or automated bleeding device or any other mechanical component that affects the cooling tower's cooling water flow rate or wastewater disposal; and
    - (iv) any fixed component used in a reticulation system for the supply or removal of medical gases from the gas source to a wall outlet; and
    - (v) roof sheeting and flashing that is necessary for the purpose of any work described in this subregulation; and
  - (b) any design work that is incidental to, or associated with, any work described in this subregulation.

- (2) Mechanical services work does not include—
- (a) gasfitting work; or
  - (b) any work on a cooling tower drift eliminator;  
or
  - (c) any treatment of cooling water; or
  - (d) the connection or disconnection of a system referred to in subregulation (1) from a water supply other than disconnection of the system from a water supply at an isolating valve adjacent to a mechanical component of that system.
- (3) In this regulation—

***automated bleeding device*** means an automatic device used for the purposes of draining or bleeding or removing a fluid or gas;

***medical gases*** means any gas or mixture of gases or other substance or process used for hospital or medical use that is supplied to, removed from or conducted at, a hospital or other place where medical procedures are carried out, by way of a pipeline reticulation system and includes oxygen, helium, nitrous oxide, nitrogen, medical air, surgical tool gas, carbon dioxide and common mixtures of those gases as well as anaesthesia waste.

Reg. 26(3)  
def. of  
*medical gase*  
amended as  
*medical gases*  
by S.R. No.  
21/2011 reg. 7.

## **27 Requirements for mechanical services work**

In addition to any other requirements of these Regulations, mechanical services work must comply with Part 3 of Schedule 2.

## **28 Refrigerated air-conditioning work defined**

- (1) Refrigerated air-conditioning work is the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of refrigerated air-conditioning equipment, including—
  - (a) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of—
    - (i) flexible ductwork, associated with the heating and cooling of a building; and
    - (ii) roof sheeting and flashing that is necessary for the purpose of any work described in this subregulation; and
  - (b) any design work that is incidental to, or associated with, any work described in this subregulation.
- (2) Refrigerated air-conditioning work does not include—
  - (a) the connection or disconnection of refrigerated air-conditioning equipment from a water supply other than the disconnection of that equipment from a water supply at an isolating valve adjacent to a mechanical component of that equipment; or
  - (b) the treatment of cooling water; or
  - (c) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of a single head split system.

**29 Requirements for refrigerated air-conditioning work**

In addition to any other requirements of these Regulations, refrigerated air-conditioning work must comply with Part 4 of Schedule 2.

## **Part 9—Roofing (stormwater)**

### **30 Roofing (stormwater) work defined**

- (1) Roofing (stormwater) work is the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of any roof covering or roof flashing or any part of a roof drainage system involved in the collection or disposal of stormwater, which connects to ground level and includes—
- (a) the connection of any stormwater piping to—
    - (i) a below-ground stormwater drain; or
    - (ii) an on-site retention or storage tank; and
  - (b) any design work that is incidental to, or associated with, any work described in this subregulation.
- (2) Roofing (stormwater) work does not include—
- (a) any cleaning, painting or preparation work in relation to any item, device or equipment involved in the collection or disposal of stormwater other than the connection, disconnection or alteration of that item, device or equipment; or
  - (b) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of any roof covering consisting of non-metallic tiles, slate or flat membrane sheeting or any design work that is incidental to, or associated with, that work.

Reg. 30(1)  
amended by  
S.R. No.  
60/2014 reg. 8.



**31 Requirements for roofing (stormwater) work**

In addition to any other requirements of these Regulations, roofing (stormwater) work must comply with Part 5 of Schedule 2.

## **Part 10—Sanitary**

### **32 Sanitary work defined**

- (1) Sanitary work is the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of any part of an above-ground sanitary plumbing system to connect sanitary fixtures and appliances to a disposal system or below-ground sanitary drainage system and includes—
  - (a) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of—
    - (i) any fixture in, or on, a caravan or vessel that is connected to a disposal system or below-ground sanitary drainage system; and
    - (ii) any roof sheeting and flashing that is necessary for the purpose of any work described in this sub-regulation; and
  - (b) any design work that is incidental to, or associated with, any work described in this subregulation.
- (2) Sanitary work does not include—
  - (a) water supply work; or
  - (b) drainage work.

\* \* \* \* \*

**Reg. 33  
revoked by  
S.R. No.  
21/2011 reg. 8.**

## **Part 11—Water supply**

### **34 Water supply work defined**

- (1) Water supply work is—
- (a) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of the following—
    - (i) any part of a heated or cold water service that is connected to a drinking water supply from the point of connection to the water supply to the points of discharge of the service;
    - (ii) any part of a non-drinking heated or cold water service or rainwater service, from the point of connection to the water supply to the points of discharge of the service;
    - (iii) any heated water service in or on a caravan or vessel; and
  - (b) any design work that is incidental to, or associated with, any work described in this subregulation.
- (2) Water supply work does not include work described in subregulation (1) carried out in connection with the supply of piped non-drinking water for agricultural purposes unless the water is supplied by a network utility operator or other water provider.

### **35 Requirements for water supply work**

In addition to any other requirements of these Regulations, water supply work must comply with Part 7 of Schedule 2.

**36 Backflow prevention work defined**

Backflow prevention work is the repair, alteration, maintenance, testing or commissioning of a backflow prevention device, which is capable of being tested and is listed in Column 1 of Table 4.1 of AS/NZS 3500.1.

Reg. 36  
amended by  
S.R. No.  
31/2016 reg. 6.

**37 Requirements for backflow prevention work**

In addition to any other requirements of these Regulations, backflow prevention work must comply with Part 8 of Schedule 2.

Pt 12  
(Heading)  
substituted by  
S.R. No.  
82/2009 reg. 4.

## **Part 12—Eligibility requirements for licence or registration**

Reg. 37A  
inserted by  
S.R. No.  
82/2009 reg. 5,  
substituted by  
S.R. No.  
14/2011 reg. 3.

### **37A Prescribed class or classes of plumbing work or specialised plumbing work required to carry out specialised plumbing work**

- (1) For the purposes of section 221OA(1)(a) of the Act, the prescribed class or classes of plumbing work or specialised plumbing work required for registration in the class of specialised plumbing work set out in Column 2 of the Table in Schedule 2A is the class or classes of plumbing work or specialised plumbing work set out in Column 3 of that Table corresponding to that class of specialised plumbing work.
- (2) For the purposes of section 221N(1)(a) of the Act, the prescribed class or classes of plumbing work or specialised plumbing work required for a licence in the class of specialised plumbing work set out in Column 2 of the Table in Schedule 2A is the class or classes of plumbing work or specialised plumbing work set out in Column 4 of that Table corresponding to that class of specialised plumbing work.

### **38 Qualifications and experience required for classes of plumbing work other than specialised plumbing work**

- (1) The qualifications and experience required for a person to be able to be registered under section 221O of the Act to carry out a class of plumbing work set out in Column 2 of the Table in Part 1 of Schedule 3 are the qualifications and experience set out in Column 3 of that Table corresponding to that class of plumbing work.

- (2) The qualifications and experience required for a person to be able to be licensed under section 221M of the Act to carry out a class of plumbing work set out in Column 2 of the Table in Part 1 of Schedule 3 are the qualifications and experience set out in Column 4 of the Table corresponding to that class of plumbing work.

### **39 Qualifications and experience required for classes of specialised plumbing work**

- (1) The qualifications and experience required for a person to be able to be registered under section 221OA of the Act to carry out a class of specialised plumbing work set out in Column 2 of the Table in Part 2 of Schedule 3 are the qualifications and experience set out in Column 3 of that Table corresponding to that class of specialised plumbing work.
- (2) The qualifications and experience required for a person to be able to be licensed under section 221N of the Act to carry out a class of specialised plumbing work set out in Column 2 of the Table in Part 2 of Schedule 3 are the qualifications and experience set out in Column 4 of that Table corresponding to that class of specialised plumbing work.

### **40 Experience requirements**

Despite regulation 38, in the case of a person licensed or registered to carry out a particular class of plumbing work who applies to be licensed or registered to carry out another class of plumbing work, employment for not less than 1 year in work of that other class is sufficient for that person to meet the experience requirements to be licensed or registered to carry out that other class of plumbing work.

**41 Experience may be obtained over separate periods and with different employers**

For the purposes of this Part, the experience required for a person to be eligible to be registered or licensed as a plumber under the Act with respect to a class of plumbing work or specialised plumbing work may be obtained over more than one period and with more than one employer.

Reg. 42  
(Heading)  
amended by  
S.R. No.  
60/2014  
reg. 9(1).

**42 Authority may approve competency units**

Reg. 42(1)  
amended by  
S.R. No.  
60/2014  
reg. 9(2).

(1) For the purposes of this Part, the Authority may from time to time approve one or more competency units to be contained in a Certificate II course or a higher course relating to a class of plumbing work or specialised plumbing work.

Reg. 42(2)  
amended by  
S.R. No.  
60/2014  
reg. 9(2).

(2) The Authority may from time to time amend the competency units approved under subregulation (1) with respect to a class of plumbing work or specialised plumbing work.

Reg. 42(3)  
amended by  
S.R. No.  
60/2014  
reg. 9(2).

(3) The Authority must publish in the Government Gazette an up-to-date list of the competency units approved under this regulation with respect to a class of plumbing work or specialised plumbing work and the date that those units or amendments to those units come into effect.

## **Part 13—Fees and other amounts**

### **43 Fees**

For the purposes of Part 12A of the Act, the fee for a matter set out in Column 2 of the Table in Schedule 4 is the amount set out in Column 3 of that Table corresponding to that matter.

### **44 Value of plumbing work**

For the purposes of section 221ZH(1)(a) of the Act, the amount fixed is \$750.

### **45 Price of compliance certificate form**

For the purposes of section 221ZN(5) of the Act, the maximum amount that may be charged for the sale of a compliance certificate form is 2.43 fee units.

Reg. 45  
amended by  
S.R. Nos  
51/2010 reg. 4,  
49/2011 reg. 4,  
64/2012 reg. 4,  
81/2013 reg. 4,  
60/2014  
reg. 10.

### **46 Exemption from fees**

The Authority may wholly or partially exempt a person from having to pay a fee prescribed in this Part if, in its opinion, there are special circumstances.

Reg. 46  
amended by  
S.R. No.  
60/2014  
reg. 11.



## **Part 14—Transitional provisions**

### **47 Definitions**

In this Part—

*commencement date* means the date that these Regulations come into operation;

*former class of plumbing work* means a class of plumbing work prescribed under the old Regulations;

*old Regulations* means the Plumbing Regulations 1998<sup>1</sup>.

### **48 Former classes of plumbing work taken to be classes and types of plumbing work under these Regulations**

A former class of plumbing work that is set out in Column 2 of the Table in Schedule 5, is taken to be the class or classes of plumbing work, and, if applicable, the type or types of plumbing work falling within a class of plumbing work, prescribed under these Regulations set out in Column 3 of that Table corresponding to that former class of plumbing work.

### **49 Persons licensed or registered to carry out former class of plumbing work may continue to carry out that work**

- (1) A person who immediately before the commencement date was licensed under section 221M or 221N of the Act to carry out a former class of plumbing work set out in Column 2 of the Table in Schedule 5—
  - (a) is taken to be licensed under section 221M or 221N of the Act (as the case requires) to carry out the class or classes of plumbing work prescribed under these Regulations set

- out in Column 3 of the Table corresponding to that former class of plumbing work; and
- (b) if applicable, is taken to be licensed under section 221Q of the Act to carry out the type or types of plumbing work falling within a class of plumbing work prescribed under these Regulations set out in Column 3 of the Table corresponding to that former class of plumbing work.
- (2) A person who immediately before the commencement date was registered under section 221O or 221OA of the Act to carry out a former class of plumbing work set out in Column 2 of the Table in Schedule 5—
- (a) is taken to be registered under section 221O or 221OA of the Act (as the case requires) to carry out the class or classes of plumbing work prescribed under these Regulations set out in Column 3 of the Table corresponding to that former class of plumbing work; and
  - (b) if applicable, is taken to be registered under section 221R of the Act to carry out the type or types of plumbing work falling within a class of plumbing work prescribed under these Regulations set out in Column 3 of the Table corresponding to that former class of plumbing work.
- (3) A person who is taken to be licensed or registered to carry out a class or classes and, if applicable, a type or types of plumbing work under subregulation (1) or (2) is taken to be so licensed or registered until the date the person's licence or registration to carry out the former class of plumbing work would have expired had the old Regulations not been revoked.

- (4) Subregulation (3) ceases to apply if a person's licence or registration is suspended or cancelled under the Act.
- (5) As soon as is practicable after the commencement date, the Registrar must—
  - (a) seek the return of each licence or certificate of registration issued under Part 12A of the Act to carry out each former class of plumbing work set out in Column 2 of the Table in Schedule 5; and
  - (b) issue a replacement licence or certificate of registration under the relevant section of Part 12A of the Act in respect of the class or classes of plumbing work, and if applicable, the type or types of plumbing work, set out in Column 3 of the Table in Schedule 5 corresponding to that former class of plumbing work set out in Column 2 of that Table.
- (6) No fee is payable for the issue of a replacement licence or certificate of registration under subregulation (5).

**50 Persons eligible to be licensed or registered to carry out former class of plumbing work still eligible**

- (1) A person who immediately before the commencement date was eligible to be licensed under section 221M or 221N of the Act to carry out a former class of plumbing work set out in Column 2 of the Table in Schedule 5 is taken to be eligible to be licensed under section 221M or 221N of the Act (as the case requires) to carry out the class or classes of plumbing work prescribed under these Regulations set out in Column 3 of the Table corresponding to that former class of plumbing work.

- (2) A person who immediately before the commencement date was eligible to be registered under section 221O or 221OA of the Act to carry out a former class of plumbing work set out in Column 2 of the Table in Schedule 5 is taken to be eligible to be registered under section 221O or 221OA of the Act (as the case requires) to carry out the class or classes of plumbing work prescribed under these Regulations set out in Column 3 of the Table corresponding to that former class of plumbing work.

**51 Exemption from section 221D(1) of the Act for certain persons carrying out fire protection work**

A person, who immediately before the commencement date carried out any type of work described in regulation 17 that was not plumbing work under the old Regulations but is a type of fire protection work under these Regulations, is exempted from section 221D of the Act in relation to the carrying out of work of that type for the period ending one year after the commencement date.

Plumbing Regulations 2008  
S.R. No. 136/2008  
Schedules

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## Schedules

### Schedule 1—Revocations

Regulation 4

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<i>S.R. No.</i>	<i>Title</i>
148/1998	Plumbing Regulations 1998
16/1999	Plumbing (Amendment) Regulations 1999
15/2001	Plumbing (Cooling Towers) Regulations 2001
66/2001	Plumbing (Amendment) Regulations 2001
140/2003	Plumbing (Fees Amendment) Regulations 2003
79/2004	Plumbing (Water and Energy Savings) Regulations 2004
174/2004	Plumbing (Fees Amendment) Regulations 2004
57/2005	Plumbing (Fees Amendment) Regulations 2005
41/2006	Plumbing (Certification Marks) Regulations 2006
79/2006	Plumbing (Fees) Regulations 2006
154/2006	Plumbing (Shower Head) Regulations 2006
2/2007	Plumbing (Heat Pumps Amendment) Regulations 2007
85/2007	Plumbing (Fees Amendment) Regulations 2007

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## Schedule 2—Requirements in relation to plumbing work

Regulations 18, 27, 29,  
31, 35 and 37

\* \* \* \* \*

Sch. 2  
amended by  
S.R. No.  
31/2016 reg. 7.

Sch. 2 Pt 1  
(Heading and  
cls 1, 2)  
revoked by  
S.R. No.  
21/2011 reg. 9.

## Part 2—Requirements for fire protection work

### 3 Requirements for fire protection work

Fire protection work must comply with the following standards—

- (a) AS/NZS 1530.3 Methods for fire tests on building materials, components and structures Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release, as issued, published or remade from time to time;
- (b) AS 4118.1.1 Fire sprinkler systems Part 1.1: Components—Sprinklers and sprayers, as issued, published or remade from time to time;
- (c) AS 4118.1.2 Fire sprinkler systems Part 1.2: Components—Alarm valves (wet), as issued, published or remade from time to time;
- (d) AS 4118.1.3 Fire sprinkler systems Part 1.3: Components—Water motor alarms, as issued, published or remade from time to time;

Plumbing Regulations 2008  
S.R. No. 136/2008  
Schedule 2—Requirements in relation to plumbing work

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- (e) AS 4118.1.4 Fire sprinkler systems Part 1.4: Components—Valve monitors, as issued, published or remade from time to time;
- (f) AS 4118.1.5 Fire sprinkler systems Part 1.5: Components—Deluge and pre-action valves, as issued, published or remade from time to time;
- (g) AS 4118.1.6 Fire sprinkler systems Part 1.6: Components—Stop valves and non-return valves, as issued, published or remade from time to time;
- (h) AS 4118.1.7 Fire sprinkler systems Part 1.7: Components—Alarm valves (dry), as issued, published or remade from time to time;
- (i) AS 4118.1.8 Fire sprinkler systems Part 1.8: Components—Pressure-reducing valves, as issued, published or remade from time to time;
- (j) AS 2941 Fixed fire protection installations—Pumpset systems, as issued, published or remade from time to time;
- (k) AS 2118.2 Automatic fire sprinkler systems Part 2: Drencher systems, as issued, published or remade from time to time;
- (l) AS 2118.3 Automatic fire sprinkler systems Part 3: Deluge systems, as issued, published or remade from time to time;
- (m) AS 2118.8 Automatic fire sprinkler systems Part 8: Minor modifications, as issued, published or remade from time to time;

Sch. 2 Pt 2  
cl. 3(k)  
amended by  
S.R. No.  
31/2016  
reg. 8(1).

Sch. 2 Pt 2  
cl. 3(l)  
amended by  
S.R. No.  
31/2016  
reg. 8(2).

- (n) AS 2118.10 Automatic fire sprinkler systems Part 10: Approval documentation, as issued, published or remade from time to time;
- (o) AS 1851 Routine service of fire protection systems and equipment, as issued, published or remade from time to time;
- (p) AS 1682.2 Fire dampers Part 2: Installation, as issued, published or remade from time to time.

Sch. 2 Pt 2  
cl. 3(o)  
amended by  
S.R. No.  
31/2016  
reg. 8(3).

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Sch. 2 Pt 2  
cl. 3A  
inserted by  
S.R. No.  
157/2015  
reg. 6,  
revoked by  
S.R. No.  
31/2016  
reg. 9.<sup>2</sup>

## **Part 3—Requirements for mechanical services work**

### **4 Requirements for mechanical services work**

Mechanical services work must comply with the following standards—

- (a) AS/NZS 2918 Domestic solid fuel burning appliances—Installation, as issued, published or remade from time to time;
- (b) AS 2896 Medical gas systems—Installation and testing of non-flammable medical gas pipeline systems, as issued, published or remade from time to time;
- (c) AS 2473.3 Valves for compressed gas cylinders Part 3: Outlet connections for medical gases (including pin-indexed yoke connections), as issued, published or remade from time to time;



Sch. 2 Pt 3  
cl. 4(f)  
amended by  
S.R. No.  
31/2016  
reg. 10.

- (d) AS 2568 Medical gases—Purity of compressed medical breathing air, as issued, published or remade from time to time;
- (e) AS 2902 Medical gas systems—Low pressure flexible hose assemblies, as issued, published or remade from time to time;
- (f) AS/NZS 4859.1 Materials for the thermal insulation of buildings Part 1: General criteria and technical provisions, as issued, published or remade from time to time.

Sch. 2 Pt 3  
cl. 5  
amended by  
S.R. No.  
60/2014  
reg. 12(1).

## 5 Requirements for residential heating, cooling and air-conditioning equipment

Residential heating, cooling and air-conditioning equipment must be installed in accordance with HB 276—2004 A Guide to Good Practice for Energy Efficient Installation of Residential Heating, Cooling and Air Conditioning Plant and Equipment, published jointly by the Plumbing Industry Commission and Standards Australia, as issued, published or remade from time to time.

### Note

The Victorian Building Authority became the successor in law to the Plumbing Industry Commission on 1 July 2013.

Note to Sch. 2  
Pt 3 cl. 5  
inserted by  
S.R. No.  
60/2014  
reg. 12(2).

Sch. 2 Pt 3  
cl. 6  
revoked by  
S.R. No.  
21/2011  
reg. 10.

\* \* \* \* \*

## **Part 4—Requirements for refrigerated air-conditioning work**

### **7 Requirements for refrigerated air-conditioning work**

Refrigerated air-conditioning work must comply with the following—

- (a) AS/NZS 1677.1 Refrigerating systems  
Part 1: Refrigerant classification, as issued, published or remade from time to time;
- (b) AS/NZS 1677.2 Refrigerating systems  
Part 2: Safety requirements for fixed applications, as issued, published or remade from time to time;
- (c) HB 276—2004 A Guide to Good Practice for Energy Efficient Installation of Residential Heating, Cooling and Air Conditioning Plant and Equipment, published jointly by the Plumbing Industry Commission and Standards Australia, as issued, published or remade from time to time;

**Note**

The Victorian Building Authority became the successor in law to the Plumbing Industry Commission on 1 July 2013.

Sch. 2 Pt 4  
cl. 7(c)  
amended by  
S.R. No.  
60/2014  
reg. 13(1).

Note to Sch. 2  
Pt 4 cl. 7(c)  
inserted by  
S.R. No.  
60/2014  
reg. 13(2).

- (d) Australia and New Zealand refrigerant handling code of practice 2007 Part 1—  
Self-contained low charge systems,  
prepared jointly by the Australian Institute of Refrigeration, Air Conditioning and Heating and the Institute of Refrigeration, Heating and Air Conditioning Engineers New Zealand, as issued, published or remade from time to time;

- (e) Australia and New Zealand Refrigerant handling code of practice 2007 Part 2—Systems other than self-contained low charge systems, prepared jointly by the Australian Institute of Refrigeration, Air Conditioning and Heating and the Institute of Refrigeration, Heating and Air Conditioning Engineers New Zealand, as issued, published or remade from time to time.

## **Part 5—Requirements for roofing (stormwater) work**

### **8 Requirements for roofing (stormwater) work**

Roofing (stormwater) work must comply with the following—

- (a) SAA HB 39—1997 Installation code for metal roof and wall cladding, published by Standards Australia, as issued, published or remade from time to time (except for Appendices B, C and D);
- (b) AS 1562.1 Design and installation of sheet roof and wall cladding Part 1: Metal, as issued, published or remade from time to time;
- (c) AS 1562.3 Design and installation of sheet roof and wall cladding Part 3: Plastic, as issued, published or remade from time to time;
- (d) AS/NZS 4200.1 Pliable building membranes and underlays Part 1: Materials, as issued, published or remade from time to time;

- (e) AS/NZS 4200.2 Pliable building membranes and underlays Part 2: Installation requirements as issued, published or remade from time to time;
- (f) SAA/SNZ HB 114:1998 Guidelines for the design of eaves and box gutters, published jointly by Standards Australia and Standards New Zealand, as issued, published or remade from time to time.

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Sch. 2 Pt 6  
(Heading and  
cl. 9)  
revoked by  
S.R. No.  
21/2011  
reg. 11.

## Part 7—Requirements for water supply work

### 10 Definitions

In this Part—

***automatic or manual interchange device*** means a device that by way of manual or automatic means can alternate between varying water sources;

***Class 1 building*** has the same meaning as it has in the building regulations;

***heat pump water heater*** means a water heater using vapour compression cycle and incorporating a compressor, an evaporator and a condenser, which delivers heat to the water either directly or indirectly;

***solar pre-heater*** means a solar water heater without a booster heating unit;

Plumbing Regulations 2008  
S.R. No. 136/2008  
Schedule 2—Requirements in relation to plumbing work

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Sch. 2 Pt 7  
cl. 10 def. of  
*solar water  
heater*  
amended by  
S.R. No.  
113/2012  
reg. 8.

*solar water heater* means a system for heating water consisting of—

- (a) a solar collector and a container (that may be integral, close coupled or remote) that heats water by means of radiant energy from the sun and includes—
  - (i) a single container solar water heater with electric or gas boosting; or
  - (ii) 2 or more solar pre-heat containers connected to each other and to an electric booster or a gas booster; or
  - (iii) a solar pre-heater coupled with a conventional storage water heater; or
  - (iv) any other solar powered heater configuration that incorporates a heater referred to in subparagraph (i) and a component referred to in subparagraph (ii); or
- (b) a heat pump water heater.

Sch. 2 Pt 7  
cl. 11  
revoked by  
S.R. No.  
21/2011  
reg. 12.

\* \* \* \* \*

Sch. 2 Pt 7  
cl. 12  
revoked by  
S.R. No.  
21/2011  
reg. 13.

\* \* \* \* \*

**13 Water meter must be installed in water supply to cooling tower**

If required by the relevant network utility operator, a water meter must be installed in the water supply system supplying water to a cooling tower.

**14 Requirements where rainwater used for sanitary flushing**

- (1) If a reticulated water supply from a network utility operator is connected, or proposed to be connected to a building where a rainwater tank is installed for the purpose of sanitary flushing, an automatic or manual interchange device that allows alternate use of water from the rainwater tank or the reticulated water supply must be installed to ensure that there is a continual supply of water for sanitary flushing.
- (2) A rainwater tank installed in a new Class 1 building in order to comply with the requirements of the building regulations must—
  - (a) be installed in such a way that it receives the rainfall from a minimum catchment area of 50 square metres; and
  - (b) have a minimum capacity of 2000 litres; and
  - (c) be connected to all toilets in the building for the purpose of sanitary flushing in accordance with subclause (1).

**Note**

The Victorian variation to the energy efficiency provisions of the Building Code of Australia (as incorporated by the building regulations) provides that the energy efficiency performance requirement for a new Class 1 building is satisfied if either a rainwater tank is connected to all sanitary flushing systems or a solar water heater is installed in accordance with these Regulations.

**Note to  
Sch. 2 Pt 7  
cl. 14  
substituted by  
S.R. No.  
113/2012  
reg. 9.**

Sch. 2 Pt 7  
cl. 15  
substituted by  
S.R. No.  
113/2012  
reg. 10.

## **15 Requirements relating to solar water heaters—all buildings**

- (1) The solar collectors contained in a solar water heater installed in a building must—
  - (a) be oriented to face between 30 degrees east and 60 degrees west of magnetic north; and
  - (b) have an inclination of 35 degrees plus or minus 20 degrees to the horizontal.

### **Note**

For additional requirements relating to a solar water heater installed in a Class 1 building, see clauses 15A and 15B.

- (2) Subclause (1) does not apply to a new Class 1 building if—
  - (a) a solar water heater is installed in the building in order to comply with the building regulations; and
  - (b) the solar water heater installed is evaluated and performs to the standard required under clause 15B(1); and
  - (c) it is not practicable to comply with subclause (1).

Sch. 2 Pt 7  
cl. 15A  
inserted by  
S.R. No.  
113/2012  
reg. 10.

## **15A Requirements relating to solar water heaters—Class 1 buildings**

- (1) The annual energy performance of a solar water heater installed in a Class 1 building, if evaluated in accordance with AS/NZS 4234, must be evaluated in accordance with that standard as modified by subclause (2).

(2) For the purposes of subclause (1), AS/NZS 4234 is to be read as if—

(a) the following clause were inserted after clause 1.4.17—

**"1.4.17A Solar water heater**

A system for heating water consisting of—

- (a) a solar collector and a container (that may be integral, close coupled or remote) that heats water by means of radiant energy from the sun and includes—
  - (i) a single container solar water heater with electric or gas boosting; or
  - (ii) 2 or more solar pre-heat containers connected to each other and to an electric booster or gas booster; or
  - (iii) a solar pre-heater coupled with a conventional storage water heater; or
  - (iv) any other solar powered heater configuration that incorporates a heater referred to in subparagraph (i) and a component referred to in subparagraph (ii); or
- (b) a heat pump water heater."; and



- (b) the following clause were inserted after clause 3.3—

**"3.3A THERMAL ENERGY LOADS FOR EVALUATING SOLAR WATER HEATERS IN CLASS 1 BUILDINGS**

Despite Clause 3.3, the following load and environmental conditions in Appendix A must be adopted for evaluating the annual energy use of a solar water heater installed in a Class 1 building—

- (a) climate zone 4 for all simulation model inputs; and
- (b) for a building with less than 3 bedrooms—the small system peak daily thermal energy load, as set out in Table A3; and
- (c) for a building with 3 or more bedrooms—the medium system peak daily thermal energy load, as set out in Table A3; and
- (d) the collector inclination and azimuth modelled to the North orientation, as set out in Table A1."

Sch. 2 Pt 7  
cl. 15B  
inserted by  
S.R. No.  
113/2012  
reg. 10.

**15B Requirements relating to solar water heaters—new Class 1 buildings**

- (1) A solar water heater installed in a new Class 1 building, in order to comply with the requirements of the building regulations, must—

- (a) have its annual energy performance evaluated in accordance with AS/NZS 4234 as modified by clause 15A(2); and
  - (b) perform to a standard under which the energy savings, relative to a conventional water heater, are 60% or more when so evaluated.
- (2) A solar water heater installed in a new Class 1 building must have attached to the heater's water heater storage container a legible label that is in the following form and contains the information required to complete the label—

"This solar water heater installation complies with the Plumbing Regulations 2008 (Victoria) when installed with the following collectors

<i>No. of bedrooms in building</i>	<i>1-2</i>	<i>3 or more</i>
Number of collectors installed in building		
Model number of each collector installed in building		

- "
- (3) Subclause (2) does not apply to a heat pump water heater.
  - (4) If a reticulated gas supply from a gas company is available for connection to a new Class 1 building, a solar water heater installed in that building must be—
    - (a) if it incorporates booster heating and is not a heat pump water heater—a gas boosted solar water heater; and

- (b) if it is a heat pump water heater—installed so that no part of the heater that is capable of heating water can be connected to the mains electricity supply in order for that part of the heater to operate.

**Note**

The Victorian variation to the energy efficiency provisions of the Building Code of Australia (as incorporated by the building regulations) provides that the energy efficiency performance requirement for a new Class 1 building is satisfied if either a rainwater tank is connected to all sanitary flushing systems or a solar water heater is installed in accordance with these Regulations.

Sch. 2 Pt 7  
cl. 16  
substituted by  
S.R. No.  
21/2011  
reg. 14.

**16 Requirement regarding non-drinking water service**

The PCA is modified to the extent that AS/NZS 3500.1, as incorporated by the PCA, is to be read as if there were substituted for Clause 9.5.2.3(d)—

- "(d) They shall have a non-standard inlet connecting thread and a standard hose connection outlet."

Sch. 2 Pt 7  
cl. 17  
revoked by  
S.R. No.  
21/2011  
reg. 15.

\* \* \* \* \*

**Part 8—Requirements for backflow prevention work**

**18 Requirement for backflow prevention work**

Backflow prevention work must comply with AS 2845.2 Water supply—Backflow prevention devices Part 2: Air gaps and break tanks, as issued, published or remade from time to time.

Plumbing Regulations 2008

S.R. No. 136/2008

Schedule 2A—Prescribed class or classes of plumbing work or specialised plumbing work to carry out specialised plumbing work

**Schedule 2A—Prescribed class or classes of plumbing work or specialised plumbing work to carry out specialised plumbing work**

Regulation 37A

Sch. 2A  
inserted by  
S.R. No.  
82/2009 reg. 6,  
substituted by  
S.R. No.  
14/2011 reg. 4.

<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>	<i>Column 4</i>
<i>Item number</i>	<i>Class of specialised plumbing work</i>	<i>Prescribed class or classes of plumbing work or specialised plumbing work for registration under section 221OA of the Act</i>	<i>Prescribed class or classes of plumbing work or specialised plumbing work for a licence under section 221N of the Act</i>
1	Backflow prevention work	Water supply work	Water supply work
2	Refrigerated air-conditioning work	Mechanical services work	Mechanical services work
3	Type A appliance conversion work	Gasfitting work	Gasfitting work
4	Type A appliance servicing work	Gasfitting work	Gasfitting work
5	Type B gasfitting work	Gasfitting work	Gasfitting work
6	Type B gasfitting advanced work	Gasfitting work Type B gasfitting work	Gasfitting work Type B gasfitting work

Plumbing Regulations 2008  
S.R. No. 136/2008  
Schedule 3—Qualifications and experience requirements for licence or  
registration

## Schedule 3—Qualifications and experience requirements for licence or registration

Regulations 38, 39

Sch. 3 Pt 1  
amended by  
S.R. No.  
60/2014  
reg. 14.

### Part 1—Qualifications and experience required in respect of classes of plumbing work

<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>	<i>Column 4</i>
<i>Item number</i>	<i>Class of plumbing work</i>	<i>Qualifications and experience required for registration under section 221O to carry out a class of plumbing work</i>	<i>Qualifications and experience required for licence under section 221M to carry out a class of plumbing work</i>
1	Drainage work	The following qualifications are required— (a) successful completion of a Certificate III course relating to plumbing work (except in the case of drainage work or irrigation (non-agricultural) work where a Certificate II course is sufficient) that includes the approved competency units for that class of plumbing work; and	Successful completion of the Authority's examination of licence competencies for that class of plumbing work.  <b>Note</b> Section 221M(1)(a) of the Act requires a person to be eligible for registration with respect to a class of plumbing work in order to be licensed to carry out that class of plumbing work.
2	Fire protection work		
3	Gasfitting work		
4	Irrigation (non-agricultural) work		
5	Mechanical services work		
6	Roofing (stormwater) work		
7	Sanitary work		
8	Water supply work		

Plumbing Regulations 2008  
S.R. No. 136/2008  
Schedule 3—Qualifications and experience requirements for licence or  
registration

<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>	<i>Column 4</i>
<i>Item number</i>	<i>Class of plumbing work</i>	<i>Qualifications and experience required for registration under section 221O to carry out a class of plumbing work</i>	<i>Qualifications and experience required for licence under section 221M to carry out a class of plumbing work</i>
		<p>(b) successful completion of the Authority's examination of competencies for that class of plumbing work.</p> <p>Either of the following types of experience are required—</p> <p>(a) completion of an apprenticeship under the supervision of a plumber qualified to carry out work of that class of plumbing work; or</p> <p>(b) employment for 4 years in that class of plumbing work except in the case of Drainage work or Irrigation (Non-agricultural) work where 2 years is sufficient.</p>	

Plumbing Regulations 2008  
S.R. No. 136/2008  
Schedule 3—Qualifications and experience requirements for licence or  
registration

Sch. 3 Pt 2  
substituted by  
S.R. Nos  
82/2009 reg. 7,  
14/2011 reg. 5,  
amended by  
S.R. Nos  
113/2012  
reg. 11,  
60/2014  
reg. 14.

## Part 2—Qualifications and experience required in respect of classes of specialised plumbing work

<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>	<i>Column 4</i>
<i>Item number</i>	<i>Class of specialised plumbing work</i>	<i>Qualifications and experience required for registration under section 221OA of the Act to carry out a class of specialised plumbing work</i>	<i>Qualifications and experience required for a licence under section 221N of the Act to carry out a class of specialised plumbing work</i>
1	Backflow prevention work	The qualification required is the successful completion of the Authority's examination of registration competencies for backflow prevention work.	The qualification required is the successful completion of the Authority's examination of licence competencies for backflow prevention work.
2	Refrigerated air- conditioning work	The following qualifications are required— (a) the holding of a Restricted electrical worker's licence (Class 2); and (b) either of the following— (i) successful completion of a Certificate III course that includes the approved competency units for refrigerated air-conditioning work; or	The following qualifications are required— (a) the holding of a Restricted electrical worker's licence (Class 2); and (b) either of the following— (i) successful completion of a Certificate III course that includes the approved competency units for refrigerated air-conditioning work; or

Plumbing Regulations 2008  
S.R. No. 136/2008  
Schedule 3—Qualifications and experience requirements for licence or  
registration

<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>	<i>Column 4</i>
<i>Item number</i>	<i>Class of specialised plumbing work</i>	<i>Qualifications and experience required for registration under section 221OA of the Act to carry out a class of specialised plumbing work</i>	<i>Qualifications and experience required for a licence under section 221N of the Act to carry out a class of specialised plumbing work</i>
		(ii) successful completion of the Authority's examination of registration competencies for refrigerated air-conditioning work.	(ii) successful completion of the Authority's examination of licence competencies for refrigerated air-conditioning work.
		Either of the following types of experience are required—	Either of the following types of experience are required—
		(a) completion of a refrigeration apprenticeship; or	(a) completion of a refrigeration apprenticeship; or
		(b) employment for 4 years in refrigerated air-conditioning work.	(b) employment for 4 years in refrigerated air-conditioning work.
3	Type A appliance conversion work	The qualification required is the successful completion of the Authority's examination of registration competencies for Type A appliance conversion work.	The qualification required is the successful completion of the Authority's examination of licence competencies for Type A appliance conversion work.
4	Type A appliance servicing work	The qualification required is the successful completion of the Authority's examination of registration competencies for Type A appliance servicing work.	The qualification required is the successful completion of the Authority's examination of licence competencies for Type A appliance servicing work.



Plumbing Regulations 2008  
S.R. No. 136/2008  
Schedule 3—Qualifications and experience requirements for licence or  
registration

<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>	<i>Column 4</i>
<i>Item number</i>	<i>Class of specialised plumbing work</i>	<i>Qualifications and experience required for registration under section 221OA of the Act to carry out a class of specialised plumbing work</i>	<i>Qualifications and experience required for a licence under section 221N of the Act to carry out a class of specialised plumbing work</i>
5	Type B gasfitting work	<p>The following qualifications are required—</p> <p>(a) the holding of a Restricted electrical worker's licence (Class 2); and</p> <p>(b) successful completion of the Authority's examination of registration competencies for type B gasfitting work.</p> <p>The experience required is employment for 2 years in type B gasfitting work.</p>	<p>The following qualifications are required—</p> <p>(a) the holding of registration to carry out type B gasfitting work; and</p> <p>(b) successful completion of the Authority's examination of licence competencies for type B gasfitting work.</p>
6	Type B gasfitting advanced work	<p>The qualification required is the successful completion of the Authority's examination of registration competencies for type B gasfitting advanced work.</p>	<p>The qualification required is the successful completion of the Authority's examination of licence competencies for type B gasfitting advanced work.</p>

Plumbing Regulations 2008  
S.R. No. 136/2008  
Schedule 4—Fees

## Schedule 4—Fees

Regulation 43

<i>Column 1</i> <i>Item</i> <i>number</i>	<i>Column 2</i> <i>Matter</i>	<i>Column 3</i> <i>Fee</i>
1	For an application under section 221T of the Act for a licence, registration or endorsement under section 221M, 221N, 221O, 221OA, 221P, 221Q or 221R of the Act	3·84 fee units
2	For a licence under section 221M or 221Q of the Act or a renewal of that licence (if not endorsed) under section 221ZD of the Act	21·37 fee units
3	For registration under section 221O or 221R of the Act or a renewal of that registration (if not endorsed) under section 221ZD of the Act	24·11 fee units
4	For an endorsement under section 221N or 221OA of the Act	2·13 fee units
5	For a renewal of an endorsed licence or registration under section 221ZD of the Act	21·37 fee units plus 2·13 fee units for each endorsement on the licence or registration
6	For provisional registration under section 221P of the Act or a renewal of provisional registration under section 221ZD of the Act	8·03 fee units
7	For a temporary licence under section 221W of the Act	5·29 fee units
8	For temporary registration under section 221W of the Act	2·13 fee units
9	For a late renewal under section 221ZE of the Act	5·29 fee units
10	For a duplicate licence or registration document under section 221Y of the Act	2·13 fee units

Sch. 4  
substituted by  
S.R. Nos  
51/2010 reg. 5,  
49/2011 reg. 5,  
64/2012 reg. 5,  
81/2013 reg. 5,  
amended by  
S.R. No.  
60/2014  
reg. 15.

Plumbing Regulations 2008  
S.R. No. 136/2008  
Schedule 4—Fees

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<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>
<i>Item number</i>	<i>Matter</i>	<i>Fee</i>
11	For an application for a declaration modifying the plumbing regulations under section 221ZZO of the Act	8.03 fee units
12	For a practical examination conducted by, or on behalf of, the Authority	11.71 fee units
13	For a theory examination conducted by, or on behalf of, the Authority	4.27 fee units

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Plumbing Regulations 2008  
S.R. No. 136/2008  
Schedule 5—Transitional—classes and types of plumbing work

## Schedule 5—Transitional—classes and types of plumbing work

Regulations 48, 49 and 50

<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>
<i>Item number</i>	<i>Class of plumbing work prescribed under the old Regulations</i>	<i>Class or classes of plumbing work, or types of a class of plumbing work, prescribed under these Regulations</i>
1	Plumbing (Backflow Prevention) work	Backflow prevention work
2	Plumbing (Draining) work	Drainage work
3	Plumbing (Gasfitting) work	Gasfitting work and Type A appliance servicing work
4	Plumbing (Mechanical Services) work	Mechanical services work and Refrigerated air-conditioning work
5	Plumbing (Residential and Domestic Fire Sprinkler Systems) work	Fire protection work relating only to a residential or domestic fire sprinkler system
6	Plumbing (Roofing (Stormwater)) work	Roofing (stormwater) work
7	Plumbing (Sanitary) work	Sanitary work
8	Plumbing (Type A Gas Appliance Conversion) work	Type A appliance conversion work
9	Plumbing (Type B Gasfitting) work	Type B gasfitting work and Type B gasfitting advanced work

Plumbing Regulations 2008  
S.R. No. 136/2008  
Schedule 5—Transitional—classes and types of plumbing work

<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>
<i>Item number</i>	<i>Class of plumbing work prescribed under the old Regulations</i>	<i>Class or classes of plumbing work, or types of a class of plumbing work, prescribed under these Regulations</i>
10	Plumbing (Water Supply) work	Water supply work and Irrigation (non-agricultural) work and Fire protection work relating only to a fire hydrant, hose reel or a residential or domestic fire sprinkler system in a residential building of more than 4 storeys

## Endnotes

### 1 General information

See [www.legislation.vic.gov.au](http://www.legislation.vic.gov.au) for Victorian Bills, Acts and current authorised versions of legislation and up-to-date legislative information.

The Plumbing Regulations 2008, S.R. No. 136/2008 were made on 18 November 2008 by the Governor in Council under sections 221ZZZV and 262 of the **Building Act 1993**, No. 126/1993 and came into operation on 24 November 2008: regulation 3.

The Plumbing Regulations 2008 will sunset 10 years after the day of making on 18 November 2018 (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).

Plumbing Regulations 2008  
S.R. No. 136/2008  
Endnotes

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## 2 Table of Amendments

This publication incorporates amendments made to the Plumbing Regulations 2008 by statutory rules, subordinate instruments and Acts.

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Plumbing Amendment Regulations 2009, S.R. No. 82/2009	
<i>Date of Making:</i>	14.7.09
<i>Date of Commencement:</i>	1.9.09: reg. 3
Plumbing Amendment (Fees) Regulations 2010, S.R. No. 51/2010	
<i>Date of Making:</i>	23.6.10
<i>Date of Commencement:</i>	1.7.10: reg. 3
Plumbing Amendment Regulations 2011, S.R. No. 14/2011	
<i>Date of Making:</i>	29.3.11
<i>Date of Commencement:</i>	29.3.11
Plumbing Further Amendment Regulations 2011, S.R. No. 21/2011	
<i>Date of Making:</i>	19.4.11
<i>Date of Commencement:</i>	1.5.11: reg. 3
Plumbing Amendment (Fees) Regulations 2011, S.R. No. 49/2011	
<i>Date of Making:</i>	28.6.11
<i>Date of Commencement:</i>	1.7.11: reg. 3
Plumbing Amendment (Fees) Regulations 2012, S.R. No. 64/2012	
<i>Date of Making:</i>	28.6.12
<i>Date of Commencement:</i>	1.7.12: reg. 3
Plumbing Amendment Regulations 2012, S.R. No. 113/2012	
<i>Date of Making:</i>	16.10.12
<i>Date of Commencement:</i>	Regs 5(2), 6, 7, 9, 11 on 19.10.12: reg. 3(1); regs 5(1), 8, 10 on 19.4.13: reg. 3(2)
Plumbing Amendment (Fees) Regulations 2013, S.R. No. 81/2013	
<i>Date of Making:</i>	25.6.13
<i>Date of Commencement:</i>	1.7.13: reg. 3
Plumbing Amendment Regulations 2014, S.R. No. 60/2014	
<i>Date of Making:</i>	17.6.14
<i>Date of Commencement:</i>	30.6.14: reg. 2
Building and Plumbing Amendment (Balcony Sprinkler Protection) Interim Regulations 2015, S.R. No. 157/2015	
<i>Date of Making:</i>	15.12.15
<i>Date of Commencement:</i>	Reg. 6 on 15.12.15: reg. 3(1)
Plumbing Amendment Regulations 2016, S.R. No. 31/2016	
<i>Date of Making:</i>	19.4.16
<i>Date of Commencement:</i>	Regs 5–8, 10 on 19.4.16: reg. 3(1); reg. 9 on 1.5.16: reg. 3(2)



Plumbing Regulations 2008  
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Building and Plumbing Amendment (Balcony Sprinkler Protection) Interim  
Regulations 2015, S.R. No. 157/2015

*Date of Making:* 15.12.15

*Date of Commencement:* Reg. 7 on 6.6.16: reg. 3(2)

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### **3 Amendments Not in Operation**

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

#### 4 Explanatory details

<sup>1</sup> Reg. 47: S.R. No. 148/1998, revoked by regulation 4 (Schedule 1).

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#### Table of Applied, Adopted or Incorporated Matter

Note that the following table of applied, adopted or incorporated matter is included in accordance with the requirements of regulation 5 of the Subordinate Legislation Regulations 2004.

In this table—

**AS 4234—1994** means AS 4234—1994 Solar water heaters—Domestic and heat pump—Calculation of energy consumption, published by Standards Australia 22 August 1994;

**AS/NZS 3500.1:2003** means AS/NZS 3500.1:2003 Plumbing and drainage Part 1: Water Services, published jointly by Standards Australia and Standards New Zealand 15 December 2003;

**AS/NZS 3500.2:2003** means AS/NZS 3500.2:2003 Plumbing and drainage Part 2: Sanitary plumbing and drainage, published jointly by Standards Australia and Standards New Zealand 15 December 2003, reissued August 2006;

**AS/NZS 3500.4:2003** means AS/NZS 3500.4:2003 Plumbing and Drainage Part 4: Heated water services, published jointly by Standards Australia and Standards New Zealand 15 December 2003, reissued November 2005;

**HB 276—2004** means A Guide to Good Practice for Energy Efficient Installation of Residential Heating, Cooling and Air Conditioning Plant and Equipment, published jointly by Standards Australia and the Plumbing Industry Commission in 2004;

**PCA** means the Plumbing Code of Australia, produced by the National Plumbing Regulators Forum, published December 2004;

**Principal Regulations** means the Plumbing Regulations 2008.

Plumbing Regulations 2008

S.R. No. 136/2008

Endnotes

<b>Statutory Rule Provision</b>	<b>Title of applied, adopted or incorporated document</b>	<b>Matter in applied, adopted or incorporated document</b>
Regulation 7 of the Principal Regulations	PCA	The whole except as set out in Regulation 8
Regulation 9(1) of the Principal Regulations	PCA	The whole except as set out in Regulation 8
Regulation 9(2) of the Principal Regulations	PCA	Clause A1.3
Regulation 11(3) of the Principal Regulations	AS/NZS 6400:2005 Water efficient products—Rating and labelling, published jointly by Standards Australia and Standards New Zealand 1 June 2005, reissued December 2006.	The whole
Regulation 19(a) of the Principal Regulations	AS 4575—2005 Gas appliances—Quality of servicing, published by Standards Australia 25 February 2005.	The whole
Regulation 19(b) of the Principal Regulations	AS 3814—2005 Industrial and commercial gas-fired appliances, published by Standards Australia 3 August 2005.	The whole
Regulation 19(c) of the Principal Regulations	AS 5601—2004 Gas Installations, published by Standards Australia 4 November 2004.	The whole
Regulation 36 of the Principal Regulations	AS/NZS 3500.1:2003	Column 1 of Table 4.1

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<b>Statutory Rule Provision</b>	<b>Title of applied, adopted or incorporated document</b>	<b>Matter in applied, adopted or incorporated document</b>
Schedule 2 Part 1 Clause 1(1) of the Principal Regulations	AS/NZS 3500.2:2003	Clause 4.4.2.1
Schedule 2 Part 1 Clause 1(3) of the Principal Regulations	AS/NZS 3500.2:2003 as incorporated by the PCA.	Clauses 13.2.1 and 13.3.2
Schedule 2, Part 1 Clause 2(2)(b) of the Principal Regulations	AS/NZS 3500.2:2003	Clauses 4.6.2 and 4.6.5
Schedule 2, Part 1 Clause 2(3) of the Principal Regulations	AS/NZS 3500.2:2003	Clause 6.8.3
Schedule 2 Part 2 Clause 3(a) of the Principal Regulations	AS/NZS 1530.3:1999 Methods for fire tests on building materials, components and structures Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release, published jointly by Standards Australia and Standards New Zealand 5 November 1999.	The whole
Schedule 2 Part 2 Clause 3(b) of the Principal Regulations	AS 4118.1.1—1996 Fire sprinkler systems Part 1.1: Components—Sprinklers and sprayers, published by Standards Australia 5 June 1996.	The whole
Schedule 2 Part 2 Clause 3(c) of the Principal Regulations	AS 4118.1.2—1996 Fire sprinkler systems Part 1.2: Components—Alarm valves (wet), published by Standards Australia 5 January 1996.	The whole

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<b>Statutory Rule Provision</b>	<b>Title of applied, adopted or incorporated document</b>	<b>Matter in applied, adopted or incorporated document</b>
Schedule 2 Part 2 Clause 3(d) of the Principal Regulations	AS 4118.1.3—1995 Fire sprinkler systems Part 1.3: Components—Water motor alarms, published by Standards Australia 5 June 1995.	The whole
Schedule 2 Part 2 Clause 3(e) of the Principal Regulations	AS 4118.1.4—1994 Fire sprinkler systems Part 1.4: Components—Valve monitors, published by Standards Australia 17 January 1994.	The whole
Schedule 2 Part 2 Clause 3(f) of the Principal Regulations	AS 4118.1.5—1996 Fire sprinkler systems Part 1.5: Components—Deluge and pre-action valves, published by Standards Australia 5 January 1996.	The whole
Schedule 2 Part 2 Clause 3(g) of the Principal Regulations	AS 4118.1.6—1995 Fire sprinkler systems Part 1.6: Components—Stop valves and non-return valves, published by Standards Australia 5 April 1995.	The whole
Schedule 2 Part 2 Clause 3(h) of the Principal Regulations	AS 4118.1.7—1996 Fire sprinkler systems Part 1.7: Components—Alarm valves (dry), published by Standards Australia 5 January 1996.	The whole
Schedule 2 Part 2 Clause 3(i) of the Principal Regulations	AS 4118.1.8—1999 Fire sprinkler systems Part 1.8: Components—Pressure-reducing valves, published by Standards Australia 5 May 1999.	The whole

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<b>Statutory Rule Provision</b>	<b>Title of applied, adopted or incorporated document</b>	<b>Matter in applied, adopted or incorporated document</b>
Schedule 2 Part 2 Clause 3(j) of the Principal Regulations	AS 2941—2002 Fixed fire protection installations—Pumpset systems, published by Standards Australia 30 May 2008, reissued May 2008.	The whole
Schedule 2 Part 2 Clause 3(k) of the Principal Regulations	AS 2118.2—1995 Automatic fire sprinkler systems Part 2: Wall wetting sprinklers (Drenchers), published by Standards Australia 5 April 1995.	The whole
Schedule 2 Part 2 Clause 3(l) of the Principal Regulations	AS 2118.3—1997 Automatic fire sprinkler systems Part 3: Deluge, published by Standards Australia 5 December 1997.	The whole
Schedule 2 Part 2 Clause 3(m) of the Principal Regulations	AS 2118.8—1997 Automatic fire sprinkler systems Part 8: Minor modifications, published by Standards Australia 5 December 1997.	The whole
Schedule 2 Part 2 Clause 3(n) of the Principal Regulations	AS 2118.10—1995 Automatic fire sprinkler systems Part 10: Approval documentation, published by Standards Australia 5 June 1995.	The whole
Schedule 2 Part 2 Clause 3(o) of the Principal Regulations	AS 1851—2005 Maintenance of Fire Protection Systems and Equipment, published by Standards Australia 5 September 2005, reissued May 2008.	The whole

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<b>Statutory Rule Provision</b>	<b>Title of applied, adopted or incorporated document</b>	<b>Matter in applied, adopted or incorporated document</b>
Schedule 2 Part 2 Clause 3(p) of the Principal Regulations	AS 1682.2—1990 Fire dampers Part 2: Installation, published by Standards Australia 12 November 1990.	The whole
Schedule 2 Part 3 Clause 4(a) of the Principal Regulations	AS/NZS 2918:2001 Domestic solid fuel burning appliances— Installation, published jointly by Standards Australia and Standards New Zealand 21 November 2001.	The whole
Schedule 2 Part 3 Clause 4(b) of the Principal Regulations	AS 2896—1998 Medical gas systems—Installation and testing of non-flammable medical gas pipeline systems, published by Standards Australia 5 January 1998, reissued October 1999.	The whole
Schedule 2 Part 3 Clause 4(c) of the Principal Regulations	AS 2473.3—2007 Valves for compressed gas cylinders Part 3: Outlet connections for medical gases (including pin-indexed yoke connections), published by Standards Australia 4 December 2007.	The whole
Schedule 2 Part 3 Clause 4(d) of the Principal Regulations	AS 2568—1991 Medical gases—Purity of compressed medical breathing air, published by Standards Australia, 11 February 1991.	The whole
Schedule 2 Part 3 Clause 4(e) of the Principal Regulations	AS 2902—2005 Medical gas systems—Low pressure flexible hose assemblies, published by Standards Australia 15 July 2005.	The whole



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<b>Statutory Rule Provision</b>	<b>Title of applied, adopted or incorporated document</b>	<b>Matter in applied, adopted or incorporated document</b>
Schedule 2 Part 3 Clause 4(f) of the Principal Regulations	AS 4859.1:2002 Materials for the thermal insulation of buildings Part 1: General criteria and technical provisions, published by Standards Australia 15 October 2002, reissued December 2006.	The whole
Schedule 2 Part 3 Clause 5 of the Principal Regulations	HB 276—2004.	The whole
Schedule 2 Part 3 Clause 6(1)(b) of the Principal Regulations	AS/NZS 3500.2:2003.	Clauses 4.6.7.8 and 11.22
Schedule 2 Part 4 Clause 7(a) of the Principal Regulations	AS/NZS 1677.1:1998 Refrigerating Systems Part 1: Refrigerant classification, published jointly by Standards Australia and Standards New Zealand 5 January 1998, reissued July 2002.	The whole
Schedule 2 Part 4 Clause 7(b) of the Principal Regulations	AS/NZS 1677.2:1998 Refrigerating Systems Part 2: Safety requirements for fixed applications, published jointly by Standards Australia and Standards New Zealand 5 January 1998, reissued December 2000.	The whole
Schedule 2 Part 4 Clause 7(c) of the Principal Regulations	HB 276—2004.	The whole

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<b>Statutory Rule Provision</b>	<b>Title of applied, adopted or incorporated document</b>	<b>Matter in applied, adopted or incorporated document</b>
Schedule 2 Part 4 Clause 7(d) of the Principal Regulations	Australian and New Zealand Refrigerant handling code of practice 2007 Part 1: Self-contained low charge systems, prepared jointly by the Australian Institute of Refrigeration, Air Conditioning and Heating and the Institute of Refrigeration, Heating and Air Conditioning Engineers New Zealand, published September 2007.	The whole
Schedule 2 Part 4 Clause 7(e) of the Principal Regulations	Australian and New Zealand Refrigerant handling code of practice 2007 Part 2: Systems other than self-contained low charge systems, prepared jointly by the Australian Institute of Refrigeration, Air Conditioning and Heating and the Institute of Refrigeration, Heating and Air Conditioning Engineers New Zealand, published September 2007.	The whole
Schedule 2 Part 5 Clause 8(a) of the Principal Regulations	SAA HB 39—1997 Installation code for metal roof and wall cladding, published by Standards Australia 1997.	The whole except Appendices B, C and D
Schedule 2 Part 5 Clause 8(b) of the Principal Regulations	AS 1562.1—1992 Design and installation of sheet roof and wall cladding Part 1: Metal, published by Standards Australia 20 July 1992, reissued September 1995.	The whole

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<b>Statutory Rule Provision</b>	<b>Title of applied, adopted or incorporated document</b>	<b>Matter in applied, adopted or incorporated document</b>
Schedule 2 Part 5 Clause 8(c) of the Principal Regulations	AS 1562.3—2006 Design and installation of sheet roof and wall cladding Part 3: Plastic, published by Standards Australia 30 June 2006.	The whole
Schedule 2 Part 5 Clause 8(d) of the Principal Regulations	AS/NZS 4200.1:1994 Pliable building membranes and underlays Part 1: Materials, published jointly by Standards Australia and Standards New Zealand 18 July 1994.	The whole
Schedule 2 Part 5 Clause 8(e) of the Principal Regulations	AS/NZS 4200.2:1994 Pliable building membranes and underlays Part 2: Installation requirements, published jointly by Standards Australia and Standards New Zealand 18 July 1994.	The whole
Schedule 2 Part 5 Clause 8(f) of the Principal Regulations	SAA/SNZ HB 114:1998 Guidelines for the design of eaves and box gutters, published jointly by Standards Australia and Standards New Zealand 1998.	The whole
Schedule 2 Part 6 Clause 9 of the Principal Regulations	AS/NZS 3500.2:2003 as incorporated by the PCA.	Clause 13.2(a)
Schedule 2 Part 7 Clause 15(1)(a) of the Principal Regulations	AS 4234—1994.	The whole
Schedule 2 Part 7 Clause 15(3) of the Principal Regulations	AS 4234—1994 as incorporated by AS/NZS 3500.4:2004 as incorporated by PCA.	Clauses 1.4.11, 1.4.13 and 3.1A

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<b>Statutory Rule Provision</b>	<b>Title of applied, adopted or incorporated document</b>	<b>Matter in applied, adopted or incorporated document</b>
Schedule 2 Part 7 Clause 16 of the Principal Regulations	AS/NZS 3500.1:2003 as incorporated by the PCA.	Clause 9.5.2
Schedule 2 Part 7 Clause 17 of the Principal Regulations	AS 3500.4:2003 as incorporated by the PCA.	Clauses 1.9.2 and 4.3.2.4A
Schedule 2 Part 8 Clause 18 of the Principal Regulations	AS 2845.2—1996 Water supply—Backflow prevention devices Part 2; Air gaps and break tanks, published by Standards Australia 5 October 1996.	The whole

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**Table of Applied, Adopted or Incorporated Matter**

Note that the following table of applied, adopted or incorporated matter was included in S.R. No. 21/2011 in accordance with the requirements of regulation 5 of the Subordinate Legislation Regulations 2004.

In this table—

*National Construction Code Series* means the National Construction Code Series published by the Australian Building Codes Board as amended or remade from time to time;

*PCA* means the Plumbing Code of Australia set out in Volume Three of the National Construction Code Series including any variations or additions in the Appendix Victoria set out in Appendix A of that Volume;

*Principal Regulations* means the Plumbing Regulations 2008.

<b>Statutory Rule Provision</b>	<b>Title of applied, adopted or incorporated document</b>	<b>Matter in applied, adopted or incorporated document</b>
Regulation 5, which substitutes regulation 9 in the Principal Regulations	PCA	The whole except as set out in regulation 8 of the Principal Regulations Clause A1.3, Table A1.3
Regulation 14, which substitutes clause 16 in Part 7 of Schedule 2 to the Principal Regulations	AS/NZS 3500.1:2003 Plumbing and drainage Part 1: Water services, published jointly by Standards Australia and Standards New Zealand 15 December 2003 reissued December 2010, as incorporated by the PCA	Clause 9.5.2.3(d)

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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. 113/2012 in accordance with the requirements of regulation 5 of the Subordinate Legislation Regulations 2004.

<b>Statutory rule provision</b>	<b>Title of applied, adopted or incorporated document</b>	<b>Matter in applied, adopted or incorporated document</b>
Regulation 5(1)(b), which inserts the definition of <i>AS/NZS 4234</i> in the Principal Regulations	AS/NZS 4234—2008 Heated water systems—Calculation of energy consumption, published by Standards Australia 21 August 2008, reissued November 2011	The whole
Regulation 10, which substitutes clause 15 and inserts clauses 15A and 15B in Schedule 2 to the Principal Regulations	AS/NZS 4234—2008 Heated water systems—Calculation of energy consumption, published by Standards Australia 21 August 2008, reissued November 2011	The whole

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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. 60/2014 in accordance with the requirements of regulation 5 of the Subordinate Legislation Regulations 2004.

Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
Regulation 7 which substitutes new regulation 19(c) and (d) for regulation 19(c) of the Plumbing Regulations 2008	AS/NZS 5601.1:2013, Gas installations Part 1: General installations, published jointly by Standards Australia and Standards New Zealand on 16 September 2013	The whole
	AS/NZS 5601.2:2013, Gas installations Part 2: LP Gas installations in caravans and boats for non-propulsive purposes, published jointly by Standards Australia and Standards New Zealand on 16 September 2013	The whole

**Table of Applied, Adopted or Incorporated Matter**

The following table of applied, adopted or incorporated matter was included in S.R. No. 157/2015 in accordance with the requirements of regulation 5 of the Subordinate Legislation Regulations 2014.

In this table—

***National Construction Code Series*** means the National Construction Code Series published by the Australian Building Codes Board as amended or remade from time to time;

***BCA Volume One*** means Volume One of the National Construction Code Series including any variations or additions in the Appendix Victoria set out in the Appendices to that Volume; and

***PCA*** means the Plumbing Code of Australia set out in Volume Three of the National Construction Code Series including any variations or additions in the Appendix Victoria set out in Appendix A of that Volume.

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Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
Regulation 6 which inserts Clause 3A in Schedule 2 to the Plumbing Regulations 2008	AS 2118.1—2006 Automatic fire sprinkler systems Part 1: General systems, published by Standards Australia on 29 December 2006, reissued incorporating Amendment No. 1 August 2010 as incorporated by the PCA  PCA	Clause 5.7.10          Table A3.1 Deemed-to-satisfy provision B4.2(c)

**Table of Applied, Adopted or Incorporated Matter**

The following table of applied, adopted or incorporated matter was included in S.R. No. 31/2016 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 which inserts the definition of AS/NZS 3500.1 in regulation 5 of the Plumbing Regulations 2008	AS/NZS 3500.1 Plumbing and drainage Part 1: Water services, published jointly by Standards Australia and Standards New Zealand on 15 December 2003, reissued incorporating Amendment No. 1 November 2005 and Amendment No. 2 December 2010	The whole



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<b>Statutory rule provision</b>	<b>Title of applied, adopted or incorporated document</b>	<b>Matter in applied, adopted or incorporated document</b>
Regulation 8(1) which amends clause 3(k) of Schedule 2 to the Plumbing Regulations 2008	AS 2118.2-2010 Automatic fire sprinkler systems Part 2: Drencher Systems, published by Standards Australia on 20 August 2010	The whole
Regulation 8(2) which amends clause 3(l) of Schedule 2 to the Plumbing Regulations 2008	AS 2118.3-2010 Automatic fire sprinkler systems Part 3: Deluge Systems, published by Standards Australia on 20 August 2010	The whole
Regulation 8(3) which amends clause 3(o) of Schedule 2 to the Plumbing Regulations 2008	AS 1851-2012 Routine service of fire protection systems and equipment, published by Standards Australia on 3 December 2012	The whole
Regulation 10 which amends clause 4(f) of Schedule 2 to the Plumbing Regulations 2008	AS/NZS 4859.1 Materials for the thermal insulation of buildings Part 1: General criteria and technical provisions, published jointly by Standards Australia and Standards New Zealand on 15 October 2002	The whole

<sup>2</sup> Schedule 2 clause 3A: The amendment proposed by regulation 7 of the Building and Plumbing Amendment (Balcony Sprinkler Protection) Interim Regulations 2015, S.R. No. 157/2015 is not included in this publication due to the earlier revocation of Schedule 2 clause 3A by regulation 9 of the Plumbing Amendment Regulations 2016, S.R. No. 31/2016.

Regulation 7 reads as follows:

### **7 Revocation of clause 3A in Schedule 2**

Clause 3A in Schedule 2 to the Plumbing Regulations 2008 is **revoked**.

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### **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 2015 is \$13.60. 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.