

Authorised Version
**Victorian Energy Efficiency Target
Regulations 2018**
S.R. No. 145/2018

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Authorised Version

STATUTORY RULES 2018

S.R. No. 145/2018

Victorian Energy Efficiency Target Act 2007

Victorian Energy Efficiency Target Regulations 2018

The Lieutenant-Governor as the Governor's deputy, with the advice of the Executive Council, makes the following Regulations:

Dated: 2 October 2018

Responsible Minister:

LILY D'AMBROSIO

Minister for Energy, Environment and Climate Change

ANDREW ROBINSON
Clerk of the Executive Council

Part 1—Preliminary

1 Objectives

The objectives of these Regulations are to provide for—

- (a) activities that result in a reduction of greenhouse gas emissions that would not otherwise have occurred if the activities were not undertaken; and
- (b) the shortfall penalty rate; and
- (c) the method and variables to calculate the carbon dioxide equivalent of greenhouse gases to be reduced by a prescribed activity; and

- (d) any other matter or thing authorised or required to be prescribed or necessary to be prescribed for carrying the Act into effect.

2 Authorising provision

These Regulations are made under section 75 of the **Victorian Energy Efficiency Target Act 2007**.

3 Commencement

- (1) These Regulations (except regulations 10(3)(c) and (5), 16(4) and 25, Parts 37 to 42 of Schedule 2 and clauses 37 to 42 of Schedule 3, come into operation on 10 December 2018.
- (2) Regulations 10(3)(c) and (5), 16(4) and 25, Parts 37 to 42 of Schedule 2 and clauses 37 to 42 of Schedule 3 come into operation on 1 March 2019.

4 Revocations

- (1) The Victorian Energy Efficiency Target Regulations 2008¹ are **revoked**.
- (2) The Regulations listed in Schedule 1 are **revoked**.

5 Definitions

In these Regulations—

accredited body, in relation to a product, means a body accredited under the Joint Accreditation System of Australia and New Zealand to give product certification or component certification of a product;

AMI metering installation means a remotely read interval meter that complies with the requirements set out in the Secretary's specifications for the purposes of this definition;

approved laboratory means a laboratory that is—

- (a) accredited by the National Association of Testing Authorities; or
- (b) registered by an authority recognised by the National Association of Testing Authorities under a mutual recognition agreement;

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

category number has the meaning given by regulation 6(2)(b);

central electric resistance heater means a heater that—

- (a) uses electric resistance to create heat; and
- (b) is controlled from a central point; and
- (c) distributes heat throughout a building or residence by pipes, cables or ducts; and
- (d) is able to heat multiple rooms concurrently;

compact fluorescent lamp means a discharge lamp that—

- (a) is of a low-pressure mercury type; and
- (b) emits most of the light by one or more layers of phosphors excited by the ultraviolet radiation of the discharge of electricity; and
- (c) has a shaped tube and a single end cap;

control gear means a device for the control of one or more light sources but does not include a lighting control device;

Examples

Ballasts, transformers, capacitors and step-down converters such as drivers.

controlled heating or cooling product means any of the following products—

- (a) a ducted gas heater;
- (b) a central electric resistance heater that provides heating to a space with a floor area of at least 100 m²;
- (c) a ducted air to air heat pump;
- (d) a hard-wired electric room heater used as the main form of heating any premises;
- (e) a gas or liquefied petroleum gas room heater;
- (f) a room air to air heat pump;
- (g) a plug in electric heater used as the main form of heating any premises;
- (h) a wood fired room heater used as the main form of heating—
 - (i) an entire building that is classified under Part A3 of Volume One of the Building Code as a Class 1a, 4, 5, 6, 7b or 8 building; or
 - (ii) an entire dwelling within a building that is classified under Part A3 of Volume One of the Building Code as a Class 1b or 2 building; or

- (iii) a room within a building that is classified under Part A3 of Volume One of the Building Code as a Class 3 or Class 9 building;
- (i) a refrigerative air conditioner (whether ducted or not) that is not located in—
 - (i) in the case of an air conditioner in residential premises, a bedroom; or
 - (ii) in the case of an air conditioner in business or non-residential premises, a room with an area less than 20 m²;
- (j) a space heating product specified in the Secretary's specifications for the purposes of this definition;
- (k) a space cooling product specified in the Secretary's specifications for the purposes of this definition;

criteria, in relation to a product category, has the meaning given by regulation 6(2)(c);

decommission means disable and render permanently unusable;

Department means the Department of Environment, Land, Water and Planning;

discount factor, in relation to a prescribed activity, is the factor declared under section 19(4) of the Act as applying to that activity;

downlight means a luminaire mounted flush with a surface, with a light source aperture whose largest dimension is less than 20 centimetres;

economizer has the same meaning as in AS 1228;

electronic ballast means a mains-supplied AC to DC inverter for starting and operating one or more light sources generally at a high frequency;

electronically commutated motor means a permanent magnet motor with electronic commutation;

energy consumer, in relation to a prescribed activity, means the person who is the consumer of electricity or gas in respect of whom a prescribed activity is undertaken within the meaning of section 16 of the Act;

ESC Internet site means the Internet site of the ESC;

ESC register means the register kept by the ESC under regulation 29;

extra-low voltage lighting converter has the same meaning as in AS/NZS 4879.1;

flue or chimney balloon means a device that, when inflated, is intended to block the movement of air in a chimney or flue;

gas/air ratio control has the same meaning as in AS 3814;

gas-fired burner means a burner within the meaning of AS 3814 but does not include a burner that uses a fuel other than a gas within the meaning of section 3(1) of the **Gas Safety Act 1997**;

gas-fired hot water boiler means a hot water boiler within the meaning of AS 3814 but does not include—

(a) a boiler with burners (as defined in AS 3814) that use a fuel other than a gas within the meaning of section 3(1) of the **Gas Safety Act 1997**; or

(b) a steam boiler as defined in AS 3814;

gas-fired steam boiler means a steam boiler within the meaning of AS 3814 but does not include—

(a) a boiler with burners (as defined in AS 3814) that use a fuel other than a gas within the meaning of section 3(1) of the **Gas Safety Act 1997**; or

(b) a hot water boiler or a water heater as defined in AS 3814;

gas-fired water heater means a water heater within the meaning of AS 3814 but does not include—

(a) a storage water heater or an instantaneous water heater as defined in AS 4552–2005 Gas fired water heaters for hot water supply and/or central heating published by Standards Australia on 8 December 2005 (superseded); or

(b) a storage water heater or an instantaneous water heater as defined in AS/NZS 5263.1.2;

glazing has the same meaning as in Part 1.1.1 of Volume Two of the Building Code;

hard-wired electric heater includes—

(a) a hard-wired electric convection heater; and

(b) a storage electric heater;

IEC 60034-2-1 means IEC 60034-2-1 Ed. 2.0 Rotating electrical machines—Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles), published by the International Electrotechnical Commission on 27 June 2014;

IEC/TR 61341 means IEC/TR 61341 Ed. 2.0 Method of measurement of centre beam intensity and beam angle(s) of reflector lamps published by the International Electrotechnical Commission on 18 February 2010;

IEC/TS 60034-31 means IEC/TS 60034-31 Ed. 1.0 Rotating electrical machines—Part 31: Selection of energy-efficient motors including variable speed—Application guide, published by the International Electrotechnical Commission on 26 April 2010;

illuminance means the amount of light that falls on a surface per unit area (measured in lux);

incandescent GLS lamp means an incandescent lamp designed for general use;

incandescent lamp means a lamp in which light is produced by means of an element heated to incandescence by means of an electric current;

in-home display means a device situated in any premises that gives a visual indication of electricity consumption at those premises;

LED means light emitting diode;

LED integrated luminaire means a product that contains a LED device and the equipment required to distribute, filter or transform the light being transmitted and includes—

- (a) all parts necessary for supporting, fixing and protecting the product and for connecting the product to the electricity supply; and
- (b) any lighting control device for the product;

LED lamp with integrated driver means a self-ballasted LED module, incorporating control gear and any additional elements necessary for stable operation, that is designed for direct connection to an electricity supply;

licensed electrician means a person who is licensed under the **Electricity Safety Act 1998** to carry out electrical work;

light output means the luminous flux emitted by a lamp or luminaire (measured in lumens);

light source means—

- (a) in relation to a non-integrated luminaire, the lamp fitted to the luminaire; or
- (b) in relation to a LED integrated luminaire, the whole luminaire;

light source efficacy means the initial luminous flux of a light source or the total radiant flux in the visible spectrum weighted by the spectral response of the eye, divided by the electric power that will be consumed by the light source but excluding any remote ballast and control gear power losses;

lighting control device means a device that is used to control the light output of a luminaire;

Examples

Occupancy sensors, daylight-linked controls, programmable dimmers, manual dimmers and voltage reduction units.

lighting equipment includes—

- (a) lamps; and
- (b) luminaires; and
- (c) lighting control devices; and
- (d) control gear;

listed, in relation to a product, has the meaning given by regulation 6(3);

luminaire means a non-integrated luminaire or a LED integrated luminaire;

manual dimmer means a lighting control device that allows a user to manually control a luminaire's output using a readily accessible knob, slider or other mechanism;

nominal gas consumption has the same meaning as in AS 3814;

non-integrated LED lamp means a LED module where the control gear is separate from the LED module for operation under constant voltage, constant current or constant power;

non-integrated luminaire means a device that distributes, filters or transforms the light transmitted from one or more lamps that are separate from the device and includes all parts necessary for fixing and protecting the lamps and for connecting the lamps to the electricity supply;

occupancy sensor means a lighting control device that uses a motion sensor to detect the presence of people in a space and adjusts the output of a luminaire in that space accordingly;

product includes appliance, equipment and material;

product category has the meaning given by regulation 6(2)(a);

programmable dimmer means a lighting control device that can automatically select a luminaire's light output according to the time of day;

reflector lamp means a lamp in which part of the bulb is coated with reflective material in order to direct the light;

residential premises means a building classified as a Class 1, 2, 3 or 4 building under Part A3 of Volume One of the Building Code;

R-value means the thermal resistance ($\text{m}^2\text{K}/\text{W}$) of a component calculated by dividing its thickness by its thermal conductivity;

scheduled activity premises means the following—

- (a) the premises at the addresses specified in column 2 of the Table in Part 1 of Schedule 5;
- (b) the premises specified in column 2 of the Table in Part 2 of Schedule 5;
- (c) any other premises in relation to which there was, on 29 June 2014, an entry on the register of scheduled activities kept under section 26G of the **Environment Protection Act 1970** as in force immediately before that day;

Note

29 June 2014 is the day before the day on which section 17 of the **Environment Protection and Sustainability Victoria Amendment Act 2014** came into operation. That section repealed section 26G of the **Environment Protection Act 1970**, under which the register of scheduled activities was kept.

Secretary means the Secretary to the Department;

Secretary's specifications means the specifications published by the Secretary under regulation 35;

sensing apparatus means the apparatus from which an in-home display is capable of obtaining the total electricity consumption information for residential premises and includes the following—

- (a) an AMI metering installation;
- (b) a power coil;

space heating or cooling product means—

- (a) a ducted gas heater; or
- (b) a gas or liquefied petroleum gas room heater; or
- (c) a ducted evaporative cooler; or
- (d) a room air to air heat pump; or
- (e) a ducted air to air heat pump; or
- (f) a central electric resistance heater; or
- (g) any other product designed to heat or cool spaces within premises;

specified, in Schedule 2, has the meaning given by regulation 7;

supply voltage has the same meaning as in AS 60038;

T5 adaptor is a product that enables a luminaire that houses a T8 or T12 lamp to use a T5 lamp;

table of product categories has the meaning given by regulation 6(1);

tariff means tariff for the sale of electricity;

the Act means the **Victorian Energy Efficiency Target Act 2007**;

three-phase cage induction motor means a motor—

- (a) with a rating in the range from (and including) 0.73 kW to (but not including) 185 kW; and
- (b) to which the Greenhouse and Energy Minimum Standards (Three Phase Cage Induction Motors) Determination 2012 (as amended from time to time), made under section 23 of the Greenhouse and Energy Minimum Standards Act 2012 of the Commonwealth, applies;

Total U-value means the thermal transmittance ($\text{W/m}^2\text{K}$) of the composite element allowing for the effect of any airspace and associated surface resistances;

tungsten filament lamp means an incandescent lamp whose luminous element is a filament of tungsten;

tungsten halogen lamp means a gas-filled lamp that contains—

- (a) halogens or halogen compounds; and
- (b) a filament of tungsten;

Type B appliance has the same meaning as in the **Gas Safety Act 1997**;

unlisted product means a product that is not listed on the ESC register;

voltage reduction unit means a lighting control device that reduces the voltage applied to a luminaire after the luminaire is switched on but does not include a product that adjusts the supply voltage to any premises to a specific bandwidth;

warranty against defects has the same meaning as it has in the Australian Consumer Law (Victoria);

WERS means the Window Energy Rating Scheme managed by the Australian Window Association;

window includes glass roof light, glass panel, glass block, glass brick, glazed sash, glazed part of a door or similar glass product that, when closed, transmits natural light but does not include a louvred product.

6 Products, product categories, category numbers and criteria

- (1) In these Regulations, each Table in Schedule 2 that is headed "Product categories" is a ***table of product categories***.
- (2) For each item in a table of product categories—
 - (a) the item itself is a ***product category***; and
 - (b) the category number set out in column 1 is the ***category number*** for that product category; and
 - (c) the criteria set out in column 2 is the ***criteria*** applying to that product category.

- (3) In these Regulations, a reference to "category" followed by a category number and the word "product"—
- (a) refers to a product listed on the ESC register as belonging to a product category with that category number; and
 - (b) unless the reference is preceded by the word "listed", also refers to an unlisted product that complies with the criteria applying to that product category.

Examples

- 1 *Listed category 1A product* means a product listed on the ESC register as belonging to the product category numbered 1A.
- 2 *Category 1A product* means a listed category 1A product and also an unlisted product that complies with the criteria applying to the product category numbered 1A.

7 References in Schedule 2 to certain matters being specified

- (1) In Schedule 2—
- (a) a reference to a specified matter listed in subregulation (2) is a reference to that matter as set out in the Secretary's specifications; and
 - (b) if that reference is made in relation to a particular product, the reference is to that matter as set out in the Secretary's specifications in respect of that product.
- (2) Subregulation (1) applies in relation to the following matters—
- (a) decommissioning requirements;
 - (b) flue design requirements;
 - (c) heat pump modelling requirements;

- (d) installation requirements;
- (e) lighting equipment;
- (f) maximum Total-U value;
- (g) minimum annual energy savings;
- (h) minimum beam angle;
- (i) minimum effective energy efficiency ratio;
- (j) minimum lifetime rating;
- (k) minimum light source efficacy levels;
- (l) minimum performance requirement;
- (m) minimum R-value;
- (n) minimum star rating;
- (o) minimum thermal efficiency requirements.

8 Standards

In these Regulations, unless the contrary intention appears, a reference to an Australian Standard or an Australian/New Zealand Standard is a reference to that Standard as issued or published from time to time.

9 Change in standards

- (1) This regulation applies if—
 - (a) a provision of these Regulations refers to an Australian Standard or an Australian/New Zealand Standard as issued or published from time to time; and
 - (b) the Standard is amended.
- (2) For a period of 6 months beginning on the day on which the Standard is amended, compliance with the Standard as in force before the amendment is, for the purpose of the provision referred to in subregulation (1)(a), taken to be compliance with the Standard as amended.

Part 2—Prescribed activities

10 Prescribed activities

- (1) For the purposes of section 15(1) of the Act, an activity set out in any of the following Parts of Schedule 2 that is undertaken in any premises in compliance with that Part is a prescribed activity—
 - (a) Part 1 or 3;
 - (b) Parts 5 to 10;
 - (c) Parts 12 to 14;
 - (d) Part 17;
 - (e) Parts 21 to 26;
 - (f) Part 28.
- (2) For the purposes of section 15(1) of the Act, an activity set out in Parts 15 and 30 of Schedule 2 that is undertaken in residential premises in compliance with that Part is a prescribed activity.
- (3) For the purposes of section 15(1) of the Act, an activity set out in any of the following Parts of Schedule 2 that is undertaken in business premises or other non-residential premises in compliance with that Part is a prescribed activity—
 - (a) Part 27;
 - (b) Parts 31 to 36;
 - (c) Parts 37 to 42.
- (4) For the purposes of section 15(1) of the Act, an activity set out in Part 34 of Schedule 2 is also a prescribed activity if it is undertaken in compliance with that Part in—

- (a) a building that is classified under Part A3 of Volume One of the Building Code as a Class 3 building; or
 - (b) the common areas of a building that is classified under Part A3 of Volume One of the Building Code as a Class 2 building.
- (5) For the purposes of section 15(1) of the Act, an activity set out in any of Parts 37 to 42 of Schedule 2 is also a prescribed activity if it is undertaken in compliance with that Part in a building that is classified under Part A3 of Volume One of the Building Code as a Class 2 or 3 building.

11 Time at which prescribed activity is undertaken and reduction in greenhouse gas emissions occurs

- (1) For the purposes of section 17(1) of the Act, a prescribed activity referred to in regulation 10 is taken to have been undertaken at the time specified in Schedule 3 in relation to that activity.
- (2) For the purposes of section 17(2) of the Act, a reduction in greenhouse gas emissions that results from a prescribed activity referred to in regulation 10 is taken to have occurred at the time specified in Schedule 3 in relation to that activity.

12 Method and variables for calculating emissions reduced by prescribed activity

For the purposes of section 18 of the Act, the method and variables to be used to calculate the carbon dioxide equivalent of greenhouse gases to be reduced by a prescribed activity referred to in regulation 10 are the methods and variables set out in the Secretary's specifications in relation to that prescribed activity.

**13 Prescribed activity until 10 December 2020—
destruction of pre-1996 refrigerator or freezer**

- (1) For the purposes of section 15(1) of the Act, the following activity undertaken in any premises is a prescribed activity—
 - (a) removing from the premises a refrigerator or freezer manufactured before 1996 and in working order; and
 - (b) destroying the refrigerator or freezer by disposing of, in accordance with the Ozone Protection and Synthetic Greenhouse Gas Management Act 1989 of the Commonwealth, scheduled substances (within the meaning of that Act) contained in the refrigerator or freezer.
- (2) For the purposes of section 16(3)(a)(ii) of the Act—
 - (a) the prescribed activity referred to in subregulation (1), when undertaken in residential premises, is prescribed; and
 - (b) the manner in which an assignment for the purposes of section 16(1)(b) of the Act must be made in the case of that prescribed activity is by notice in writing or orally.
- (3) An accredited person who holds an assignment of a right to create a certificate that has been made by oral notice as permitted by subregulation (2)(b) must comply with those parts of the ESC Guidelines that provide for record-keeping requirements in relation to those kinds of notices.
- (4) For the purposes of section 17(1) of the Act, the prescribed activity referred to in subregulation (1) is taken to have been undertaken at the time specified in subregulation (6).

- (5) For the purposes of section 17(2) of the Act, the reduction in greenhouse gas emissions that results from the prescribed activity referred to in subregulation (1) is taken to have occurred at the time specified in subregulation (6).
- (6) For the purposes of subregulations (4) and (5), the specified time is the beginning of the day which is the later of—
 - (a) the day on which the refrigerator or freezer is removed from the premises; or
 - (b) the day on which the refrigerator or freezer is destroyed.
- (7) For the purposes of section 18(2) of the Act, the method and variables to be used to calculate the carbon dioxide equivalent of greenhouse gases to be reduced by the prescribed activity referred to in subregulation (1) are the methods and variables set out in the Secretary's specifications in relation to that prescribed activity.
- (8) This regulation expires on 10 December 2020.

14 Discount factor

If a declaration specifying a discount factor in respect of a prescribed activity is in effect, the calculation of the carbon dioxide equivalent of greenhouse gases to be reduced by the activity as determined in accordance with the Secretary's specifications must be multiplied by that discount factor.

15 General conditions and circumstances under which a certificate cannot be created

A certificate cannot be created in relation to a prescribed activity in the following circumstances—

- (a) if the prescribed activity is undertaken as a performance requirement under the Building Code in relation to the premises in which the activity is undertaken;
- (b) if, at the time the prescribed activity is undertaken, the person proposing to create the certificate is a person whose accreditation under Division 1 of Part 3 of the Act is suspended;
- (c) if the prescribed activity is not undertaken in accordance with the provisions of the **Electricity Safety Act 1998**, the **Gas Safety Act 1997**, the **Occupational Health and Safety Act 2004** or the **Building Act 1993** or the regulations under any of those Acts.

16 Certificate cannot be created unless installed product listed on ESC register

- (1) A certificate cannot be created in relation to a prescribed activity unless the product installed as part of the activity is listed on the ESC register at the time the certificate is to be created.
- (2) Subregulation (1) does not apply in relation to a prescribed activity involving the installation of any of the following products if, at the time of installation, the product (or the model of the product) was registered under Part 5 of the Greenhouse and Energy Minimum Standards Act 2012 of the Commonwealth—
 - (a) a category 7A product;
 - (b) a category 10A product;
 - (c) a category 22A product;
 - (d) a category 22B product;
 - (e) a category 22C product;
 - (f) a category 22D product;

- (g) a category 24A product;
 - (h) a category 25A product;
 - (i) a category 31A product;
 - (j) a category 32A product.
- (3) Subregulation (1) does not apply in relation to a prescribed activity involving the installation of any of the following products if, at the time of installation, the product is a device listed on the National Electricity Market Load Tables for Unmetered Connection Points published by the Australian Energy Market Operator from time to time—
- (a) a category 27A product;
 - (b) a category 27B product.
- (4) Subregulation (1) does not apply in relation to a prescribed activity involving the installation of—
- (a) a category 37A product; or
 - (b) a category 38A product; or
 - (c) a category 39A product; or
 - (d) a category 40A product; or
 - (e) a category 41A product; or
 - (f) a category 42A product.

17 Conditions and circumstances under which a certificate cannot be created after decommissioning product

- (1) A certificate cannot be created in relation to a prescribed activity that requires the decommissioning of a product (however described) unless the ESC is provided with—
- (a) a decommissioning declaration made by the energy consumer in respect of whom the prescribed activity is undertaken; and

- (b) a decommissioning declaration made by the person who proposes to create the certificate.
- (2) The decommissioning declaration must—
 - (a) state that the decommissioned product was not installed for the purpose of decommissioning it as part of the prescribed activity; and
 - (b) be made in accordance with the ESC requirements for decommissioning declarations determined under regulation 36(2).
- (3) A certificate cannot be created in relation to a prescribed activity that requires the decommissioning of lighting equipment that is of a type in respect of which the ESC has made a determination under regulation 36(3) unless the lighting equipment is disposed of in a waste disposal facility that is of a class determined by the ESC under that regulation.

18 Conditions and circumstances under which a certificate cannot be created for a lighting upgrade under Part 27

A certificate cannot be created in relation to a prescribed activity that is a lighting upgrade referred to in Part 27 of Schedule 2 unless—

- (a) a lighting design has been prepared for the lighting upgrade which—
 - (i) is prepared by a lighting designer who is qualified to undertake the lighting design; and
 - (ii) sets out the location and specifications of all existing street lights in the area to which the lighting design applies; and

- (iii) sets out the location and specifications of all lighting equipment to be installed in the area to which the lighting design applies; and
- (iv) includes a declaration by the lighting designer stating that—
 - (A) the light output of the lighting upgrade specified in the lighting design complies with the relevant part or parts of AS/NZS 1158; or
 - (B) if the light output of the lighting upgrade specification in the lighting design deviates from AS/NZS 1158, the deviations are justified in accordance with the Standard and setting out the reasons why the deviations are justified; and
- (b) the energy consumer has demonstrated acceptance of the lighting design in accordance with the determination of the ESC under regulation 36(1)(b).

19 Conditions and circumstances under which a certificate cannot be created for a lighting upgrade under Part 34

A certificate cannot be created in relation to a lighting upgrade that is a prescribed activity referred to in Part 34 of Schedule 2 unless—

- (a) either—
 - (i) the lighting upgrade achieves the minimum illuminance required by the relevant part of AS/NZS 1680; or

- (ii) the ESC has determined under regulation 20 that the lighting upgrade is not required to achieve that minimum illuminance; and
- (b) either—
 - (i) the lighting upgrade achieves the recommended level of maintained illuminance specified in the relevant part of AS/NZS 1680; or
 - (ii) the ESC has determined under regulation 20 that the lighting upgrade is not required to achieve the recommended level of maintained illuminance.

20 Determination of illuminance standards for a lighting upgrade under Part 34

- (1) A person may apply to the ESC for a determination that—
 - (a) a lighting upgrade is not required to achieve the minimum illuminance specified in the relevant part of AS/NZS 1680; or
 - (b) a lighting upgrade is not required to achieve the recommended level of maintained illuminance specified in the relevant part of AS/NZS 1680.
- (2) The application must—
 - (a) be made in the manner and form determined by the ESC under regulation 36(4); and
 - (b) specify why it is unreasonable to expect the lighting upgrade to achieve the minimum illuminance or recommended level of maintained illuminance.

- (3) On an application under subregulation (1), the ESC must determine that the lighting upgrade is not required to achieve the minimum illuminance or recommended level of maintained illuminance if it is satisfied that it is unreasonable to expect the lighting upgrade to achieve that minimum or level.

21 Conditions and circumstances under which a certificate cannot be created for a lighting upgrade under Part 35

A certificate cannot be created in relation to a lighting upgrade that is a prescribed activity referred to in Part 35 of Schedule 2 unless—

- (a) a lighting design has been prepared for the lighting upgrade which—
- (i) is prepared by a lighting designer who is qualified to undertake the lighting design; and
 - (ii) meets the lighting design requirements determined by the ESC under regulation 36(1)(a); and
 - (iii) if the lighting upgrade is of a kind for which AS/NZS 1158 is designed, includes a declaration by the lighting designer that the light output of the lighting upgrade specified in the lighting design complies with the relevant part or parts of AS/NZS 1158 or, if the light output of the lighting upgrade specified in the lighting design deviates from that standard—
 - (A) that the deviations are justified in accordance with that standard, setting out the way in which the deviations are justified; and

- (B) that the lighting design provides for the light output of the upgrade lamp or luminaire to be either equivalent or superior to the replaced lamp or luminaire; and
 - (iv) if the lighting upgrade is of a kind for which AS 2560 is designed, includes a declaration by the lighting designer that the light output of the lighting upgrade specified in the lighting design—
 - (A) complies with the relevant part or parts of AS 2560; or
 - (B) specifies why it is unreasonable to expect the lighting upgrade to achieve the requirements of that standard; and
 - (v) if the lighting upgrade is not of a kind for which AS/NZS 1158 or AS 2560 is designed, includes a declaration by the lighting designer that the lighting design complies with the minimum illuminance standards determined by the ESC under regulation 22; and
- (b) the energy consumer has demonstrated acceptance of the lighting design in accordance with the determination of the ESC under regulation 36(1)(b).

22 Determination of minimum illuminance standards for a lighting upgrade under Part 35

- (1) A person may apply to the ESC for a determination of the minimum illuminance standards that a lighting design is required to meet if the lighting design is not of a kind for which AS/NZS 1158 or AS 2560 is designed.

- (2) The application must be made in the manner and form determined by the ESC under regulation 36(4).
- (3) On an application under subregulation (1), the ESC must determine the minimum illuminance standards that the lighting design is required to meet.

23 Certificate cannot be created in relation to certain prescribed activities involving T5 adaptor

A certificate cannot be created in relation to a prescribed activity referred to in Part 27, 34 or 35 of Schedule 2 if a T5 adaptor will be installed as part of the activity.

24 Certificate cannot be created in relation to certain prescribed activities if maximum exceeded

Schedule 4 has effect.

Note

Schedule 4 sets out the maximum number of installations of specified products in residential premises for which certificates can be created.

25 Certificate cannot be created in relation to the installation of certain products

- (1) A certificate cannot be created in relation to a prescribed activity referred to in Part 39 of Schedule 2 if more than one electronic gas/air ratio control is installed on a particular burner on a gas-fired steam boiler, gas-fired hot water boiler or gas-fired water heater.
- (2) A certificate cannot be created in relation to a prescribed activity referred to in Part 39 of Schedule 2 if the electronic gas/air ratio control is installed on a burner on a gas-fired steam boiler, gas-fired hot water boiler or gas-fired water heater as part of a prescribed activity referred to in Part 37, 38 or 41 of Schedule 2.

- (3) A certificate cannot be created in relation to a prescribed activity referred to in Part 40 of Schedule 2 if more than one combustion trim system is installed in a particular electronic gas/air ratio control system on a gas-fired steam boiler, gas-fired hot water boiler or gas-fired water heater.
- (4) A certificate cannot be created in relation to a prescribed activity referred to in Part 40 of Schedule 2 if the combustion trim system is installed on a gas-fired steam boiler, gas-fired hot water boiler or gas-fired water heater as part of a prescribed activity referred to in Part 37 or 38 of Schedule 2.

26 Certificate cannot be created in relation to prescribed activity relating to weather sealing

- (1) A certificate cannot be created in relation to a prescribed activity referred to in Part 15 of Schedule 2 that involves undertaking a weather sealing activity referred to in item 15.6 or 15.7 of Table 15.1 of Schedule 2 if the ESC is satisfied that the premises in which the activity is undertaken are not predominantly heated by gas or electricity.
- (2) A certificate cannot be created in relation to a prescribed activity referred to in Part 15 of Schedule 2 involving the installation of any of the following products at any premises if a certificate has previously been created in respect of an activity that consists of installing a product belonging to that product category at those premises—
 - (a) a category 15A product;
 - (b) a category 15B product;
 - (c) a category 15C product;
 - (d) a category 15D product;

- (e) a category 15E product;
- (f) a category 15F product;
- (g) a category 15G product;
- (h) a category 15H product;
- (i) a category 15I product.

27 Certificate cannot be created for activities in relation to prescribed activity in scheduled activity premises

A certificate cannot be created in relation to a prescribed activity undertaken in scheduled activity premises unless the activity is undertaken on or after the day on which a notice is given in relation to those premises in accordance with regulation 28.

28 Notice of intention to undertake prescribed activity at scheduled activity premises

- (1) The person specified in subregulation (2) for any scheduled activity premises may, by written notice, notify the ESC that the person intends to undertake a prescribed activity at the scheduled activity premises.
- (2) The person who may give the notice for the scheduled activity premises is—
 - (a) if the scheduled activity premises are occupied by, or in the control of, a body corporate, the chief financial officer (however described) for the body corporate;
or
 - (b) otherwise, the occupier of the scheduled activity premises.
- (3) On receiving a notice under subregulation (1), the ESC must publish the following on the ESC Internet site—

- (a) if the scheduled activity premises are occupied by, or in the control of, a body corporate, the name of the body corporate;
- (b) the address of the scheduled activity premises;
- (c) the day on which the notice is given.

29 ESC register

- (1) The ESC must establish and keep a register of products that may be installed for the purposes of undertaking a prescribed activity.
- (2) The ESC—
 - (a) must make the register available for inspection at its office; and
 - (b) must publish a copy of the register on the ESC Internet site.

30 What is listed on the ESC register

The ESC must record the following for each product listed on the ESC register—

- (a) the product type, brand name, model name or number and any other relevant details sufficient to identify the product;
- (b) the category number of the product category to which the product belongs;
- (c) the prescribed activity to which the product relates;
- (d) the date the product is listed on the ESC register;
- (e) if the listing of the product is amended, details of each amendment, including the date the amendment takes effect.

31 ESC may list a product on the ESC register

- (1) The ESC may list a product on the ESC register as belonging to a product category if the ESC is satisfied that the product meets the criteria applying to that product category.
- (2) The ESC must remove a product from the ESC register if the ESC is satisfied the product does not meet the criteria applying to the product category for which the product was listed.
- (3) The ESC may remove a product from the ESC register if Energy Safe Victoria gives the ESC written notice that the product is unsafe.

32 Application to the ESC to list a product on the ESC register

- (1) A person may apply to the ESC to list a product on the ESC register.
- (2) An application under subregulation (1) must—
 - (a) be made in the manner and form determined by the ESC under regulation 36(4); and
 - (b) include—
 - (i) the prescribed activity for which the person proposes that the product be installed; and
 - (ii) the product type, brand name, model name or number and any other relevant details sufficient to identify the product; and
 - (iii) the product category to which the person proposes that the product belong.
- (3) The ESC may require a person who makes an application under subregulation (1) to provide further information in relation to the application.

33 Determination of application

- (1) On an application under regulation 32 made in respect of a particular product, the ESC must list the product on the ESC register as belonging to a product category if the ESC is satisfied that the product meets the criteria applying to that product category.
- (2) If the ESC lists a product under subregulation (1), the ESC must notify the applicant within 14 days after the day the ESC lists the product.
- (3) If the ESC refuses to list a product under subregulation (1), the ESC must notify the applicant and provide reasons for the decision within 14 days after the day the ESC refuses the application.

34 Notification for new and amended listing

- (1) As soon as practicable after the ESC lists a product on the ESC register, the ESC must publish a notice of the listing on the ESC Internet site for no less than 3 months.
- (2) If the ESC amends a listing of a product on the ESC register, as soon as practicable after the amendment is made, the ESC must publish a notice of amendment of the listing on the ESC Internet site for no less than 3 months.

35 Secretary may publish specifications

- (1) The Secretary may publish specifications—
 - (a) for determining the method and variables to be used to calculate the carbon dioxide equivalent of greenhouse gases to be reduced by a prescribed activity; and
 - (b) in relation to any other matter that these Regulations provide may be included in the specifications.

- (2) The specifications must be consistent with any determinations of the ESC under regulation 36(5).

Note

Under regulation 36(5), the ESC may determine certain matters that are relevant to calculating the carbon dioxide equivalent of greenhouse gases to be reduced by certain prescribed activities.

- (3) The specifications may apply, adopt or incorporate, with or without modification, any matter contained in any document, code, standard, rule, specification or method formulated, issued, prescribed or published by any authority or body as formulated, issued, prescribed or published on or before the day on which the specifications applying, adopting or incorporating the matter are published.
- (4) The Secretary must ensure that the specifications are—
- (a) published in the Government Gazette and on the Department's Internet site; and
 - (b) made available for public inspection at the Department's offices during ordinary office hours free of charge.

36 Determinations of ESC in relation to certain matters

- (1) The ESC must determine the following for the purposes of regulations 18 and 21—
- (a) lighting design requirements;
 - (b) the required manner for demonstrating that an energy consumer accepts a lighting design;
 - (c) the experience or qualifications or other requirements necessary for a person to be qualified to undertake a lighting design.

- (2) The ESC may determine the requirements for decommissioning declarations under regulation 17(2).
- (3) The ESC may determine a class of waste disposal facility in respect of a type of lighting equipment for the purposes of regulation 17(3).
- (4) The ESC may determine the manner and form of applications under regulations 20, 22 and 32.
- (5) The ESC may make determinations in respect of the following for the purpose of calculating the carbon dioxide equivalent of greenhouse gases to be reduced by the following prescribed activities—
 - (a) for a prescribed activity referred to in Part 27, 34 or 35 of Schedule 2, the lamp circuit power for a light source to be decommissioned, replaced or installed;
 - (b) for a prescribed activity referred to in Part 21, 34 or 35 of Schedule 2, the performance requirements to apply in relation to measurements, testing or ratings.
- (6) The ESC may make determinations in respect of the following for the purposes of Parts 21, 27, 30, 34 and 35 of Schedule 2—
 - (a) performance requirements for products and the installation of products;
 - (b) minimum power factors for products;
 - (c) minimum standards for lighting equipment;
 - (d) approval of laboratory tests;
 - (e) approval of encrypted communication protocols;
 - (f) the suitability of a product to replace a decommissioned product.

- (7) A determination under subregulation (1), (4), (5) or (6) that relates to a product may be made so as to apply differently in relation to different classes of product.
- (8) The ESC must publish a determination under this regulation (other than under subregulation (6)(e)) on the ESC Internet site.

37 Evidence of installation of certain products

The ESC may accept as evidence of the installation of any of the following products a written record of purchase of the product which includes the name and address of the purchaser—

- (a) a high efficiency refrigerator or high efficiency freezer referred to in Part 22 of Schedule 2 that complies with the criteria set out in that Part;
- (b) a high efficiency television referred to in Part 24 of Schedule 2 that complies with the criteria set out in that Part;
- (c) an electric clothes dryer referred to in Part 25 of Schedule 2 that complies with the criteria set out in that Part.

Part 3—General

38 Prescribed greenhouse gas scheme

For the purposes of the definition of *prescribed greenhouse gas scheme* in section 3(1) of the Act, the following are prescribed—

- (a) the scheme established under the Carbon Credits (Carbon Farming Initiative) Act 2011 of the Commonwealth for the issue of Australian carbon credit units in relation to eligible offsets projects;
- (b) the scheme established under the Renewable Energy (Electricity) Act 2000 of the Commonwealth for the issue of renewable energy certificates except to the extent that the scheme covers installing a product that complies with the criteria applying to a product category in Parts 1 and 3 of Schedule 2.

39 Relevant entity

For the purposes of the definition of *relevant entity* in section 3(1) of the Act, the State Electricity Commission of Victoria (ABN 58 155 836 293) is prescribed not to be a relevant entity.

40 Scheme acquisition

- (1) For the purpose of the definition of *scheme acquisition* in section 3(1) of the Act, the following customers are prescribed—
 - (a) subject to subregulation (2), customers to whom a relevant entity sells electricity in Victoria;
 - (b) subject to subregulations (2) and (4), customers to whom a relevant entity sells gas in Victoria.

- (2) A person who occupies scheduled activity premises, and to whom a relevant entity sells electricity or gas in Victoria as an occupier of those premises, is not a prescribed customer in relation to those premises until the commencement day for those premises as determined under subregulation (3).
- (3) The commencement day for scheduled activity premises is 1 January of the second calendar year after the calendar year in which, for the first time, a certificate created in respect of the premises is registered under section 22 of the Act.

Note

A certificate cannot be created in respect of scheduled activity premises unless the ESC has been notified that a prescribed activity is intended to be undertaken at the premises. See regulations 27 and 28.

- (4) A customer to whom a relevant entity sells gas in Victoria is not a prescribed customer if the customer—
- (a) is engaged in the activity of owning, controlling or operating a gas-fired electricity generator connected to the interconnected national electricity system; and
 - (b) is, for the purposes of section 11(1) of the National Electricity (Victoria) Law—
 - (i) a Registered participant in relation to that activity; or
 - (ii) exempt from the requirement to be a Registered participant in relation to that activity.

41 Shortfall penalty rate

- (1) The prescribed shortfall penalty rate for the purposes of section 28 of the Act is—
- (a) for 2018, \$50; and
 - (b) for 2019 and for each subsequent year, the amount calculated in accordance with the formula—

$$A \times \frac{B}{C}$$

where—

A is the amount referred to in paragraph (a);

B is the all groups consumer price index for Melbourne in original terms for the reference period in which falls the September quarter of the previous financial year last published by the Australian Bureau of Statistics before the variation is made;

C is the all groups consumer price index for Melbourne published by the Australian Bureau of Statistics in respect of the 2018 September quarter.

- (2) The ESC must cause a notice to be published in the Government Gazette specifying the amount calculated in accordance with subregulation (1) in respect of 2019 and each subsequent year.

Part 4—Transitional provisions

Division 1—Preliminary

42 Definitions

In this Part—

minimum energy efficiency criteria, in relation to a product, means criteria that are designated in the Secretary's specifications as minimum energy efficiency criteria for that product;

new ESC register means the register established under regulation 29 of the new Regulations;

new Regulations means these Regulations;

old ESC register means the register established under regulation 9 of the old Regulations;

old product category number, for an old registered product, means—

- (a) if the product was listed in the old ESC register in respect of an item in Part A of a Schedule to the old Regulations, the number of that item; or
- (b) if the product was listed in the old ESC register in respect of a Schedule to the old Regulations, the number of that Schedule;

old registered product means a product that, immediately before 10 December 2018, was listed in the old ESC register;

old Regulations means the Victorian Energy Efficiency Target Regulations 2008 as in force immediately before their revocation.

Division 2—Listing of products

43 Transition of listing of products listed by old product category numbers

On and after 10 December 2018, an old registered product whose old product category number is set out in column 1 of a row in Table 1 is taken to be listed on the new ESC register as belonging to the product category with the category number set out in column 2 of that row in that Table.

Table 1

<i>Column 1</i>	<i>Column 2</i>
<i>Old product category number</i>	<i>New product category number</i>
Schedule 12	12A
Schedule 13	13A
Schedule 14	14A
Item 15A	15A
Item 15B	15B
Item 15C	15C
Item 15D	15D
Item 15E	15E
Item 15F	15F
Item 15H	15H
Item 30A	30A
Item 30B	30B
Item 31A	31A
Item 31B	31B
Schedule 33	33A
Schedule 36	36A

44 Transition of listing of water heaters

- (1) On and after 10 December 2018, an old registered product whose old product category number is set out in column 1 of a row in Table 2 is taken to be listed on the new ESC register as belonging to the product category with the category number set out in column 2 of that row in that Table.

Table 2

<i>Column 1</i>	<i>Column 2</i>
<i>Old product category number</i>	<i>New product category number</i>
Item 1A	1A
Item 1B	1B
Item 1F	1F
Schedule 3	3B

- (2) On and after 10 December 2018, an old registered product whose old product category number is Item 1E that relates to a boosted solar water heater is taken to be a listed category 1C product.
- (3) For a period of 18 months beginning on 10 December 2018, an old registered product whose old product category number is Item 1E that relates to a heat pump water heater is taken to be a listed category 1D product.

45 Temporary transition of listing of other products

- (1) For the period of 6 months beginning on 10 December 2018, an old registered product whose old product category number is Schedule 17 is taken to be a listed category 17A product.
- (2) For the period of 6 months beginning on 10 December 2018, an old registered product whose old product category number is set out in column 1 of a row in Table 3 that relates to a class of ductwork set out in column 3 of that row in that

Table is taken to be listed on the new ESC register as belonging to the product category with the category number set out in column 2 of that row in that Table.

Table 3

<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>
<i>Old product category number</i>	<i>New product category number</i>	<i>Class of ductwork</i>
Schedule 28	28A	Flexible ductwork
Schedule 28	28B	Rigid ductwork

46 Transition of listing of products listed by old product category number subject to ESC determination

- (1) On and after 10 December 2018, an old registered product whose old product category number is set out in column 1 of a row in Table 4 is taken to be listed on the new ESC register as belonging to the product category with the category number set out in column 2 of that row in that Table.

Table 4

<i>Column 1</i>	<i>Column 2</i>
<i>Old product category number</i>	<i>New product category number</i>
Schedule 5	5A
Schedule 6	5A
Schedule 7	7A
Schedule 8	7A
Schedule 9	9A
Schedule 10	10A
Item 15G	15G
Schedule 20	5A

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Part 4—Transitional provisions

<i>Column 1</i>	<i>Column 2</i>
<i>Old product category number</i>	<i>New product category number</i>
Item 21A	21A
Item 21B	21B
Item 21C	21C
Item 21D	21D
Item 21E	21E
Item 21F	21F
Schedule 23	23A
Schedule 26	26A
Item 34C	34B

- (2) On and after 10 December 2018, an old registered product whose old product category number is set out in column 1 of a row in Table 5 that relates to a class of lighting set out in column 3 of that row in that Table is taken to be listed on the new ESC register as belonging to the product category with the category number set out in column 2 of that row in that Table.

Table 5

<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>
<i>Old product category number</i>	<i>New product category number</i>	<i>Class of lighting</i>
Item 34B	27A	Public lighting
Item 34B	34A	Building based lighting (other than public lighting)
Item 34B	35A	Non building based lighting (other than public lighting)
Item 34D	27B	Public lighting

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Part 4—Transitional provisions

<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>
<i>Old product category number</i>	<i>New product category number</i>	<i>Class of lighting</i>
Item 34D	34C	Building based lighting (other than public lighting)
Item 34D	35B	Non building based lighting (other than public lighting)

- (3) The ESC may remove a product to which this regulation applies from the new ESC register.
- (4) In deciding whether to remove a product from the new ESC register, the ESC must have regard to the following—
- (a) whether the product meets the criteria applying to the product category for which the product is taken to be listed;
 - (b) how closely the product meets the minimum energy efficiency criteria of the new Regulations;
 - (c) the extent of any change to the standards used to determine the energy efficiency of a product from the Standards used to determine the energy efficiency of the product under the old Regulations;
 - (d) whether the process for measuring the energy efficiency of a product is more stringent or less stringent than the process for measuring the energy efficiency of the product under the old Regulations.

- (5) Nothing in this regulation requires the ESC to remove a product to which this regulation applies from the new ESC register only because the product does not comply with the criteria applying to a product category.
- (6) The ESC must publish a determination under subregulation (3) on the ESC Internet site.

47 Other listing powers not affected

Nothing in regulations 43 to 46 prevents the ESC from—

- (a) removing a product from the new ESC register under regulation 31(2) or (3); or
- (b) listing on the new ESC register in accordance with regulation 31(1) or 33(1) a product removed from the register under regulation 46.

48 Existing applications

An application that is made to the ESC before 10 December 2018 for registration of a product on the old ESC register that is not determined before that day must be determined in accordance with the new Regulations as if it were an application for inclusion of the product on the new ESC register.

Part 5—Amendment of Victorian Energy Efficiency Target (Project-Based Activities) Regulations 2017

49 Amendment of Victorian Energy Efficiency Target (Project-Based Activities) Regulations 2017

- (1) In regulations 6(3)(d)(vii), 11(3)(e) and 15(1)(a)(ii) of the Victorian Energy Efficiency Target (Project-Based Activities) Regulations 2017², for "regulation 9 of the Victorian Energy Efficiency Target Regulations 2008" **substitute** "regulation 29 of the Victorian Energy Efficiency Target Regulations 2018".
- (2) Part 6 of the Victorian Energy Efficiency Target (Project-Based Activities) Regulations 2017 is **revoked**.

Victorian Energy Efficiency Target Regulations 2018
S.R. No. 145/2018

Schedule 1—Regulations revoked

Schedule 1—Regulations revoked

Regulation 4(2)

<i>S.R. No.</i>	<i>Title</i>
109/2010	Victorian Energy Efficiency Target Amendment (Assignment of Right) Regulations 2010
127/2010	Victorian Energy Efficiency Target Amendment Regulations 2010
31/2011	Victorian Energy Efficiency Target Amendment (Scheme Target) Regulations 2011
56/2011	Victorian Energy Efficiency Target Amendment (Ductwork and Standby Power Controllers) Regulations 2011
146/2011	Victorian Energy Efficiency Target Amendment (Prescribed Activities) Regulations 2011
6/2012	Victorian Energy Efficiency Target Amendment (Prescribed Activities) Regulations 2012
14/2012	Victorian Energy Efficiency Target Amendment (In-Home Displays) Regulations 2012
32/2012	Victorian Energy Efficiency Target Amendment (Further Prescribed Activities) Regulations 2012
43/2012	Victorian Energy Efficiency Target Amendment (Scheme Acquisitions) Regulations 2012
24/2013	Victorian Energy Efficiency Target Amendment (Prescribed Activities) Regulations 2013
96/2013	Victorian Energy Efficiency Target Amendment (Relevant Entity and Other Matters) Regulations 2013
74/2014	Victorian Energy Efficiency Target Amendment Regulations 2014
167/2015	Victorian Energy Efficiency Target Amendment Regulations 2015
16/2016	Victorian Energy Efficiency Target Amendment (Ceiling Insulation and Incandescent Lighting) Regulations 2016
147/2016	Victorian Energy Efficiency Target Amendment (High Efficiency Televisions) Regulations 2016

Authorised by the Chief Parliamentary Counsel

Victorian Energy Efficiency Target Regulations 2018
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Schedule 1—Regulations revoked

<i>S.R. No.</i>	<i>Title</i>
52/2017	Victorian Energy Efficiency Target Amendment (Weather Sealing) Regulations 2017
71/2017	Victorian Energy Efficiency Target Amendment (Scheme Acquisition and Creation of Certificates) Regulations 2017

Schedule 2—Prescribed activities

Regulation 10

Part 1—Water heaters—replacing electric resistance water heater

1 Prescribed activity

The prescribed activity is decommissioning an electric resistance water heater and—

- (a) installing—
 - (i) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 1.1; or
 - (ii) an unlisted product that complies with the criteria specified in column 2 of an item in Table 1.1; and
- (b) in the case of a category 1E product, installing the product in accordance with the specified installation requirements.

Table 1.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
1A	A gas or liquefied petroleum gas storage water heater that is certified by an accredited body as achieving a specified minimum star rating when tested and rated in accordance with AS/NZS 5263.1.2.
1B	A gas or liquefied petroleum gas instantaneous water heater that is certified by an accredited body as achieving a specified minimum star rating when tested and rated in accordance with AS/NZS 5263.1.2.

Victorian Energy Efficiency Target Regulations 2018
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Schedule 2—Prescribed activities

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
1C	An electric boosted solar water heater that— (a) is certified by an accredited body as complying with AS/NZS 2712; and (b) achieves the specified minimum annual energy savings.
1D	A heat pump water heater that— (a) is certified by an accredited body as complying with AS/NZS 2712; and (b) achieves the specified minimum annual energy savings; and (c) is modelled against the specified heat pump modelling requirements.
1E	A product that meets the requirements of the Secretary's specifications for this item.
1F	A gas or liquefied petroleum gas boosted solar water heater that— (a) is certified by an accredited body as complying with AS/NZS 2712; and (b) achieves the specified minimum annual energy savings.
*	* * * * *

Note

There is currently no Part 2 in this Schedule.

Part 3—Water heaters—replacing gas/LPG

2 Prescribed activity

The prescribed activity is decommissioning a gas or liquefied petroleum gas water heater and—

- (a) installing—
 - (i) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 3.1; or

Schedule 2—Prescribed activities

- (ii) an unlisted product that complies with the criteria specified in column 2 of an item in Table 3.1; and
- (b) in the case of the category 3A product category, installing the product in accordance with the specified installation requirements.

Table 3.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
3A	A product that meets the requirements of the Secretary's specifications for this item.
3B	A gas or liquefied petroleum gas boosted solar water heater that— <ul style="list-style-type: none">(a) is certified by an accredited body as complying with AS/NZS 2712; and(b) achieves the specified minimum annual energy savings.
*	* * * * *

Note

There is currently no Part 4 in this Schedule.

Part 5—Space heating—ducted gas heater

3 Prescribed activity

- (1) The prescribed activity is—
 - (a) decommissioning a controlled heating or cooling product and installing a product specified in subclause (2); or
 - (b) installing a product specified in subclause (2) in premises where no space heating or cooling product is installed.

-
- (2) The specified products are the following—
- (a) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 5.1;
 - (b) an unlisted product that complies with the criteria specified in column 2 of an item in Table 5.1.

Table 5.1—Product categories

<i>Column 1 Category number</i>	<i>Column 2 Criteria applying to product category</i>
5A	A ducted gas heater with a minimum thermal output or capacity of 10 kW that is certified by an accredited body to achieve a specified minimum star rating when tested and rated in accordance with AS/NZS 5263.1.6.

Part 6—Space heating and cooling—general

4 Prescribed activity

- (1) The prescribed activity is—
- (a) decommissioning a controlled heating or cooling product and installing a product specified in subclause (2) in accordance with the specified installation requirements; or
 - (b) installing a product specified in subclause (2) in accordance with the specified installation requirements.
- (2) The specified products are the following—
- (a) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 6.1;

-
- (b) an unlisted product that complies with the criteria specified in column 2 of an item in Table 6.1.

Table 6.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
6A	A space heating product that meets the requirements of the Secretary's specifications for this item.
6B	A space cooling product that meets the requirements of the Secretary's specifications for this item.

Part 7—Space heating—ducted air to air heat pump

5 Prescribed activity

- (1) The prescribed activity is—
- (a) decommissioning a controlled heating or cooling product and installing a product specified in subclause (2); or
 - (b) installing a product specified in subclause (2) in any premises where there is no space heating or cooling product installed.
- (2) The specified products are the following—
- (a) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 7.1;
 - (b) an unlisted product that complies with the criteria specified in column 2 of an item in Table 7.1.

Table 7.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
7A	A ducted air to air heat pump that achieves the specified minimum performance requirement.

* * * * *

Note

There is currently no Part 8 in this Schedule.

**Part 9—Space heating—room
gas/LPG heater**

6 Prescribed activity

- (1) The prescribed activity is—
 - (a) decommissioning a controlled heating or cooling product and installing a product specified in subclause (2); or
 - (b) installing a product specified in subclause (2).
- (2) The specified products are the following—
 - (a) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 9.1;
 - (b) an unlisted product that complies with the criteria specified in column 2 of an item in Table 9.1.

Table 9.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
9A	A gas or liquefied petroleum gas heater that— (a) has a minimum thermal output or capacity of 2 kW; and (b) meets the specified flue design requirements; and (c) is certified by an accredited body to achieve a specified minimum star rating when tested and rated to AS/NZS 5263.1.3.

Part 10—Space heating—Room air to air heat pump

7 Prescribed activity

- (1) The prescribed activity is—
 - (a) decommissioning a controlled heating or cooling product and installing a product specified in subclause (2); or
 - (b) installing a product specified in subclause (2).
- (2) The specified products are the following—
 - (a) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 10.1;
 - (b) an unlisted product that complies with the criteria specified in column 2 of an item in Table 10.1.

Table 10.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
10A	An air to air heat pump (other than a ducted air to air heat pump) that achieves the specified minimum performance requirement.
*	* * * * *

Note

There is currently no Part 11 in this Schedule.

Part 12—Underfloor insulation

8 Prescribed activity

- (1) The prescribed activity is installing a product, or 2 or more products, specified in subclause (2), where the product or products—
 - (a) are installed in respect of a floor area that is not insulated; and
 - (b) are installed for a minimum of 20 m² in accordance with AS 3999.
- (2) The specified products are the following—
 - (a) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 12.1;
 - (b) an unlisted product that complies with the criteria specified in column 2 of an item in Table 12.1.

Table 12.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
12A	A product, or two or more products— <ul style="list-style-type: none">(a) that is or are designed so that when installed, or installed together, they comply with the performance requirements of AS/NZS 4859.1 (insulation material); and(b) that achieves or together achieve, a specified minimum R-value when measured and declared in accordance with AS/NZS 4859.1.

Part 13—Double glazed windows

9 Prescribed activity

- (1) The prescribed activity is installing a glazing product specified in subclause (2), where the product—
 - (a) is installed in place of one or more windows in an external wall; and
 - (b) is installed for a minimum of 5 m².
- (2) The specified products are the following—
 - (a) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 13.1;
 - (b) an unlisted product that complies with the criteria specified in column 2 of an item in Table 13.1.

Table 13.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
13A	A glazing product that— <ul style="list-style-type: none">(a) achieves a specified maximum Total U-value; and(b) is WERS rated and labelled to a specified minimum star rating for heating; and(c) complies with the performance requirements of AS 2047 and AS 1288.

Part 14—Thermally efficient window products

10 Prescribed activity

- (1) The prescribed activity is installing a product specified in subclause (2), where the product—
 - (a) is installed on one or more single glazed windows in an external wall; and
 - (b) is installed for a minimum glazed area of 5 m²; and
 - (c) in the case of a category 14A product, when installed, results in a still air gap being created between the single glazed window and the product; and
 - (d) in the case of a category 14B product, is installed in accordance with the specified installation requirements.
- (2) The specified products are the following—
 - (a) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 14.1;

- (b) an unlisted product that complies with the criteria specified in column 2 of an item in Table 14.1.

Table 14.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
14A	A product that, when installed on a single glazed window, results in a still air gap being created between the single glazed window and the product and raises the thermal efficiency performance of the window.
14B	A product that raises the thermal efficiency performance of a window and meets the requirements of the Secretary's specifications for this item.

Part 15—Weather sealing

11 Prescribed activity

The prescribed activity is undertaking in the same premises one or more of the weather sealing activities referred to in Table 15.1 unless the activity results, or those activities together result, in—

- (a) the volume of air that is exchanged at the premises each hour being less than 50% of the volume of the premises; or
- (b) the premises failing to comply with Part 3.8.5 of Volume Two of the Building Code.

Note

The concept in paragraph (a) is known as the air change rate. Expressed as a decimal number, the air change rate referred to in paragraph (a) is 0.5.

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Table 15.1

<i>Item</i>	<i>Weather sealing activity</i>
15.1	<p>Installing a category 15A product, or combination of category 15A products, to the frame of an external door or to each edge of an external door if that installation—</p> <ul style="list-style-type: none">(a) is in accordance with the manufacturer's instructions; and(b) restricts airflow along the entire perimeter of the door; and(c) does not impair the normal operation of the door.
15.2	<p>Installing a category 15B product, or combination of category 15B products, to the frame of an external window if that installation—</p> <ul style="list-style-type: none">(a) is in accordance with the manufacturer's instructions; and(b) restricts airflow through the window; and(c) does not impair the normal operation of the window.
15.3	<p>Doing all of the following things—</p> <ul style="list-style-type: none">(a) removing a ceiling or wall exhaust fan that does not comply with the criteria applying to the product category numbered 15C;(b) decommissioning that ceiling or wall exhaust fan;(c) installing, in accordance with the manufacturer's instructions and in the place of the decommissioned fan, a category 15C product.
15.4	<p>Installing a category 15D product—</p> <ul style="list-style-type: none">(a) in accordance with the manufacturer's instructions; and(b) on a ceiling or wall exhaust fan that expels air either outside or into the roof space of the premises and on which a category 15D product is not already installed; and

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<i>Item</i>	<i>Weather sealing activity</i>
	(c) so that when installed on a ceiling or wall exhaust fan, the product allows airflow through the exhaust of the fan when the fan is operating and restricts airflow when the fan is not operating.
15.5	Installing a category 15E product— <ul style="list-style-type: none">(a) in accordance with the manufacturer's instructions; and(b) in an unsealed wall vent; and(c) with the result that a ventilation opening in an external wall is sealed or closed.
15.6	Installing a category 15F product— <ul style="list-style-type: none">(a) in accordance with the manufacturer's instructions; and(b) in an unsealed chimney or flue of a fireplace in which a category 15F product is not already installed; and(c) so that when fitted to a chimney or flue of an open fireplace used to burn solid fuel, the product—<ul style="list-style-type: none">(i) restricts the airflow into or out of the chimney or flue when closed; and(ii) allows the fireplace to operate safely and effectively when open; and(d) so that it is fitted permanently to the chimney or flue.
15.7	Installing a category 15G product (not being the reinstalling of a category 15G product)— <ul style="list-style-type: none">(a) in accordance with the manufacturer's instructions; and(b) to an unsealed chimney or flue of a fireplace in which a category 15G product is not already installed; and(c) so that when fitted to a chimney or flue of an open fireplace used to burn solid fuel, the product restricts the airflow into or out of the chimney or flue; and

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<i>Item</i>	<i>Weather sealing activity</i>
	(d) with signage that includes instructions for removing the product.
15.8	Installing a category 15H product (not being the reinstalling of a category 15H product)— <ul style="list-style-type: none"> (a) in accordance with the manufacturer's instructions; and (b) so that the product covers the ceiling outlet of a ducted evaporative cooling system to which a category 15H product is not already installed; and (c) so that when installed to cover the ceiling outlet of a ducted evaporative cooling system, the product restricts airflow from inside the residential premises into the evaporative cooling ductwork; and (d) that is supplied for installation with instructions regarding— <ul style="list-style-type: none"> (i) the installation and removal of the product; and (ii) the time of year that the product should be installed and removed.
15.9	Installing a category 15I product in accordance with the specified installation requirements.

Table 15.2—Product categories

<i>Column 1</i>	<i>Column 2</i>
<i>Category number</i>	<i>Criteria applying to product category</i>
15A	A door sealing product or door weather stripping product, or a combination of those products each of which is covered by a warranty against defects for a period of at least 2 years from the date of installation.
15B	A window sealing product or window weather stripping product, or a combination of those products, each of which is covered by a warranty against defects for a period of at least 2 years from the date of installation.

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<i>Column 1</i>	<i>Column 2</i>
<i>Category number</i>	<i>Criteria applying to product category</i>
15C	<p>A product that—</p> <ul style="list-style-type: none">(a) is a ceiling or wall exhaust fan; and(b) expels air either outside or into the roof space of the premises it is installed in; and(c) is fitted with a self-closing damper, flap, filter or other sealing product that is designed to—<ul style="list-style-type: none">(i) allow airflow through the exhaust of the fan when the fan is operating; and(ii) restrict airflow when the fan is not operating; and(d) is covered by a warranty against defects for a period of at least 2 years from the date of installation.
15D	<p>A product that—</p> <ul style="list-style-type: none">(a) is a self-closing damper, flap, filter or other sealing product; and(b) is designed so that when installed on a ceiling or wall exhaust fan, it allows airflow through the exhaust of the fan when the fan is operating and restricts airflow when the fan is not operating; and(c) is covered by a warranty against defects for a period of at least 2 years from the date of installation.
15E	<p>A product that—</p> <ul style="list-style-type: none">(a) is made of a robust non-shrinking sealing material; and(b) is covered by a warranty against defects for a period of at least 2 years from the date of installation.
15F	<p>A product that—</p> <ul style="list-style-type: none">(a) is designed so that when fitted to a chimney or flue of an open fireplace used to burn solid fuel, the product—

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<i>Column 1</i>	<i>Column 2</i>
<i>Category number</i>	<i>Criteria applying to product category</i>
	<ul style="list-style-type: none">(i) restricts the airflow into or out of the chimney or flue when closed; and(ii) allows the fireplace to operate safely and effectively when open; and
	(b) is designed to be fitted permanently to the chimney or flue; and
	(c) is covered by a warranty against defects for a period of at least 5 years from the date of installation.
15G	A product that— <ul style="list-style-type: none">(a) is designed so that when fitted to a chimney or flue of an open fireplace used to burn solid fuel, the product restricts the airflow into or out of the chimney or flue; and(b) is designed to be installed on a temporary or seasonal basis; and(c) is covered by a warranty against defects for a period of at least 2 years from the date of installation; and(d) is not a chimney or flue balloon.
15H	A product that— <ul style="list-style-type: none">(a) is designed so that when installed to cover the ceiling outlet of a ducted evaporative cooling system, the product restricts airflow from inside the residential premises into the evaporative cooling ductwork; and(b) is designed to be installed on a temporary or seasonal basis; and(c) is covered by a warranty against defects for a period of at least 2 years from the date of installation; and

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<i>Column 1</i>	<i>Column 2</i>
<i>Category number</i>	<i>Criteria applying to product category</i>
	(d) is supplied for installation with instructions regarding— <ul style="list-style-type: none">(i) the installation and removal of the product; and(ii) the time of year that the product should be installed and removed.
15I	A product that meets the requirements of the Secretary's specifications for this item.

* * * * *

Note

There is currently no Part 16 in this Schedule.

Part 17—Low flow shower rose

12 Prescribed activity

- (1) The prescribed activity is—
 - (a) decommissioning a shower rose with a flow rate above 9 L/min; and
 - (b) installing a product specified in subclause (2).
- (2) The specified products are the following—
 - (a) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 17.1;
 - (b) an unlisted product that complies with the criteria specified in column 2 of an item in Table 17.1.

Table 17.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
17A	A shower rose complying with the requirements of AS/NZS 3662 that achieves a specified minimum star rating when assessed, registered and labelled in accordance with AS/NZS 6400.
*	* * * *

Note

There is currently no Part 18 in this Schedule.

* * * *

Note

There is currently no Part 19 in this Schedule.

* * * *

Note

There is currently no Part 20 in this Schedule.

Part 21—Incandescent lighting

13 Prescribed activity

The prescribed activity is—

- (a) decommissioning a mains voltage incandescent GLS lamp of at least 25 watts (tungsten filament lamp) or 18 watts (tungsten halogen lamp) or a mains voltage compact fluorescent lamp of at least 5 watts and installing a category 21A product that—
 - (i) has a light output equivalent to or higher than the decommissioned lamp; and

- (ii) if the lamp is to be installed in a dimmable circuit, is approved by the manufacturer as suitable for such a circuit; and
 - (iii) meets the performance requirements determined for the product by the ESC under regulation 36(6) for the installation of the product; or
- (b) decommissioning a mains voltage incandescent reflector lamp and installing a category 21B product that—
 - (i) is determined as suitable for the same purpose as the decommissioned lamp by the ESC under regulation 36(6); and
 - (ii) has a light output equivalent to the decommissioned lamp; and
 - (iii) if the lamp is to be installed in a dimmable circuit, is approved by the manufacturer as suitable for such a circuit; and
 - (iv) meets the performance requirements determined for the product by the ESC under regulation 36(6) for the installation of the product; or
- (c) decommissioning a 12 volt tungsten halogen lamp of at least 35 watts and having installed by a licensed electrician a category 21C product that—
 - (i) is compatible with the type of extra-low voltage lighting converter used with the decommissioned lamp; and
 - (ii) meets the performance requirements determined for the product by the ESC under regulation 36(6) for the installation of the product; and

- (iii) if the lamp is to be installed in a dimmable circuit, is approved by the manufacturer as suitable for such a circuit; and
 - (iv) in the case of a product installed in residential premises, has a specified minimum beam angle when determined in accordance with IEC/TR 61341.
- (d) decommissioning a 12 volt tungsten halogen downlight luminaire that uses a 12 volt tungsten halogen lamp of at least 35 watts and the transformer associated with the replaced lamp and having installed by a licensed electrician a category 21D product that—
 - (i) meets the performance requirements determined for the product by the ESC under regulation 36(6) for the installation of the product; and
 - (ii) if the lamp is to be installed in a dimmable circuit, is approved by the manufacturer as suitable for such a circuit; and
 - (iii) in the case of a product installed in residential premises, has a specified minimum beam angle when determined in accordance with IEC/TR 61341; or
- (e) decommissioning a mains voltage tungsten halogen lamp of at least 35 watts with a GU10 base and having installed by a licensed electrician a category 21E product that—
 - (i) meets the performance requirements determined for the product by the ESC under regulation 36(6) for the installation of the product; and

- (ii) if the lamp is to be installed in a dimmable circuit, is approved by the manufacturer as suitable for such a circuit; and
 - (iii) in the case of a product installed in residential premises, has a specified minimum beam angle when determined in accordance with IEC/TR 61341; or
- (f) decommissioning a mains voltage tungsten halogen downlight luminaire that uses a tungsten halogen lamp of at least 35 watts with a GU10 base and having installed by a licensed electrician a category 21F product that—
 - (i) meets the performance requirements determined for the product by the ESC under regulation 36(6) for the installation of the product; and
 - (ii) if the lamp is to be installed in a dimmable circuit, is approved by the manufacturer as suitable for such a circuit; and
 - (iii) in the case of a product installed in residential premises, has a specified minimum beam angle when determined in accordance with IEC/TR 61341; or
- (g) decommissioning specified lighting equipment in accordance with the specified decommissioning requirements and installing a category 21G product in accordance with the specified installation requirements.

Table 21.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
21A	<p>A LED GLS (general lighting service) lamp being a product that—</p> <ul style="list-style-type: none">(a) meets the performance requirements determined for the product by the ESC under regulation 36(6); and(b) achieves the specified minimum light source efficacy levels; and(c) if the lamp is to be installed in a dimmable circuit, is approved by the manufacturer as suitable for such a circuit; and(d) has a specified minimum lifetime rating; and(e) has a colour temperature that is, or is capable of being set to, warm white (2700K up to and including 3500K) or cool white (more than 3500K up to and including 4000K).
21B	<p>A LED lamp in place of a mains voltage incandescent reflector lamp, being a product that—</p> <ul style="list-style-type: none">(a) meets the performance requirements determined for the product by the ESC under regulation 36(6); and(b) achieves the specified minimum light source efficacy levels; and(c) has a specified minimum lifetime rating; and(d) if the lamp is to be installed in a dimmable circuit, is approved by the manufacturer as suitable for such a circuit; and(e) has a colour temperature that is, or is capable of being set to, warm white (2700K up to and including 3500K) or cool white (more than 3500K up to and including 4000K).

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<i>Column 1</i>	<i>Column 2</i>
<i>Category number</i>	<i>Criteria applying to product category</i>
21C	<p>A non-integrated LED lamp being a product that—</p> <ul style="list-style-type: none">(a) if the lamp is to be installed in a dimmable circuit, is approved by the manufacturer as suitable for a dimmable circuit; and(b) meets the performance requirements determined for the product by the ESC under regulation 36(6); and(c) achieves the specified minimum light source efficacy levels; and(d) has a minimum light output of 420 lumens; and(e) has a specified minimum lifetime rating; and(f) has a colour temperature that is, or is capable of being set to, warm white (2700K up to and including 3500K) or cool white (more than 3500K up to and including 4000K); and(g) in the case of a product installed in residential premises, has a specified minimum beam angle when determined in accordance with IEC/TR 61341.
21D	<p>A mains voltage downlight LED luminaire, being a product that—</p> <ul style="list-style-type: none">(a) if the downlight luminaire is to be installed in a dimmable circuit, is approved by the manufacturer as suitable for a dimmable circuit; and(b) uses a light source that—<ul style="list-style-type: none">(i) meets the performance requirements determined for the product by the ESC under regulation 36(6); and(ii) achieves the specified minimum light source efficacy level; and(iii) has a minimum light output of 400 lumens; and

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<i>Column 1</i>	<i>Column 2</i>
<i>Category number</i>	<i>Criteria applying to product category</i>
	<ul style="list-style-type: none">(iv) has a specified minimum lifetime rating; and(v) has a colour temperature that is, or is capable of being set to, warm white (2700K up to and including 3500K) or cool white (more than 3500K up to and including 4000K); and(vi) in the case of a product installed in residential premises, has a specified minimum beam angle when determined in accordance with IEC/TR 61341.
21E	<p>A LED lamp with integrated driver that—</p> <ul style="list-style-type: none">(a) has a GU10 base; and(b) meets the performance requirements determined for the product by the ESC under regulation 36(6); and(c) achieves the specified minimum light source efficacy level; and(d) has a minimum light output of 400 lumens; and(e) has a specified minimum lifetime rating; and(f) has a colour temperature that is, or is capable of being set to, warm white (2700K up to and including 3500K) or cool white (more than 3500K up to and including 4000K); and(g) if the lamp is to be installed in a dimmable circuit, is approved by the manufacturer as suitable for a dimmable circuit; and(h) in the case of a product installed in residential premises, has a specified minimum beam angle when determined in accordance with IEC/TR 61341.

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<i>Column 1</i>	<i>Column 2</i>
<i>Category number</i>	<i>Criteria applying to product category</i>
21F	<p>A mains voltage downlight LED integrated luminaire that—</p> <ul style="list-style-type: none">(a) meets the performance requirements determined for the product by the ESC under regulation 36(6); and(b) achieves the specified minimum light source efficacy level; and(c) has a minimum light output of 400 lumens; and(d) has a specified minimum lifetime rating; and(e) has a colour temperature that is, or is capable of being set to, warm white (2700K up to and including 3500K) or cool white (more than 3500K up to and including 4000K); and(f) if the luminaire is to be installed in a dimmable circuit, is approved by the manufacturer as suitable for a dimmable circuit; and(g) in the case of a product installed in residential premises, has a specified minimum beam angle when determined in accordance with IEC/TR 61341.
21G	<p>A product that meets the requirements of the Secretary's specifications for this item.</p>

Part 22—High efficiency refrigerators and freezers

14 Prescribed activity

The prescribed activity is—

- (a) installing—
 - (i) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 22.1; or
 - (ii) an unlisted product that complies with the criteria specified in column 2 of an item in Table 22.1; and
- (b) in the case of a category 22E product, installing the product in accordance with the specified installation requirements.

Table 22.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
22A	A single door refrigerator that achieves a specified minimum performance requirement.
22B	A two-door refrigerator that achieves a specified minimum performance requirement.
22C	A chest freezer that achieves a specified minimum performance requirement.
22D	An upright freezer that achieves a specified minimum performance requirement.
22E	A product that meets the requirements of the Secretary's specifications for this item.

Part 23—Space heating and cooling— ducted evaporative cooler

15 Prescribed activity

The prescribed activity is decommissioning a controlled heating or cooling product and installing—

- (a) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 23.1; or
- (b) an unlisted product that complies with the criteria specified in column 2 of an item in Table 23.1.

Table 23.1—Product categories

<i>Column 1 Category number</i>	<i>Column 2 Criteria applying to product category</i>
23A	A ducted evaporative cooler, being a product that— <ul style="list-style-type: none">(a) complies with AS 2913; and(b) has a minimum 7 kW rated output; and(c) has a specified minimum effective energy efficiency ratio.

Part 24—High efficiency televisions

16 Prescribed activity

The prescribed activity is installing—

- (a) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 24.1; or

- (b) an unlisted product that complies with the criteria specified in column 2 of an item in Table 24.1.

Table 24.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
24A	A television that achieves the specified minimum performance requirement.

Part 25—Energy efficient (low greenhouse intensity) clothes dryers

17 Prescribed activity

The prescribed activity is—

- (a) installing—
- (i) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 25.1; or
 - (ii) an unlisted product that complies with the criteria specified in column 2 of an item in Table 25.1; and
- (b) in the case of a category 25B product, installing the product in accordance with the specified installation requirements.

Table 25.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
25A	An electric clothes dryer that— <ul style="list-style-type: none">(a) achieves the specified minimum performance requirement; and(b) is not part of a combination washer/dryer.

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<i>Column 1</i>	<i>Column 2</i>
<i>Category number</i>	<i>Criteria applying to product category</i>
25B	A clothes dryer that meets the requirements of the Secretary's specifications for this item.

Part 26—High efficiency pool pumps

18 Prescribed activity

The prescribed activity is—

- (a) installing—
 - (i) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 26.1; or
 - (ii) an unlisted product that complies with the criteria specified in column 2 of an item in Table 26.1; and
- (b) in the case of a category 26B product, installing the product in accordance with the specified installation requirements.

Table 26.1—Product categories

<i>Column 1</i>	<i>Column 2</i>
<i>Category number</i>	<i>Criteria applying to product category</i>
26A	A product for use with a domestic pool or spa that— <ul style="list-style-type: none">(a) is a single phase, single speed, dual speed, multiple speed or variable speed pump unit; and(b) has an input power of not less than 100W and not more than 2500W when tested in accordance with AS 5102.1; and

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<i>Column 1</i>	<i>Column 2</i>
<i>Category number</i>	<i>Criteria applying to product category</i>
	(c) is listed as part of a labelling scheme determined in accordance with the Equipment Energy Efficiency (E3) Committee's Voluntary Energy Rating Labelling Program for Swimming Pool Pump-units: Rules for Participation, amended in November 2010, and achieves a specified minimum star rating when determined in accordance with AS 5102.2; or
	(d) is registered for energy labelling and achieves a specified minimum star rating when determined in accordance with AS 5102.2.
26B	A pool pump that meets the requirements of the Secretary's specifications for that item.

Part 27—Public lighting upgrade

19 Prescribed activity

- (1) The prescribed activity is undertaking an upgrade in a public open space of lighting that is owned by a relevant body by doing any of the following—
- (a) installing a product specified in subclause (2) and—
 - (i) decommissioning any removed lighting equipment; and
 - (ii) in the case of a category 27B product, installing the product so that it meets the minimum power factor determined for the product by the ESC under regulation 36(6);
 - (b) removing and not replacing—
 - (i) a LED integrated luminaire; or

-
- (ii) the lamp and control gear associated with a non-integrated luminaire.
- (2) The specified products are the following—
- (a) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 27.1;
 - (b) an unlisted product that complies with the criteria specified in column 2 of an item in Table 27.1.
- (3) In this clause—

relevant body means—

- (a) a distribution company within the meaning of the **Electricity Industry Act 2000**; or
- (b) a Council within the meaning of the **Local Government Act 1989**; or
- (c) a responsible road authority within the meaning of the **Road Management Act 2004**.

Table 27.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
27A	A lighting control device, other than a voltage reduction unit, that is certified by the manufacturer as appropriate for use with the type of luminaire it will be required to control.
27B	Any other lighting equipment that— <ul style="list-style-type: none">(a) meets the minimum standards determined for the product by the ESC under regulation 36(6) when tested by an approved laboratory in accordance with

Schedule 2—Prescribed activities

<i>Column 1</i>	<i>Column 2</i>
<i>Category number</i>	<i>Criteria applying to product category</i>
	the laboratory test approved for the equipment by the ESC in a determination under that regulation; and
	(b) is not a T5 adaptor.

Part 28—Gas heating ductwork

20 Prescribed activity

- (1) The prescribed activity is—
- (a) decommissioning gas heating ductwork that is connected to a ducted gas heater; and
 - (b) installing a product specified in subclause (2); and
 - (c) in the case of a category 28A product, constructing and installing the product—
 - (i) in accordance with the requirements set out in AS 4254.1; and
 - (ii) using fittings that—
 - (A) for a building classified as a Class 1 or 10 building under Part A3 of Volume One of the Building Code, achieve at least the R-value specified by Table 3.12.5.2 of Volume Two of the Building Code; and
 - (B) for a building classified as a Class 2 to 9 building under Part A3 of Volume 1 of the Building Code, achieve the minimum total R-value specified by Specification J5.2b of Volume One of the Building Code.

- (d) in the case of a category 28B product, constructing and installing the product—
 - (i) in accordance with the requirements set out in AS 4254.2; and
 - (ii) using fittings that—
 - (A) for a building classified as a Class 1 or 10 building under Part A3 of Volume One of the Building Code, achieve at least the R-value specified by Table 3.12.5.2 of Volume Two of the Building Code; and
 - (B) for a building classified as a Class 2 to 9 building under Part A3 of Volume 1 of the Building Code, achieve the minimum total R-value specified by Specification J5.2b of Volume One of the Building Code.
- (2) The specified products are the following—
 - (a) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 28.1;
 - (b) an unlisted product that complies with the criteria specified in column 2 of an item in Table 28.1.

Table 28.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
28A	<p>Flexible ductwork that—</p> <ul style="list-style-type: none"> (a) is tested and certified by an approved laboratory as complying with AS 4254.1 and labelled in accordance with that Standard; and (b) is insulated using bulk insulation that is certified by an accredited body or approved laboratory as complying with AS/NZS 4859.1 and achieves the specified minimum R-value for that ductwork when measured in accordance with that Standard.
28B	<p>Rigid ductwork that—</p> <ul style="list-style-type: none"> (a) is tested and certified by an approved laboratory as complying with AS 4254.2; and (b) is insulated using bulk insulation that is certified by an accredited body or approved laboratory as complying with AS/NZS 4859.1 and achieves the specified minimum R-value for that ductwork when measured in accordance with AS/NZS 4859.1; and (c) is longitudinally labelled at intervals of not more than 1.5 meters, in characters that are clearly legible and at least 18 mm high stating— <ul style="list-style-type: none"> (i) the duct manufacturer's or duct assembler's name; and (ii) the diameter of the duct core; and (iii) the R-value of the bulk insulation; and (iv) that the ductwork complies with AS 4254.2.
*	* * * * *

Note

There is currently no Part 29 in this Schedule.

Part 30—In-home display unit

21 Prescribed activity

The prescribed activity is—

- (a) installing—
 - (i) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 30.1; or
 - (ii) an unlisted product that complies with the criteria specified in column 2 of an item in Table 30.1; and
- (b) in the case of a category 30C product, installing the product in accordance with the specified installation requirements.

Table 30.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
30A	An in-home display unit that when installed in relation to an AMI metering installation in residential premises provides information on the total electricity consumption of the residential premises directly to the consumer in respect of whom the installation is undertaken, and— <ul style="list-style-type: none">(a) complies with—<ul style="list-style-type: none">(i) the ZigBee Smart Energy Profile Specification published by the ZigBee Standards Organization on 1 December 2008; and(ii) the ZigBee Smart Energy Standard version 1.2a published by the ZigBee Standards Organization on 3 December 2014; and

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<i>Column 1</i>	<i>Column 2</i>
<i>Category number</i>	<i>Criteria applying to product category</i>
	<p>(b) when tested by an approved laboratory in accordance with the laboratory test approved for that display unit by the ESC in a determination under regulation 36(6), is demonstrated to—</p> <ul style="list-style-type: none">(i) determine electricity consumption information from the sensing apparatus at least every 30 seconds; and(ii) be able to store electricity consumption information from the previous 45 days; and(iii) be able to display the following information to the consumer or to relay to a device that is capable of displaying the following information to the consumer—<ul style="list-style-type: none">(A) electricity consumption information from the previous 45 days in intervals no longer than one hour per day of information displayed and one day per week of information displayed;(B) the average total household electric power consumption (in watts) for the displayed period, which must be updated at least every 30 seconds;(C) the total household electricity consumption (in kWh) for the displayed period and the cost of that consumption, which must be updated at least every 30 seconds; and

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S.R. No. 145/2018

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<i>Column 1</i>	<i>Column 2</i>
<i>Category number</i>	<i>Criteria applying to product category</i>
	<ul style="list-style-type: none">(iv) be able to display the information referred to in subparagraph (iii) to the consumer or relay to a device that is capable of displaying that information to the consumer—<ul style="list-style-type: none">(A) in a numerical format; and(B) in a format (other than a numerical format) that allows the consumer to readily distinguish between low and high consumption; and(v) be able to display to the consumer or relay to a device that is capable of displaying to the consumer the tariff (in cost per unit of energy consumed) and the total cost of electricity consumed for the period displayed; and(vi) be able to permanently erase all electricity consumption and tariff information held by the product including all information entered by the consumer; and(vii) have an average electric power consumption of not more than 0.6 watts when operating under normal circumstances; and
(c)	if battery powered, uses a battery that has a manufacturer's rated lifetime of at least 5 years when operating under normal circumstances.

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<i>Column 1</i>	<i>Column 2</i>
<i>Category number</i>	<i>Criteria applying to product category</i>
30B	<p>An in-home display unit that, when installed in relation to any sensing apparatus in residential premises, provides information on the total electricity consumption of the residential premises directly to the consumer in respect of whom the installation is undertaken, and—</p> <p>(a) when tested by an approved laboratory in accordance with the laboratory test approved for that display unit by the ESC in a determination under regulation 36(6) for the purposes of this item, is demonstrated to—</p> <p>(i) determine electricity consumption information from the sensing apparatus at least every 30 seconds; and</p> <p>(ii) be able to store electricity consumption information from the previous 45 days; and</p> <p>(iii) be able to display the following information to the consumer or to relay to a device that is capable of displaying the following information to the consumer—</p> <p>(A) electricity consumption information from the previous 45 days in intervals no longer than one hour per day of information displayed and one day per week of information displayed; and</p> <p>(B) the average total household electric power consumption (in watts) for the displayed period, which must be updated at least every 30 seconds; and</p>

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<i>Column 1</i>	<i>Column 2</i>
<i>Category number</i>	<i>Criteria applying to product category</i>
	<ul style="list-style-type: none"> (C) the total household electricity consumption (in kWh) for the displayed period and the cost of that consumption, which must be updated at least every 30 seconds; and
	<ul style="list-style-type: none"> (iv) be able to display the information referred to in subparagraph (iii) to the consumer or relay to a device that is capable of displaying that information to the consumer— <ul style="list-style-type: none"> (A) in a numerical format; and (B) in a format (other than a numerical format) that allows the consumer to readily distinguish between low and high consumption; and (v) be able to display to the consumer or relay to a device that is capable of displaying to the consumer the tariff (in cost per unit of energy consumed) and the total cost of electricity consumed for the period displayed; and (vi) be able to permanently erase all electric power consumption and tariff information held by the product (including all information entered by the consumer); and (vii) have an average electricity consumption of not more than 0.6 watts when operating under normal circumstances; and (viii) is demonstrated to provide electricity consumption information that is accurate to within 5% of actual electricity consumption; and

Schedule 2—Prescribed activities

<i>Column 1</i>	<i>Column 2</i>
<i>Category number</i>	<i>Criteria applying to product category</i>
	(b) if battery powered, uses a battery that has a manufacturer's rated lifetime of at least 5 years when operating under normal circumstances; and
	(c) uses, for its communications with the sensing apparatus and any display device, an encrypted communication protocol that is approved by the ESC in a determination under regulation 36(6) for the purposes of this item.
30C	A product that meets the requirements of the Secretary's specifications for this item.

Part 31—High efficiency motor

22 Prescribed activity

The prescribed activity is—

- (a) installing—
 - (i) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 31.1; or
 - (ii) an unlisted product that complies with the criteria specified in column 2 of an item in Table 31.1; and
- (b) in the case of a category 31C product, installing the product in accordance with the specified installation requirements.

Table 31.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
31A	A three-phase cage induction motor that— (a) achieves the specified minimum performance requirement; and (b) has 2, 4, 6 or 8 poles.
31B	A three-phase cage induction motor that— (a) has a rated output, as determined in accordance with AS 60034.1-2009 as published on 15 July 2009 of not less than 0.75 and not more than 185 kW; and (b) meets the requirements for an IE4 (super premium) efficiency level motor proposed in Annex A of IEC/TS 60034-31 when tested in accordance with IEC 60034-2-1; and (c) has 2, 4 or 6 poles.
31C	A motor that meets the requirements of the Secretary's specifications for this item.

Part 32—Refrigerated display cabinet

23 Prescribed activity

The prescribed activity is installing—

- (a) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 32.1; or
- (b) an unlisted product that complies with the criteria specified in column 2 of an item in Table 32.1.

Table 32.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
32A	A refrigerated display cabinet that achieves the specified minimum performance requirement.

Part 33—Refrigeration fan motor and ventilation fan motor

24 Prescribed activity

The prescribed activity is—

- (a) installing—
 - (i) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 33.1; or
 - (ii) an unlisted product that complies with the criteria specified in column 2 of an item in Table 33.1; and
- (b) in the case of a category 33A product, installing the product into a fan in a refrigerated display cabinet, commercial freezer or cool room; and
- (c) in the case of a category 33B product, installing the product into a ducted fan or partition fan in an air-handling system as defined in ISO 13349:2010; and
- (d) in the case of a category 33C product, installing the product in accordance with the specified installation requirements.

Table 33.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
33A	A fan motor that— <ul style="list-style-type: none">(a) is an electronically commutated motor that has—<ul style="list-style-type: none">(i) in the case of an internal rotor motor, a rated motor output of not more than 600 watts; or(ii) in the case of an external rotor motor, a rated motor input of not more than 800 watts; and(b) is designed to be installed into a fan in a refrigerated display cabinet, commercial freezer or cool room.
33B	A fan motor that— <ul style="list-style-type: none">(a) is an electronically commutated motor that has—<ul style="list-style-type: none">(i) in the case of an internal rotor motor, a rated motor output of not more than 600 watts; or(ii) in the case of an external rotor motor, a rated motor input of not more than 800 watts; and(b) is designed to be installed into a ducted fan or partition fan in an air-handling system as defined in ISO 13349:2010.
33C	A fan motor that meets the requirements of the Secretary's specifications for this item.

Part 34—Building based lighting upgrade

25 Prescribed activity

- (1) The prescribed activity is undertaking a lighting upgrade in a building by doing any of the following—
 - (a) installing a product specified in subclause (2) and—
 - (i) decommissioning any removed lighting equipment; and
 - (ii) in the case of a category 34B product, installing the product so that it is not installed in conjunction with electronic ballasts; and
 - (iii) in the case of a category 34C product, installing the product so that it meets the minimum power factor determined by the ESC for the product under regulation 36(6);
 - (b) removing and not replacing not more than half the lamps from a luminaire that houses multiple lamps and decommissioning any associated control gear;
 - (c) removing and not replacing—
 - (i) a LED integrated luminaire; or
 - (ii) the lamp and control gear associated with a non-integrated luminaire.
- (2) The specified products are the following—
 - (a) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 34.1;

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- (b) an unlisted product that complies with the criteria specified in column 2 of an item in Table 34.1.

Table 34.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
34A	A lighting control device, other than a voltage reduction unit, that is certified by the manufacturer as appropriate for use with the type of luminaire it will control.
34B	A voltage reduction unit that has an output voltage ascertained by an approved laboratory in accordance with the laboratory test approved for the unit by the ESC in a determination under regulation 36(6).
34C	Any other lighting equipment that— (a) meets the minimum standards determined for that equipment by the ESC under regulation 36(6) when tested by an approved laboratory in accordance with the laboratory test approved for that equipment by the ESC in a determination under that regulation; and (b) is not a T5 adaptor.

Part 35—Non building based lighting upgrade

26 Prescribed activity

- (1) The prescribed activity is undertaking a lighting upgrade in a place (other than an upgrade referred to in Part 27 or Part 34) by doing any of the following—

Schedule 2—Prescribed activities

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- (a) installing a product specified in subclause (2) and—
- (i) decommissioning any removed lighting equipment; and
 - (ii) in the case of a category 35B product, installing the product so that it meets the minimum power factor determined for the product by the ESC under regulation 36(6);
- (b) removing and not replacing not more than half the lamps from a luminaire that houses multiple lamps and decommissioning any control gear associated with the lamps;
- (c) removing and not replacing—
- (i) a LED integrated luminaire; or
 - (ii) the lamp and control gear associated with a non-integrated luminaire.
- (2) The specified products are the following—
- (a) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 35.1;
 - (b) an unlisted product that complies with the criteria specified in column 2 of an item in Table 35.1.

Table 35.1—Product categories

<i>Column 1</i> <i>Category</i> <i>number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
35A	A lighting control device, other than a voltage reduction unit, that is certified by the manufacturer as appropriate for use with the type of luminaire it will be required to control.

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<i>Column 1</i>	<i>Column 2</i>
<i>Category number</i>	<i>Criteria applying to product category</i>
35B	Any other lighting equipment that— (a) meets the minimum standards determined by the ESC under regulation 36(6) when tested by an approved laboratory in accordance with the laboratory test approved by the ESC in a determination under that regulation; and (b) is not a T5 adaptor.

Part 36—Water efficient prerinse spray valve

27 Prescribed activity

- (1) The prescribed activity is—
- (a) installing a product specified in subclause (2)—
 - (i) on an existing fitting for a prerinse spray valve on which no prerinse spray valve has been previously installed; and
 - (ii) in accordance with AS/NZS 3500 and the Plumbing Regulations 2008³; or
 - (b) decommissioning a prerinse spray valve that is not rated as having a 4 star or higher water efficiency when assessed and labelled in accordance with AS/NZS 6400 and installing a product specified in subclause (2) in accordance with AS/NZS 3500 and the Plumbing Regulations 2008.
- (2) The specified products are the following—
- (a) a product listed on the ESC register as belonging to a product category whose category number is specified in column 1 of Table 36.1;

- (b) an unlisted product that complies with the criteria specified in column 2 of an item in Table 36.1.

Table 36.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
36A	A prerinse spray valve that— <ul style="list-style-type: none">(a) is rated as having a specified minimum star rating for water efficiency when assessed and labelled in accordance with AS/NZS 6400; and(b) is tap equipment that is determined to be a WELS product under the Water Efficiency Labelling and Standards Determination 2013 (No. 2) made under sections 18, 19 and 26 of the Water Efficiency Labelling and Standards Act 2005 of the Commonwealth.

Part 37—Gas-fired steam boiler

28 Prescribed activity

The prescribed activity is—

- (a) decommissioning one or more gas-fired steam boilers each of which was manufactured at least 10 years before the date it is decommissioned; and
- (b) installing one or more unlisted products each of which complies with the criteria specified in column 2 of an item in Table 37.1 and—
 - (i) if the product has a nominal gas consumption exceeding 3700 MJ/h but not exceeding 7500 MJ/h, has an electronic gas/air ratio control system; or

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- (ii) if the product has a nominal gas consumption exceeding 7500 MJ/h, has an electronic gas/air ratio control system that receives a signal from a flue gas sensor for combustion trim purposes.

Table 37.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
37A	A new gas-fired steam boiler that is a Type B appliance and meets the specified minimum thermal efficiency requirements.

Part 38—Gas-fired hot water boiler or gas-fired water heater

29 Prescribed activity

The prescribed activity is—

- (a) decommissioning one or more gas-fired hot water boilers, gas-fired steam boilers or gas-fired water heaters each of which was manufactured at least 10 years before the date it is decommissioned; and
- (b) installing one or more unlisted products each of which complies with the criteria specified in column 2 of an item in Table 38.1 and—
- (i) if the product has a nominal gas consumption exceeding 3700 MJ/h but not exceeding 7500 MJ/h, has an electronic gas/air ratio control system; or

- (ii) if the product has a nominal gas consumption exceeding 7500 MJ/h, has an electronic gas/air ratio control system that receives a signal from a flue gas sensor for combustion trim purposes.

Table 38.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
38A	A new gas-fired hot water boiler or gas-fired water heater that is a Type B appliance and meets the specified minimum thermal efficiency requirements.

Part 39—Electronic gas/air ratio control

30 Prescribed activity

The prescribed activity is installing on the burner of a gas-fired steam boiler, a gas-fired hot water boiler or gas-fired water heater that is a Type B appliance an unlisted product that complies with the criteria specified in column 2 of an item in Table 39.1.

Table 39.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
39A	An electronic gas/air ratio control that is designed to be installed on a burner of a gas-fired steam boiler, gas-fired water boiler or gas-fired water heater that is a Type B appliance as part of the burner's gas/air ratio control system.

Part 40—Combustion trim

31 Prescribed activity

The prescribed activity is installing on a gas-fired steam boiler, a gas-fired hot water boiler or gas-fired water heater that is a Type B appliance and has an electronic gas/air ratio control system capable of receiving a signal from a flue gas sensor for combustion trim purposes, an unlisted product that complies with the criteria specified in column 2 of an item in Table 40.1.

Table 40.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
40A	A combustion trim system that— <ol style="list-style-type: none">includes a flue gas sensor connected to a control panel, capable of sending a signal to a control damper on the burner air supply or variable speed drive on the fan motor; andis designed to be installed on a gas-fired steam boiler, gas-fired water boiler or gas-fired water heater that has an electronic gas/air ratio control system capable of receiving a signal from a flue gas sensor for combustion trim purposes.

Part 41—Gas-fired burners

32 Prescribed activity

The prescribed activity is—

- decommissioning a gas-fired burner that—
 - is on a gas-fired steam boiler, a gas-fired hot water boiler or a gas-fired water heater; and

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-
- (ii) was manufactured at least 10 years before the date it is decommissioned; and
 - (b) installing on a Type B appliance that is a gas-fired steam boiler, a gas-fired hot water boiler or a gas-fired water heater an unlisted product that—
 - (i) complies with the criteria specified in column 2 of an item in Table 41.1; and
 - (ii) if the product has a nominal gas consumption exceeding 3700 MJ/h, has an electronic gas/air ratio control system capable of receiving a signal from a flue gas sensor for gas/air ratio control purposes.

Table 41.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
41A	A product that is a gas-fired burner.

Part 42—Economizers

33 Prescribed activity

The prescribed activity is—

- (a) installing on a gas-fired steam boiler, a gas-fired hot water boiler or gas-fired water heater that is a Type B appliance (other than a condensing steam boiler, condensing hot water boiler or condensing water heater) an unlisted product that—
 - (i) is of the condensing type; and
 - (ii) complies with the criteria specified in column 2 of an item in Table 42.1; and

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-
- (iii) provides for the products of combustion to be expelled into a stack constructed from stainless steel; and
 - (iv) unless the product is specifically designed to run dry, has a control system for minimum flow rates that does not require manual intervention for operation; or
- (b) installing on a gas-fired steam boiler that is a Type B appliance (other than a condensing water boiler or condensing water heater) an unlisted product that—
- (i) is not of the condensing type; and
 - (ii) complies with the criteria specified in column 2 of an item in Table 42.1; and
 - (iii) unless the product is specifically designed to run dry, has a control system for minimum flow rates that does not require manual intervention for operation.

Table 42.1—Product categories

<i>Column 1</i> <i>Category number</i>	<i>Column 2</i> <i>Criteria applying to product category</i>
42A	An economizer that— <ul style="list-style-type: none">(a) is a heat exchanger that uses the products of combustion from a gas-fired steam boiler, a gas-fired hot water boiler or a gas-fired water heater to heat boiler feedwater; and(b) complies with AS 1228.

Schedule 3—Time at which activity undertaken and reduction in greenhouse gas emissions occurs

Regulation 11

1 Interpretation

- (1) A reference in this Schedule to a day on which an activity is undertaken or an activity occurs is a reference to the beginning of that day.
- (2) A reference in a clause of this Schedule to an *installed product* is a reference to the listed product or unlisted product that is installed as part of the prescribed activity to which the clause applies.

2 Gas or LPG storage or instantaneous water heater—Schedule 2, Part 1

- (1) This clause applies to a prescribed activity set out in Part 1 of Schedule 2 if the product installed as part of that activity is—
 - (a) a category 1A product; or
 - (b) a category 1B product.
- (2) The time specified for the purposes of regulation 11(1) and (2) for the prescribed activity is the later of—
 - (a) the day on which the installed product is first able to produce and deliver water heated by gas or liquefied petroleum gas; or
 - (b) the day on which the electric resistance water heater is decommissioned.

3 Electric boosted solar water heater—Schedule 2, Part 1

- (1) This clause applies to a prescribed activity set out in Part 1 of Schedule 2 if the product installed as part of that activity is a category 1C product.
- (2) The time specified for the purposes of regulation 11(1) and (2) for the prescribed activity is the later of—
 - (a) the day on which the installed product is first able to produce and deliver water heated by solar energy; or
 - (b) the day on which the electric resistance water heater is decommissioned.

4 Heat pump water heater—Schedule 2, Part 1

- (1) This clause applies to a prescribed activity set out in Part 1 of Schedule 2 if the product installed as part of that activity is a category 1D product.
- (2) The time specified for the purposes of regulation 11(1) and (2) for the prescribed activity is the later of—
 - (a) the day on which the installed product is first able to produce and deliver water heated by the heat pump water heater; or
 - (b) the day on which the electric resistance water heater is decommissioned.

5 Specified water heater—Schedule 2, Part 1

- (1) This clause applies to a prescribed activity set out in Part 1 of Schedule 2 if the product installed as part of that activity is a category 1E product.

Schedule 3—Time at which activity undertaken and reduction in greenhouse
gas emissions occurs

- (2) The time specified for the purposes of regulation 11(1) and (2) for the prescribed activity is the later of—
- (a) the day on which the installed product is first able to operate as described in the Secretary's specifications; or
 - (b) the day on which the electric resistance water heater is decommissioned.

6 Gas boosted solar water heater—Schedule 2, Part 1

- (1) This clause applies to a prescribed activity set out in Part 1 of Schedule 2 if the product installed as part of that activity is a category 1F product.
- (2) The time specified for the purposes of regulation 11(1) and (2) for the prescribed activity is the later of—
- (a) the day on which the installed product is first able to operate to produce and deliver water heated by solar energy; or
 - (b) the day on which the electric resistance water heater is decommissioned.

7 Specified water heater—Schedule 2, Part 3

- (1) This clause applies to a prescribed activity set out in Part 3 of Schedule 2 if the product installed as part of that activity is a category 3A product.
- (2) The time specified for the purposes of regulation 11(1) and (2) for the prescribed activity is the later of—
- (a) the day on which the installed product is first able to operate as described in the Secretary's specifications; or
 - (b) the day on which the gas or liquefied petroleum gas water heater is decommissioned.

8 Gas boosted solar water heater—Schedule 2, Part 3

- (1) This clause applies to a prescribed activity set out in Part 3 of Schedule 2 if the product installed as part of that activity is a category 3B product.
- (2) The time specified for the purposes of regulation 11(1) and (2) for the prescribed activity is the later of—
 - (a) the day on which the installed product is first able to produce and deliver water heated by solar energy; or
 - (b) the day on which the gas or liquefied petroleum gas water heater is decommissioned.

9 Ducted gas heater—Schedule 2, Part 5

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 5 of Schedule 2 is the later of—

- (a) the day on which the installed product is first able to produce and deliver heating; or
- (b) if the prescribed activity involves decommissioning a controlled heating or cooling product, the day on which the controlled heating or cooling product is decommissioned.

10 Specified space heating product and space cooling product—Schedule 2, Part 6

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 6 of Schedule 2 is the later of—

- (a) the day on which the installed product is first able to produce and deliver heating or cooling; or

Schedule 3—Time at which activity undertaken and reduction in greenhouse
gas emissions occurs

- (b) if the prescribed activity involves decommissioning a controlled heating or cooling product, the day on which the controlled heating or cooling product is decommissioned.

11 Ducted air to air heat pump—Schedule 2, Part 7

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 7 of Schedule 2 is the later of—

- (a) the day on which the installed product is first able to produce and deliver heating and cooling (as the case requires); or
- (b) if the prescribed activity involves decommissioning a controlled heating or cooling product, the day on which the controlled heating or cooling product is decommissioned.

12 Room gas/LPG heater—Schedule 2, Part 9

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 9 of Schedule 2 is the later of—

- (a) the day on which the installed product is first able to produce and deliver heating; or
- (b) if the prescribed activity involves decommissioning a controlled heating or cooling product, the day on which the controlled heating or cooling product is decommissioned.

13 Room air to air heat pump—Schedule 2, Part 10

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 10 of Schedule 2 is the later of—

Schedule 3—Time at which activity undertaken and reduction in greenhouse
gas emissions occurs

- (a) the day on which the installed product is first able to produce and deliver heating and cooling; or
- (b) if the prescribed activity involves decommissioning a controlled heating or cooling product, the day on which the controlled heating or cooling product is decommissioned.

14 Underfloor insulation—Schedule 2, Part 12

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 12 of Schedule 2 is the day on which the installation of the product or products is completed.

15 Glazing product—Schedule 2, Part 13

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 13 of Schedule 2 is the day on which the installation of the product is completed.

16 Thermally efficient window—Schedule 2, Part 14

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 14 of Schedule 2 is the day on which the installation of the product is completed.

17 Weather sealing—Schedule 2, Part 15

- (1) This clause applies to a prescribed activity set out in Part 15 of Schedule 2 if the product installed as part of that activity is—
 - (a) a category 15A product; or
 - (b) a category 15B product; or
 - (c) a category 15D product; or
 - (d) a category 15E product; or
 - (e) a category 15F product; or

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gas emissions occurs

(f) a category 15G product; or

(g) a category 15H product.

(2) The time specified for the purposes of regulation 11(1) and (2) for the prescribed activity is the day on which the last of the products or combinations of products is installed as part of the activity.

**18 Weather sealing—ceiling or wall exhaust fan—
Schedule 2, Part 15**

(1) This clause applies to a prescribed activity set out in Part 15 of Schedule 2 if the product installed as part of that activity is a category 15C product.

(2) The time specified for the purposes of regulation 11(1) and (2) for the prescribed activity is the later of—

(a) the day on which the last of the products is installed; or

(b) the day on which the last of the ceiling or wall exhaust fans replaced by the installed products is decommissioned.

**19 Weather sealing—weather sealing product—
Schedule 2, Part 15**

(1) This clause applies to a prescribed activity set out in Part 15 of Schedule 2 if the product installed as part of that activity is a category 15I product.

(2) The time specified for the purposes of regulation 11(1) and (2) for the prescribed activity is the day on which the installed product is first able to operate as described in the Secretary's specifications.

20 Low flow shower rose—Schedule 2, Part 17

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 17 of Schedule 2 is the later of—

- (a) the day on which the installation of the product is completed; or
- (b) the day on which the shower rose with a flow rate above 9 L/min is decommissioned.

21 Incandescent lighting—Schedule 2, Part 21

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 21 of Schedule 2 is the later of—

- (a) the day on which the installation of the product is completed; or
- (b) the day on which the replaced incandescent lamp is decommissioned.

**22 High efficiency refrigerators and freezers—
Schedule 2, Part 22**

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 22 of Schedule 2 is the day on which the installation of the product is completed.

23 Ducted evaporative cooler—Schedule 2, Part 23

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 23 of Schedule 2 is the day on which the installed product is first able to produce and deliver evaporative cooling.

24 High efficiency television—Schedule 2, Part 24

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 24 of Schedule 2 is the day on which the installation of the product is completed.

25 Energy efficient clothes dryers—Schedule 2, Part 25

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 25 of Schedule 2 is the day on which the installation of the product is completed.

26 High efficiency pool pumps—Schedule 2, Part 26

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 26 of Schedule 2 is the day on which the installation of the product is completed.

27 Public lighting upgrade—Schedule 2, Part 27

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 27 of Schedule 2 is the day on which the activity is completed.

28 Gas heating ductwork—Schedule 2, Part 28

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 28 of Schedule 2 is the later of—

- (a) the day on which the installation of the product is completed; or
- (b) the day on which the ducted gas heater connected to the installed product is first able to produce and deliver gas heating after the installation of the ductwork.

29 In-home display unit—Schedule 2, Part 30

The time specified for the purposes of regulation 11(1) and (2) for the prescribed activity set out in Part 30 of Schedule 2 is the first day on which the installed product is connected to the sensing apparatus and provides to the consumer—

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gas emissions occurs

- (a) if the installed product is a category 30A product, the information referred to in paragraph 30A(b)(iii)(C) of the criteria applying to that product category; or
- (b) if the installed product is a category 30B product, the information referred to in paragraph 30B(a)(iii)(C) of the criteria applying to that product category.

30 High efficiency motor—Schedule 2, Part 31

- (1) This clause applies to a prescribed activity set out in Part 31 of Schedule 2 if the product installed as part of that activity is—
 - (a) a category 31A product; or
 - (b) a category 31B product.
- (2) The time specified for the purposes of regulation 11(1) and (2) for the prescribed activity is the day on which the installation of the product is completed.

31 Specified high efficiency motor—Schedule 2, Part 31

- (1) This clause applies to a prescribed activity set out in Part 31 of Schedule 2 if the product installed as part of that activity is a category 31C product.
- (2) The time specified for the purposes of regulation 11(1) and (2) for the prescribed activity is the day on which the installed product is first able to operate as described in the Secretary's specifications.

32 Refrigerated display cabinet—Schedule 2, Part 32

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 32 of Schedule 2 is the day on which the installed product is first able to deliver refrigeration.

**33 Refrigeration fan motor and ventilation fan motor—
Schedule 2, Part 33**

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 33 of Schedule 2 is the day on which the installed product is first able to deliver power to the fan to which it is connected.

**34 Building based lighting upgrade—Schedule 2,
Part 34**

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 34 of Schedule 2 is the day on which the lighting upgrade referred to in clause 25 of Schedule 2 is completed.

**35 Non building based lighting upgrade—Schedule 2,
Part 35**

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 35 of Schedule 2 is the day on which the lighting upgrade referred to in clause 26 of Schedule 2 is completed.

**36 Water efficient prerinse spray valve—Schedule 2,
Part 36**

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 36 of Schedule 2 is the later of—

- (a) the day on which the installation of the product is completed; or
- (b) if the prescribed activity involves decommissioning a prerinse spray valve, the day on which the replaced prerinse spray valve is decommissioned.

37 Gas-fired steam boiler—Schedule 2, Part 37

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 37 of Schedule 2 is the later of—

- (a) the day that Energy Safe Victoria accepted the gas installation under section 73 of the **Gas Safety Act 1997**; or
- (b) the day on which the existing boiler is decommissioned.

38 Gas-fired hot water boiler or gas-fired water heater—Schedule 2, Part 38

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 38 of Schedule 2 is the later of—

- (a) the day that Energy Safe Victoria accepted the gas installation under section 73 of the **Gas Safety Act 1997**; or
- (b) the day on which the existing boiler or water heater is decommissioned.

39 Electronic gas/air ratio control—Schedule 2, Part 39

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 39 of Schedule 2 is the later of—

- (a) the day that Energy Safe Victoria accepted the gas installation under section 73 of the **Gas Safety Act 1997**; or
- (b) the day on which the gas-fired steam boiler, gas-fired hot water boiler or gas-fired water heater with the installed product is commissioned to produce and deliver steam or water heated by gas.

40 Combustion trim—Schedule 2, Part 40

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 40 of Schedule 2 is the later of—

- (a) the day that Energy Safe Victoria accepted the gas installation under section 73 of the **Gas Safety Act 1997**; or
- (b) the day on which the gas-fired steam boiler, gas-fired hot water boiler or gas-fired water heater with the installed product is commissioned to produce and deliver steam or water heated by gas.

41 Gas-fired burners—Schedule 2, Part 41

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 41 of Schedule 2 is the later of—

- (a) the day that Energy Safe Victoria accepted the gas installation under section 73 of the **Gas Safety Act 1997**; or
- (b) the day on which the existing gas-fired burner is decommissioned.

42 Economizers—Schedule 2, Part 42

The time specified for the purposes of regulation 11(1) and (2) for a prescribed activity set out in Part 42 of Schedule 2 is the later of—

- (a) the day that Energy Safe Victoria accepted the gas installation under section 73 of the **Gas Safety Act 1997**; or
- (b) the day on which the gas-fired steam boiler, gas-fired hot water boiler or gas-fired water heater with the installed product is commissioned to produce and deliver steam or water heated by gas.

Schedule 4—Limits on installation of products for creation of certificates

Regulation 24

1 Definitions

In the Schedule—

old Regulations means the Victorian Energy Efficiency Target Regulations 2008 as in force immediately before their revocation;

relevant period means—

- (a) in respect of a prescribed activity other than an activity referred to in clause 2 or 5, the period beginning on 10 December 2018 and ending immediately before a product is installed or modified as part of the prescribed activity; and
- (b) in respect of a prescribed activity referred to in clause 2(1), the period beginning on 10 June 2019 and ending immediately before a product is installed or modified as part of the prescribed activity; and
- (c) in respect of a prescribed activity referred to in clause 2(2), the period beginning on 10 December 2008 and ending immediately before the earlier of—
 - (i) 10 June 2019; or
 - (ii) the installation or modification of a product as part of the prescribed activity; and

- (d) in respect of a prescribed activity referred to in clause 5(1), the period beginning on 10 June 2019 and ending immediately before a product is installed or modified as part of the prescribed activity; and
- (e) in respect of a prescribed activity referred to in clause 5(2), the period beginning on 10 December 2008 and ending immediately before the earlier of—
 - (i) 10 June 2019; or
 - (ii) the installation or modification of a product as part of the prescribed activity.

2 Water heating products

- (1) A certificate cannot be created in relation to a prescribed activity involving the installation, in residential premises, of a water heating product specified in Part 1 or 3 of Schedule 2 if, during the relevant period, 2 or more water heating products specified in Part 1 or 3 of Schedule 2 have been installed at the premises as part of a prescribed activity (whether or not a certificate was created for that activity).
- (2) A certificate cannot be created in relation to a prescribed activity involving the installation, in residential premises, of a water heating product specified in Part 1 or 3 of Schedule 2 if, during the relevant period, 2 or more water heating products specified in Part 1 or 3 of Schedule 2 or in Schedule 1 or 3 of the old Regulations have been installed at the premises as part of a prescribed activity (whether or not a certificate was created for that activity).

3 Ducted heating or cooling products

A certificate cannot be created in relation to a prescribed activity involving the installation, in residential premises, of a ducted heating or cooling product specified in Part 5, 6 or 7 of Schedule 2 if—

- (a) a controlled heating or cooling product at the premises has not been decommissioned as part of the prescribed activity; and
- (b) during the relevant period 2 or more ducted heating or cooling products specified in Parts 5, 6, 7 and 23 of Schedule 2 have been installed at the premises as part of a prescribed activity (whether or not a certificate was created for that activity).

4 Heating or cooling products (other than ducted heating or cooling products)

A certificate cannot be created in relation to a prescribed activity involving the installation, in residential premises, of a heating or cooling product specified in Part 6, 9 or 10 of Schedule 2 (other than a ducted heating or cooling product) if, during the relevant period—

- (a) a controlled heating or cooling product at the premises has not been decommissioned as part of the prescribed activity; and
- (b) 3 or more heating or cooling products specified in Parts 6, 9 and 10 of Schedule 2 (other than a ducted heating or cooling product) have been installed at the premises as part of a prescribed activity (whether or not a certificate was created for that activity).

5 Low flow shower roses

- (1) A certificate cannot be created in relation to a prescribed activity involving the installation, in residential premises, of a low flow shower rose specified in Part 17 of Schedule 2 if, during the relevant period, 3 or more low flow shower roses specified in Part 17 of Schedule 2 have been installed at the premises as part of a prescribed activity (whether or not a certificate was created for that activity).
- (2) A certificate cannot be created in relation to a prescribed activity involving the installation, in residential premises, of a low flow shower rose specified in Part 17 of Schedule 2 if, during the relevant period, 2 or more low flow shower roses specified in Part 17 of Schedule 2 or in Schedule 17 of the old Regulations have been installed at the premises as part of a prescribed activity (whether or not a certificate was created for that activity).

6 Incandescent lighting

A certificate cannot be created in relation to a prescribed activity involving the installation by an energy consumer, in residential premises, of a product specified in Part 21 of Schedule 2 for a non-integrated luminaire at those premises as part of a prescribed activity (whether or not a certificate was created for that activity) if that product is a light source in the luminaire that has previously been replaced by the energy consumer.

7 High efficiency televisions

A certificate cannot be created in relation to a prescribed activity involving the installation, in residential premises, of a high efficiency television specified in Part 24 of Schedule 2 if, during the relevant period, 2 or more high

efficiency televisions specified in Part 24 of Schedule 2 have been installed at the premises as part of a prescribed activity (whether or not a certificate was created for that activity).

8 Energy efficient clothes dryers

A certificate cannot be created in relation to a prescribed activity involving the installation, in residential premises, of an energy efficient clothes dryer specified in Part 25 of Schedule 2 if, during the relevant period, one or more energy efficient clothes dryers specified in Part 25 of Schedule 2 have been installed at the premises as part of a prescribed activity (whether or not a certificate was created for that activity).

9 High efficiency pool pumps

A certificate cannot be created in relation to a prescribed activity involving the installation, in residential premises, of a high efficiency pool pump specified in Part 26 of Schedule 2 if, during the relevant period, one or more high efficiency pool pumps specified in Part 26 of Schedule 2 have been installed at the premises as part of a prescribed activity (whether or not a certificate was created for that activity).

10 Gas heating ductwork

A certificate cannot be created in relation to a prescribed activity involving the installation, in residential premises, of a ductwork product specified in Part 28 of Schedule 2 if, during the relevant period, 2 or more ductwork products specified in Part 28 of Schedule 2 have been installed at the premises in respect of the same heater or air conditioner as part of a prescribed activity (whether or not a certificate was created for that activity).

11 In-home display unit

A certificate cannot be created in relation to a prescribed activity involving the installation, in residential premises, of an in-home display unit specified in Part 30 of Schedule 2 if, during the relevant period, one or more in-home display units specified in Part 30 of Schedule 2 have been installed at the premises as part of a prescribed activity (whether or not a certificate was created for that activity).

Schedule 5—Scheduled activity premises

Regulation 5

Part 1—Specified addresses

<i>Column 1</i>	<i>Column 2</i>
<i>Item</i>	<i>Specified addresses</i>
1	1 Hume Road, LAVERTON NORTH, VIC, 3026
2	631 Kororoit Creek Road, ALTONA, VIC, 3018
3	606 Madeira Packet Road, PORTLAND, VIC, 3305
4	55 Commercial Road, MELBOURNE, VIC, 3004
5	1 Crosher Lane, WANGARATTA, VIC, 3677
6	1420 Ferntree Gully Road, SCORESBY, VIC, 3179
7	334C River Road, SWAN HILL, VIC, 3585
8	145 Studley Road, HEIDELBERG, VIC, 3084
9	330 Waterdale Road, HEIDELBERG WEST, VIC, 3081
10	Lot 1074 Boonoonar Road, COLIGNAN, VIC, 3494
11	65 Leakes Road, LAVERTON NORTH, VIC, 3026
12	17–19 Pipe Road, LAVERTON NORTH, VIC, 3026
13	10 Woolshed Gully Drive, MOUNT CLEAR, VIC, 3350
14	45–47 Mackey Street, NORTH GEELONG, VIC, 3215
15	272–322 Ryrie Street, GEELONG, VIC, 3220
16	159 Burgins Road, HAMILTON, VIC, 3300
17	5096 Murray Valley Highway, STRATHMERTON, VIC, 3641
18	28 Bayview Road, HASTINGS, VIC, 3915
19	351 Hammond Road, DANDENONG SOUTH, VIC, 3175
20	226 Lorimer Street, PORT MELBOURNE, VIC, 3207
21	676 Lorimer Street, PORT MELBOURNE, VIC, 3207
22	2 Trawalla Avenue, THOMASTOWN, VIC, 3074

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Schedule 5—Scheduled activity premises

<i>Column 1</i>	<i>Column 2</i>
<i>Item</i>	<i>Specified addresses</i>
23	191 George Street, WANTIRNA SOUTH, VIC, 3152
24	170 Reservoir Road, WAURN PONDS, VIC, 3216
25	24 Queen Street, WODONGA, VIC, 3690
26	19–81 Sisely Avenue, WANGARATTA, VIC, 3677
27	47 Station Street, KORUMBURRA, VIC, 3950
28	183 Wattletree Road, MALVERN, VIC, 3144
29	55 Lemnos North Road, LEMNOS, VIC, 3631
30	425 Somerville Road, TOTTENHAM, VIC, 3012
31	380 Tramway Road, MORWELL, VIC, 3840
32	251 Myrtleford-Yackandandah Road, MYRTLEFORD, VIC, 3737
33	224 Yeungroon-Woosang Road, YEUNGROON EAST, VIC, 3525
34	246 East Boundary Road, BENTLEIGH EAST, VIC, 3165
35	20 Levanswell Road, MOORABBIN, VIC, 3189
36	1341 Dandenong Road, CHADSTONE, VIC, 3148
37	171 Fitzgerald Road, LAVERTON NORTH, VIC, 3026
38	1 Tristania Drive, COLAC, VIC, 3250
39	8 Whiteman Street, SOUTHBANK, VIC, 3006
40	1126 Sydney Road, FAWKNER, VIC, 3060
41	5 Portarlinton Road, EAST GEELONG, VIC, 3220
42	189–209 Camp Road, BROADMEADOWS, VIC, 3047
43	45 Poplar Road, PARKVILLE, VIC, 3052
44	656 Mitcham Road, VERMONT, VIC, 3133
45	277 Whitehall Street, YARRAVILLE, VIC, 3013
46	95 Greens Road, DANDENONG SOUTH, VIC, 3175
47	36–80 Church Street, ABBOTSFORD, VIC, 3067
48	541–583 Kororoit Creek Road, ALTONA, VIC, 3018

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Schedule 5—Scheduled activity premises

<i>Column 1</i>	<i>Column 2</i>
<i>Item</i>	<i>Specified addresses</i>
49	13 Bridge Street, NEWTOWN, VIC, 3220
50	37–41 Gilbertson Road, LAVERTON NORTH, VIC, 3026
51	412 Commercial Road, MORWELL, VIC, 3840
52	285 Waarre Road, WAARRE, VIC, 3269
53	Lot 50E Eastern Road, YALLOURN, VIC, 3825
54	33–35 Cemetery Road, HASTINGS, VIC, 3915
55	514 Garretts Road, LONGFORD, VIC, 3851
56	127 Frankston-Dandenong Road, DANDENONG, VIC, 3175
57	129 Curdie Street, COBDEN, VIC, 3266
58	15 Factory Road, COROROOKE, VIC, 3254
59	150 Darnum Park Road, DARNUM, VIC, 3822
60	50 Drummond Street, DENNINGTON, VIC, 3280
61	20 Midland Highway, STANHOPE, VIC, 3623
62	22–30 Denmark Road, ECHUCA, VIC, 3564
63	1735 Sydney Road, CAMPBELLFIELD, VIC, 3061
64	365–455 Melbourne Road, NORLANE, VIC, 3214
65	121–171 Seabeach Parade, NORTH SHORE, VIC, 3214
66	25–33 Fourth Avenue, SUNSHINE, VIC, 3020
67	940 Koo Wee Rup Road, PAKENHAM, VIC, 3810
68	170 South Gippsland Highway, DANDENONG, VIC, 3175
69	64 Richards Road, CASTLEMAINE, VIC, 3450
70	1061 Mountain Highway, BORONIA, VIC, 3155
71	191 Salmon Street, PORT MELBOURNE, VIC, 3207
72	7 Factories Road, SOUTH GEELONG, VIC, 3220
73	20 Heaths Court, MILL PARK, VIC, 3082
74	120–200 Rosamond Road, MARIBYRNONG, VIC, 3032

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Schedule 5—Scheduled activity premises

<i>Column 1</i>	<i>Column 2</i>
<i>Item</i>	<i>Specified addresses</i>
75	5331 Great Ocean Road, ALLANSFORD, VIC, 3277
76	2121 Finlay Road, TONGALA, VIC, 3621
77	504 Princes Highway, NOBLE PARK NORTH, VIC, 3174
78	74 Hazeldenes Road, LOCKWOOD, VIC, 3551
79	290 Oaklands Road, OAKLANDS JUNCTION, VIC, 3063
80	1 Lexia Place, MULGRAVE, VIC, 3170
81	77 Raglan Street, PRESTON, VIC, 3072
82	3610 Glenelg Highway, PITTONG, VIC, 3360
83	121 Grant Road, SOMERVILLE, VIC, 3912
84	1 Roberts Street, WEST FOOTSCRAY, VIC, 3012
85	30 Industry Park Drive, BROOKLYN, VIC, 3012
86	119 Racecourse Road, COBRAM, VIC, 3644
87	54 Cornelia Creek Road, ECHUCA, VIC, 3564
88	91–99 Ajax Road, ALTONA, VIC, 3018
89	323–351 Canterbury Road, RINGWOOD, VIC, 3134
90	32 Koornang Road, SCORESBY, VIC, 3179
91	162 Salmon Street, PORT MELBOURNE, VIC, 3207
92	2040 Hume Highway, CAMPBELLFIELD, VIC, 3061
93	8–10 Berends Drive, DANDENONG SOUTH, VIC, 3175
94	50 Baranduda Drive, BARANDUDA, VIC, 3691
95	150 Wells Road, CHELSEA HEIGHTS, VIC, 3196
96	1 National Road, MORWELL, VIC, 3840
97	32 Crowle Street, NORTH GEELONG, VIC, 3215
98	116 Ring Road, WENDOUREE, VIC, 3355
99	1 Petcare Place, WODONGA, VIC, 3690
100	1059 Ring Road, MITCHELL PARK, VIC, 3355

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Schedule 5—Scheduled activity premises

<i>Column 1</i>	<i>Column 2</i>
<i>Item</i>	<i>Specified addresses</i>
101	300 Grattan Street, PARKVILLE, VIC, 3050
102	40 Simpson Road, CHRISTMAS HILLS, VIC, 3775
103	165 Swinton Street, DENNINGTON, VIC, 3280
104	24 Scott Street, WARRNAMBOOL, VIC, 3280
105	15–29 The Crescent, MILDURA, VIC, 3500
106	351–381 Millers Road, ALTONA NORTH, VIC, 3025
107	765 Ballarat Road, DEER PARK, VIC, 3023
108	900 Dandenong Road, CAULFIELD EAST, VIC, 3145
109	1–131 Wellington Road, CLAYTON, VIC, 3800
110	42 Benalla-Yarrawonga Road, BENALLA, VIC, 3672
111	90 Broadway Street, COBRAM, VIC, 3644
112	23 Commercial Road, KOROIT, VIC, 3282
113	18 Yarragon Road, LEONGATHA, VIC, 3953
114	6–10 Bundalaguah Road, MAFFRA, VIC, 3860
115	69–87 Mackay Street, ROCHESTER, VIC, 3561
116	19 Kiewa East Road, TANGAMBALANGA, VIC, 3691
117	11 Nicholson Street, CARLTON, VIC, 3053
118	122 Lewis Road, WANTIRNA SOUTH, VIC, 3152
119	1585 Hume Highway, CAMPBELLFIELD, VIC, 3061
120	254–294 Wellington Road, MULGRAVE, VIC, 3170
121	13 Talbot Road, WAHGUNYAH, VIC, 3687
122	209–235 Frankston-Dandenong Road, DANDENONG SOUTH, VIC, 3175
123	600 Craigieburn Road East, CRAIGIEBURN, VIC, 3064
124	103–105 Pipe Road, LAVERTON NORTH, VIC, 3026
125	207 Sunshine Road, TOTTENHAM, VIC, 3012
126	1–35 Walchs Road, NORTH SHORE, VIC, 3214
127	166–180 Dohertys Road, LAVERTON NORTH, VIC, 3026

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Schedule 5—Scheduled activity premises

<i>Column 1</i>	<i>Column 2</i>
<i>Item</i>	<i>Specified addresses</i>
128	305 Waarre Road, WAARRE, VIC, 3269
129	93 Bannister Street, BENDIGO, VIC, 3550
130	842 Wellington Road, ROWVILLE, VIC, 3178
131	161–169 Princes Highway, BAIRNSDALE, VIC, 3875
132	21 Evans Street, BRAYBROOK, VIC, 3019
133	252 Chesterville Road, MOORABBIN, VIC, 3189
134	37–49 Browns Road, CLAYTON, VIC, 3168
135	100–102 Boundary Road, SUNSHINE WEST, VIC, 3020
136	14 McNaughton Road, CLAYTON, VIC, 3168
137	9–13 Rhur Street, DANDENONG SOUTH, VIC, 3175
138	471–513 Kororoit Creek Road, ALTONA, VIC, 3018
139	81–83 Fairbank Road, CLAYTON SOUTH, VIC, 3169
140	359 Bendigo-Tennyson Road, HUNTLY, VIC, 3551
141	46–50 McDonald Street, NUMURKAH, VIC, 3636
142	1555 Centre Road, CLAYTON, VIC, 3168
143	124 La Trobe Street, MELBOURNE, VIC, 3000
144	145 Fitzgerald Road, LAVERTON NORTH, VIC, 3026
145	70 Greg Norman Drive, POINT COOK, VIC, 3030
146	19 Ailsa Street, BOX HILL, VIC, 3128
147	2 Beverage Drive, TULLAMARINE, VIC, 3043
148	630 Howitt Street, BALLARAT, VIC, 3350
149	280 McIvor Highway, BENDIGO, VIC, 3550
150	90 Refinery Road, CORIO, VIC, 3214
151	870 McDonalds Track, LANG LANG, VIC, 3984
152	4 Melba Avenue, LILYDALE, VIC, 3140
153	2 Denmark Road, ECHUCA, VIC, 3564
154	28–46 Bald Hill Road, PAKENHAM, VIC, 3810
155	147–161 Cherry Lane, LAVERTON NORTH, VIC, 3026
156	246 Clayton Road, CLAYTON, VIC, 3168

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Schedule 5—Scheduled activity premises

<i>Column 1</i>	<i>Column 2</i>
<i>Item</i>	<i>Specified addresses</i>
157	135 David Street, DANDENONG, VIC, 3175
158	600 Princes Highway, SPRINGVALE, VIC, 3171
159	85 McCormick Road, KYABRAM, VIC, 3620
160	16 Young Street, MOOROPNA, VIC, 3629
161	Andrew Fairley Avenue, SHEPPARTON, VIC, 3630
162	41 Victoria Parade, FITZROY, VIC, 3065
163	32 South Wharf, PORT MELBOURNE, VIC, 3207
164	265 Whitehall Street, YARRAVILLE, VIC, 3013
165	11 Moloney Drive, WODONGA, VIC, 3690
166	238 Hogan Street, TATURA, VIC, 3616
167	1816–1822 Dandenong Road, CLAYTON, VIC, 3168
168	300 Exhibition Street, MELBOURNE, VIC, 3000
169	105 Dohertys Road, LAVERTON NORTH, VIC, 3026
170	110 Hopkins Road, FULHAM, VIC, 3851
171	50 Flemington Road, PARKVILLE, VIC, 3052
172	494 Grieve Parade, ALTONA NORTH, VIC, 3025
173	44 Johns Way, RED CLIFFS, VIC, 3496
174	5 Lipton Drive, THOMASTOWN, VIC, 3074
175	55 Park Street, TATURA, VIC, 3616
176	66 Ham Street, KANGAROO FLAT, VIC, 3555
177	1741 Sydney Road, CAMPBELLFIELD, VIC, 3061
178	448 Epsom Road, FLEMINGTON, VIC, 3031
179	38 Dohertys Road, LAVERTON NORTH, VIC, 3026
180	118 Hammond Road, DANDENONG, VIC, 3175
181	299 McKoy Street, WODONGA, VIC, 3690
182	13 Reo Crescent, CAMPBELLFIELD, VIC, 3061
183	36–38 Charles Street, COBURG NORTH, VIC, 3058
184	22 Radford Road, RESERVOIR, VIC, 3073
185	160 Gordon Street, FOOTSCRAY, VIC, 3011

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Schedule 5—Scheduled activity premises

<i>Column 1</i>	<i>Column 2</i>
<i>Item</i>	<i>Specified addresses</i>
186	1239 Nepean Highway, CHELTENHAM, VIC, 3192
187	425 Burwood Highway, WANTIRNA SOUTH, VIC, 3152
188	54 Kelly Street, WODONGA, VIC, 3690

Part 2—Specified premises

<i>Column 1</i>	<i>Column 2</i>
<i>Item</i>	<i>Specified premises</i>
1	The premises at which a glass packaging plant is situated and that are bounded by Raleigh Street, Hudsons Road, Simcock Avenue and Booker Street in Spotswood
2	The premises at which a char plant is situated on Porters Road in Morwell
3	The premises at which an asphalt plant is situated on Riding Boundary Road in Ravenhall
4	The Melbourne University campus located on Grattan Street in Carlton and Parkville
5	The La Trobe University campus located on Centreway in Bundoora
6	The premises at which a shipping container terminal is situated on Mackenzie Road in West Melbourne
7	The premises at which a sewage treatment plant is situated on Alan Bird Drive in Bangholme
8	The premises at which a sewage treatment plant is situated on East Road in Cocoroc
9	The premises at which a gold mine is situated on McCormicks Road in Fosterville
10	The premises at which a paper mill is situated on Traralgon West Road in Morwell
11	The Loy Yang Power Station located on Bartons Lane in Traralgon
12	The premises at which a gold mine is situated on Leviathan Road in Stawell

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Schedule 5—Scheduled activity premises

<i>Column 1</i>	<i>Column 2</i>
<i>Item</i>	<i>Specified premises</i>
13	The premises located at the southwest corner of Henderson and Bosse Roads in Tongala
14	The premises located at the end of Janette Street in Traralgon
15	The premises at which a mineral sands mine is situated on Elliotts Road in Kanagulk

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Endnotes

¹ Reg. 4(1): S.R. No. 158/2008. Reprint No. 2 as at 12 May 2016.
Reprinted to S.R. No. 16/2016. Subsequently amended by
S.R. Nos 147/2016, 46/2017, 52/2017 and 71/2017.

² Reg. 49(1): S.R. No. 46/2017.

³ Reg. Sch. 2 cl. 27(1): S.R. No. 136/2008. Reprint No. 1 as at
4 April 2013. Reprinted to S.R. 113/2012. Subsequently amended by
S.R. Nos 113/2012, 81/2013, 60/2014, 157/2015 and 31/2016.

Table of Applied, Adopted or Incorporated Matter

The following table of applied, adopted or incorporated matter is included in accordance with the requirements of regulation 5 of the Subordinate Legislation Regulations 2014.

Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
Regulation 5 (Definition of <i>economizer</i>)	AS 1228:2016 Pressure Equipment—Boilers published by Standards Australia on 18 May 2016	Definition of economizer
Regulation 5 (Definition of <i>extra-low voltage lighting converter</i>)	AS/NZS 4879.1:2008 (R2017) Performance of transformers and electronic step-down convertors for ELV lamps Part 1: Test method—Energy performance published by Standards Australia on 30 June 2008	Definition of extra-low voltage lighting converter
Regulation 5 (Definition of <i>gas/air ratio control</i>)	AS 3814:2015 Industrial and commercial gas-fired appliances published by Standards Australia on 18 February 2015	Definition of gas/air ratio control

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Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
Regulation 5 (Definition of <i>gas-fired burner</i>)	AS 3814:2015 Industrial and commercial gas-fired appliances published by Standards Australia on 18 February 2015	Definition of burner
Regulation 5 (Definition of <i>gas-fired hot water boiler</i>) (Definition of <i>gas-fired steam boiler</i>) (Definition of <i>gas-fired water heater</i>)	AS 3814:2015 Industrial and commercial gas-fired appliances published by Standards Australia on 18 February 2015	Definition of boiler with burners Definition of hot water boiler Definition of burner Definition of steam boiler Definition of water heater
Regulation 5 (Definition of <i>nominal gas consumption</i>)	AS 3814:2015 Industrial and commercial gas-fired appliances published by Standards Australia on 18 February 2015	Definition of nominal gas consumption
Regulation 5 (Definition of <i>gas-fired water heater</i>)	AS 4552:2005 (superseded) Gas fired water heaters for hot water supply and/or central heating published by Standards Australia on 8 December 2005	Definition of storage water heater Definition of instantaneous water heater
Regulation 5 (Definition of <i>gas-fired water heater</i>)	AS/NZS 5263.1.2 Gas appliances—Part 1.2: Gas fired water heaters for hot water supply and/or central heating published by Standards Australia on 11 February 2016	Definition of gas-fired water heater

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Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
Regulation 5 (Definition of <i>glazing</i>)	The Building Code of Australia comprising— (a) Volume One of the National Construction Code 2016 including any variations or additions in the Appendix Victoria set out in the Appendices to that Volume; and (b) Volume Two of the National Construction Code 2016 including any Victoria additions set out in Appendix A of that Volume	Meaning of <i>Glazing</i> as defined in Part 1.1.1 of Volume Two
Regulation 5 (Definition of <i>controlled heating or cooling product</i>) (Definition of <i>residential premises</i>)	The Building Code of Australia comprising— (a) Volume One of the National Construction Code 2016 including any variations or additions in the Appendix Victoria set out in the Appendices to that Volume; and (b) Volume Two of the National Construction Code 2016 including any Victoria additions set out in Appendix A of that Volume	Part A3 of Volume One
Regulation 5 (Definition of <i>supply voltage</i>)	AS 60038–2012 Standard voltages published by Standards Australia on 24 December 2012	Definition of supply voltage

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Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
Regulation 5 Definition of <i>three-phase induction motor</i>	Greenhouse and Energy Minimum Standards (Three Phase Cage Induction Motors) Determination 2012 made by the Parliamentary Secretary for Climate Change and Energy Efficiency on 25 October 2012	The whole
Regulation 10	The Building Code of Australia comprising— (a) Volume One of the National Construction Code 2016 including any variations or additions in the Appendix Victoria set out in the Appendices to that Volume; and (b) Volume Two of the National Construction Code 2016 including any Victoria additions set out in Appendix A of that Volume	Part A3 of Volume One
Regulation 16	National Electricity Market Load Tables for Unmetered Connection Points version 1.96 published by the Australia Energy Market Operator on 23 August 2018	The whole

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Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
Regulation 18	<p>AS/NZS 1158 Lighting for roads and public spaces series comprising—</p> <p>(a) AS/NZS 1158.0:2005 Lighting for roads and public spaces—Part 0: Introduction published by Standards Australia on 7 September 2005</p> <p>(b) AS/NZS 1158.1.1:2005 Lighting for roads and public spaces—Vehicular traffic (Category V) lighting—Part 1.1: Performance and design requirements published by Standards Australia on 7 September 2005, incorporating amendment No. 1 (February 2009), No. 2 (June 2013) and No. 3 (October 2015)</p> <p>(c) AS/NZS 1158.1.2:2010 Lighting for roads and public spaces—Vehicular traffic (category V) lighting—Part 1.2: Guide to design, installation, operation and maintenance published by Standards Australia on 10 June 2010</p>	The whole

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Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
	<p>(d) AS/NZS 1158.2:2005 Lighting for roads and public spaces— Part 2: Computer procedures for the calculation of light technical parameters for Category V and Category P lighting published by Standards Australia on 7 September 2005, incorporating Amendment No. 1 (August 2008)</p> <p>(e) AS/NZS 1158.3.1:2005 Lighting for roads and public spaces— Pedestrian area (Category P) lighting— Part 3.1: Performance and design requirements published by Standards Australia on 7 September 2005, incorporating Amendment No. 1 (November 2008), No. 2 (May 2010), No. 3 (June 2013) and No. 4 (October 2015)</p> <p>(f) AS/NZS 1158.4:2015 Lighting for roads and public spaces—Part 4: Lighting of pedestrian crossings published by Standards Australia on 6 May 2015</p>	

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	<p>(g) AS/NZS 1158.5:2014 Lighting for roads and public spaces—Part 5: Tunnels and underpasses published by Standards Australia on 14 November 2014</p> <p>(h) SA/SNZTS 1158:6:2015 Lighting for roads and public spaces—Part 6: Luminaires— Performance published by Standards Australia on 14 October 2015</p>	
Regulation 19	<p>AS/NZS 1680 series Interior and workplace lighting published by Standards Australia comprising—</p> <p>(a) AS/NZS 1680.0:2009 Interior lighting—Part 0: Safe movement published by Standards Australia on 15 December 2009</p> <p>(b) AS/NZS 1680.1:2006 Interior and workplace lighting—Part 1: General principles and recommendations published by Standards Australia on 21 February 2006</p>	The whole

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Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
	<p>(c) AS/NZS 1680.2.1:2008 Interior and workplace lighting—Part 2.1: Specific applications— Circulation spaces and other general areas published by Standards Australia on 6 June 2008</p> <p>(d) AS/NZS 1680.2.2:2008 Interior and workplace lighting—Part 2.2: Specific applications— Office and screen-based tasks published by Standards Australia on 6 June 2008</p> <p>(e) AS/NZS 1680.2.3:2008 Interior and workplace lighting—Part 2.3: Specific applications— Educational and training facilities published by Standards Australia on 6 June 2008</p> <p>(f) AS/NZS 1680.2.4:2017 Interior and workplace lighting—Part 2.4: Industrial tasks and processes published by Standards Australia on 30 June 2017</p>	

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	<p>(g) AS/NZS 1680.2.5:2018 Interior and workplace lighting—Part 2.5: Hospital and medical tasks published by Standards Australia on 14 May 2018</p> <p>(h) AS/NZS 1680.3:2017 Interior and workplace lighting—Part 3: Measurement, calculation and presentation of photometric data published by Standards Australia on 30 June 2017</p> <p>(i) AS/NZS 1680.4:2017 Interior and workplace lighting—Part 4: Maintenance of electric lighting systems published by Standards Australia on 30 June 2017</p>	

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Regulation 20	AS/NZS 1680 series Interior and workplace lighting published by Standards Australia comprising— (a) AS/NZS 1680.0:2009 Interior lighting—Part 0: Safe movement published by Standards Australia on 15 December 2009 (b) AS/NZS 1680.1:2006 Interior and workplace lighting—Part 1: General principles and recommendations published by Standards Australia on 21 February 2006 (c) AS/NZS 1680.2.1:2008 Interior and workplace lighting—Part 2.1: Specific applications—Circulation spaces and other general areas published by Standards Australia on 6 June 2008 (d) AS/NZS 1680.2.2:2008 Interior and workplace lighting—Part 2.2: Specific applications—Office and screen-based tasks published by Standards Australia on 6 June 2008	The whole

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Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
	<p>(e) AS/NZS 1680.2.3:2008 Interior and workplace lighting—Part 2.3: Specific applications—Educational and training facilities published by Standards Australia on 6 June 2008</p> <p>(f) AS/NZS 1680.2.4:2017 Interior and workplace lighting—Part 2.4: Industrial tasks and processes published by Standards Australia on 30 June 2017</p> <p>(g) AS/NZS 1680.2.5:2018 Interior and workplace lighting—Part 2.5: Hospital and medical tasks published by Standards Australia on 14 May 2018</p> <p>(h) AS/NZS 1680.3:2017 Interior and workplace lighting—Part 3: Measurement, calculation and presentation of photometric data published by Standards Australia on 30 June 2017</p> <p>(i) AS/NZS 1680.4:2017 Interior and workplace lighting—Part 4: Maintenance of electric lighting systems published by Standards Australia on 30 June 2017</p>	

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Regulation 21	<p>AS/NZS 1158 Lighting for roads and public spaces series comprising—</p> <p>(a) AS/NZS 1158.0:2005 Lighting for roads and public spaces—Part 0: Introduction published by Standards Australia on 7 September 2005</p> <p>(b) AS/NZS 1158.1.1:2005 Lighting for roads and public spaces—Vehicular traffic (Category V) lighting—Part 1.1: Performance and design requirements published by Standards Australia on 7 September 2005, incorporating amendment No. 1 (February 2009), No. 2 (June 2013) and No. 3 (October 2015)</p> <p>(c) AS/NZS 1158.1.2:2010 Lighting for roads and public spaces—Vehicular traffic (category V) lighting—Part 1.2: Guide to design, installation, operation and maintenance published by Standards Australia on 10 June 2010</p> <p>(d) AS/NZS 1158.2:2005 Lighting for roads and public spaces—Part 2: Computer procedures for the calculation of light technical parameters</p>	The whole

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Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
	<p>for Category V and Category P lighting published by Standards Australia on 7 September 2005, incorporating Amendment No. 1 (August 2008)</p> <p>(e) AS/NZS 1158.3.1:2005 Lighting for roads and public spaces—Pedestrian area (Category P) lighting—Part 3.1: Performance and design requirements published by Standards Australia on 7 September 2005, incorporating Amendment No. 1 (November 2008), No. 2 (May 2010), No. 3 (June 2013) and No. 4 (October 2015)</p> <p>(f) AS/NZS 1158.4:2015 Lighting for roads and public spaces—Part 4: Lighting of pedestrian crossings published by Standards Australia on 6 May 2015</p> <p>(g) AS/NZS 1158.5:2014 Lighting for roads and public spaces—Part 5: Tunnels and underpasses published by Standards Australia on 14 November 2014</p>	

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	(h) SA/SNZTS 1158:6:2015 Lighting for roads and public spaces— Part 6: Luminaires— Performance published by Standards Australia on 14 October 2015	
Regulation 21	AS 2560 series Guide to sports lighting as published by Standards Australia comprising— (a) AS 2560.1—2002 Sports lighting—Part 1: General principles published by Standards Australia on 10 May 2002 (b) AS 2560.2.1—2003 (R2017)—Sports lighting—Part 2.1: Specific applications—Lighting for outdoor tennis published by Standards Australia on 24 February 2003 and reconfirmed on 7 July 2017 (c) AS 2560.2.2—1986 (R2017) Guide to sports lighting—Part 2.1: Specific applications—Lighting of multipurpose indoor sports centres published by Standards Australia on 1 January 1986 and reconfirmed on 7 July 2017	The whole

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Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
	<p>(d) AS 2560.2.3—2007 (R2017) Sports lighting—Part 2.3: Specific applications—Lighting for football (all codes) published by Standards Australia on 7 December 2007 and reconfirmed on 7 July 2017</p> <p>(e) AS 2560.2.4—1986 (R2017) Guide to sports lighting—Part 2.4: Specific recommendations—Lighting for outdoor netball and basketball published by Standards Australia on 7 April 1986 and reconfirmed on 7 July 2017</p> <p>(f) AS 2560.2.5—2007 (R2017) Sports lighting—Part 2.5: Specific applications—Swimming pools published by Standards Australia on 7 December 2007 and reconfirmed on 7 July 2017</p> <p>(g) AS 2560.2.6—1994 (R2017) Guide to sports lighting—Part 2.6: Specific recommendations—Baseball and softball published by Standards Australia on 14 February 1994 and reconfirmed on 7 July 2017</p>	

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Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
	<p>(h) AS 2560.2.7—1994 (R2017) Guide to sports lighting—Part 2.7: Specific recommendations—Outdoor hockey published by Standards Australia on 14 February 1994 and reconfirmed on 7 July 2017</p> <p>(i) AS 2560.2.8—2007 (R2017) Sports lighting—Part 2.8: Specific applications—Outdoor bowling greens published by Standards Australia on 7 December 2007 and reconfirmed on 7 July 2017</p>	
Regulation 22	<p>AS/NZS 1158 Lighting for roads and public spaces series comprising—</p> <p>(a) AS/NZS 1158.0:2005 Lighting for roads and public spaces—Part 0: Introduction published by Standards Australia on 7 September 2005</p> <p>(b) AS/NZS 1158.1.1:2005 Lighting for roads and public spaces—Vehicular traffic (Category V) lighting—Part 1.1: Performance and design requirements published by Standards Australia on 7 September 2005, incorporating amendment</p>	The whole

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	<p>No. 1 (February 2009), No. 2 (June 2013) and No. 3 (October 2015)</p> <p>(c) AS/NZS 1158.1.2:2010 Lighting for roads and public spaces—Vehicular traffic (category V) lighting—Part 1.2: Guide to design, installation, operation and maintenance published by Standards Australia on 10 June 2010</p> <p>(d) AS/NZS 1158.2:2005 Lighting for roads and public spaces—Part 2: Computer procedures for the calculation of light technical parameters for Category V and Category P lighting published by Standards Australia on 7 September 2005, incorporating Amendment No. 1 (August 2008)</p> <p>(e) AS/NZS 1158.3.1:2005 Lighting for roads and public spaces—Pedestrian area (Category P) lighting—Part 3.1: Performance and design requirements published by Standards Australia on 7 September 2005, incorporating</p>	

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	<p>Amendment No. 1 (November 2008), No. 2 (May 2010), No. 3 (June 2013) and No. 4 (October 2015)</p> <p>(f) AS/NZS 1158.4:2015 Lighting for roads and public spaces—Part 4: Lighting of pedestrian crossings published by Standards Australia on 6 May 2015</p> <p>(g) AS/NZS 1158.5:2014 Lighting for roads and public spaces—Part 5: Tunnels and underpasses published by Standards Australia on 14 November 2014</p> <p>(h) SA/SNZ 1158:6:2015 Lighting for roads and public spaces—Part 6: Luminaires— Performance published by Standards Australia on 14 October 2015</p>	
Regulation 22	<p>AS 2560 series Guide to sports lighting as published by Standards Australia comprising—</p> <p>(a) AS 2560.1—2002 Sports lighting—Part 1: General principles published by Standards Australia on 10 May 2002</p>	The whole

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Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
	<p>(b) AS 2560.2.1—2003 (R2017) Sports lighting—Part 2.1: Specific applications—Lighting for outdoor tennis published by Standards Australia on 24 February 2003 and reconfirmed on 7 July 2017</p> <p>(c) AS 2560.2.2—1986 (R2017) Guide to sports lighting—Part 2.1: Specific applications—Lighting of multipurpose indoor sports centres published by Standards Australia on 1 January 1986 and reconfirmed on 7 July 2017</p> <p>(d) AS 2560.2.3—2007 (R2017) Sports lighting—Part 2.3: Specific applications—Lighting for football (all codes) published by Standards Australia on 7 December 2007 and reconfirmed on 7 July 2017</p> <p>(e) AS 2560.2.4—1986 (R2017) Guide to sports lighting—Part 2.4: Specific recommendations—Lighting for outdoor netball and basketball published by Standards Australia on 7 April 1986 and reconfirmed on 7 July 2017</p>	

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	<p>(f) AS 2560.2.5–2007 (R2017) Sports lighting—Part 2.5: Specific applications—Swimming pools published by Standards Australia on 7 December 2007 and reconfirmed on 7 July 2017</p> <p>(g) AS 2560.2.6–1994 (R2017) Guide to sports lighting—Part 2.6: Specific recommendations—Baseball and softball published by Standards Australia on 14 February 1994 and reconfirmed on 7 July 2017</p> <p>(h) AS 2560.2.7–1994 (R2017) Guide to sports lighting—Part 2.7: Specific recommendations—Outdoor hockey published by Standards Australia on 14 February 1994 and reconfirmed on 7 July 2017</p> <p>(i) AS 2560.2.8–2007 (R2017) Sports lighting—Part 2.8: Specific applications—Outdoor bowling greens published by Standards Australia on 7 December 2007 and reconfirmed on 7 July 2017</p>	

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Schedule 2, Part 1	AS/NZS 5263.1.2 Gas appliances—Part 1.2 Gas fired water heaters for hot water supply and/or central heating published by Standards Australia on 11 February 2016	The whole
Schedule 2, Part 1	AS/NZS 2712:2007 Solar and heat pump water heaters—Design and construction published by Standards Australia on 12 September 2007, incorporating Amendment No. 1 (29 March 2011), No. 2 (14 November 2011) and No. 3 (5 November 2014)	The whole
Schedule 2, Part 3	AS/NZS 2712:2007 Solar and heat pump water heaters—Design and construction published by Standards Australia on 12 September 2007, incorporating Amendment No. 1 (29 March 2011), No. 2 (14 November 2011) and No. 3 (5 November 2014)	The whole
Schedule 2, Part 5	AS/NZS 5263.1.6:2016 Gas appliances—Part 1.6 Indirect gas-fired ducted air heaters published by Standards Australia on 6 October 2016	The whole

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Schedule 2, Part 9	AS/NZS 5263.1.3:2016 Gas appliances—Part 1.3: Gas space heating appliances published by Standards Australia on 8 March 2016	The whole
Schedule 2, Part 12	AS 3999:2015 Bulk thermal insulation— Installation published by Standards Australia on 23 July 2015	The whole
Schedule 2, Part 12	AS/NZS 4859.1:2002 Materials for the thermal insulation of buildings— Part 1: General criteria and technical provisions published by Standards Australia on 15 October 2002, incorporating Amendment No. 1 (28 December 2006)	The whole
Schedule 2, Part 13	AS 2047:2014 Windows and external glazed doors in buildings published by Standards Australia on 23 September 2014, incorporating Amendment No. 1 (12 February 2016) and Amendment No. 2 (30 June 2017)	The whole

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Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
Schedule 2, Part 13	<p>AS 1288–2006 (R2016) Glass in buildings series comprising— AS1228-2006 (R2016) Glass in buildings—Selection and installation published by Standards Australia on 16 January 2006, incorporating Amendment No. 1 (31 January 2008), No. 2 (11 November 2011) and No. 3 (29 February 2016) AS 1228 SUPP1-2006 (R2016) Glass in buildings—Selection and installation (Supplement to AS-1228-2006) published by Standards Australia on 28 March 2006 and reconfirmed on 15 July 2016</p>	The whole
Schedule 2, Part 15	<p>The Building Code of Australia comprising—</p> <ul style="list-style-type: none"> (a) Volume One of the National Construction Code 2016 including any variations or additions in the Appendix Victoria set out in the Appendices to that Volume; and (b) Volume Two of the National Construction Code 2016 including any Victoria additions set out in Appendix A of that Volume 	Part 3.8.5 of Volume Two

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Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
Schedule 2, Part 17	AS/NZS 3662:2013 Performance of showers for bathing published by Standards Australia on 2 September 2013	The whole
Schedule 2, Part 17	AS/NZS 6400:2016 Water efficient products— Rating and labelling as published by Standards Australia on 6 April 2016	The whole
Schedule 2, Part 21	IEC/TR 61341 Ed. 2.0 Method of measurement of centre beam intensity and beam angle(s) of reflector lamps published by the International Electrotechnical Commission on 18 February 2010	The whole
Schedule 2, Part 23	AS 2913–2000 (R2016) Evaporative air-conditioning equipment published by Standards Australia on 19 July 2000 and reconfirmed on 27 May 2016	The whole
Schedule 2, Part 26	Rules for Participation: Voluntary Energy Labelling Program for Swimming Pool Pump-units: published by the Equipment Energy Efficiency (E3) Committee as amended in November 2010	The whole

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Endnotes

Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
Schedule 2, Part 26	AS 5102.1–2009 Performance of household electrical appliances—Part 1: Swimming pool pump-units—Energy consumption and performance published by Standards Australia on 21 December 2009	The whole
Schedule 2, Part 26	AS 5102.2–2009 Performance of household electrical appliances—Part 2: Swimming pool pump-units Energy labelling and minimum energy performance standard requirements published by Standards Australia on 21 December 2009	The whole
Schedule 2, Part 28	AS 4254.1-2012 Ductwork for air-handling systems in buildings—Part 1: Flexible duct published by Standards Australia on 8 June 2012	The whole
Schedule 2, Part 28	The Building Code of Australia comprising— (a) Volume One of the National Construction Code 2016 including any variations or additions in the Appendix Victoria set out in the Appendices to that Volume; and (b) Volume Two of the National Construction Code 2016 including any Victoria additions set out in Appendix A of that Volume	Part A3 of Volume One

Authorised by the Chief Parliamentary Counsel

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Endnotes

Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
Schedule 2, Part 28	AS 4254.2–2012 Ductwork for air-handling systems in buildings—Part 2: Rigid duct as published by Standards Australia on 12 November 2012	The whole
Schedule 2, Part 28	AS/NZS 4859.1:2002 Materials for the thermal insulation of buildings—Part 1: General criteria and technical provisions published by Standards Australia on 15 October 2002, incorporating Amendment No. 1 (28 December 2006)	The whole
Schedule 2, Part 30	Zigbee Smart Energy Profile Specification published by ZigBee Standards Organization on 1 December 2008	The whole
Schedule 2, Part 30	Zigbee Smart Energy Standard version 1.2a published by the ZigBee Standards Organization on 3 December 2014	The whole
Schedule 2, Part 31	AS 60034.1–2009 Rotating electrical machines—Part 1: Rating and performance published by Standards Australia on 15 July 2009	The whole

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Endnotes

Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
Schedule 2, Part 31	IEC 60034-2.1 Ed. 2.0 Rotating electrical machines Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles), published by the International Electrotechnical Commission on 27 June 2014	The whole
Schedule 2, Part 31	IEC/TS 60034-31 Ed. 1.0 Rotating electrical machines—Part 31: Selection of energy-efficient motors including variable speed applications-Application guide, published by the International Electrotechnical Commission on 26 April 2010	Annexure A
Schedule 2, Part 33	ISO 13349:2010 Ed. 2.0 Fans—Vocabulary and definitions of categories published by the International Organization for Standardization in July 2010	The definition of <i>air handling system</i>

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Endnotes

Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
Schedule 2, Part 36	AS/NZS 3500:2018 series comprising— <ul style="list-style-type: none"> <li data-bbox="660 680 987 860">(a) AS/NZS 3500.0:2003— Plumbing and drainage Part 0: Glossary of terms published by Standards Australia on 15 December 2003 <li data-bbox="660 875 987 1055">(b) AS/NZS 3500.1:2018 Plumbing and drainage— Part 1: Water services published by Standards Australia on 29 June 2018 <li data-bbox="660 1070 987 1249">(c) AS/NZS 3500.2:2018— Plumbing and drainage— Part 2: Sanitary plumbing and drainage published by Standards Australia on 29 June 2018 <li data-bbox="660 1265 987 1444">(d) AS/NZS 3500.3:2018 Plumbing and drainage— Part 3: Stormwater drainage published by Standards Australia on 29 June 2018 <li data-bbox="660 1460 987 1639">(e) AS/NZS 3500.4:2018 Plumbing and drainage— Part 4: Heated water services as published by Standards Australia on 29 June 2018 	The whole
Schedule 2, Part 36	AS/NZS 6400:2016 Water efficient products— Rating and labelling published by Standards Australia on 6 April 2016	The whole

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Statutory rule provision	Title of applied, adopted or incorporated document	Matter in applied, adopted or incorporated document
Schedule 2, Part 36	Water Efficiency Labelling and Standards Determination 2013 (No. 2) made under sections 18, 19 and 26 of the Water Efficiency Labelling and Standards Act 2005 of the Commonwealth	The whole
Schedule 2, Part 42	AS 1228:2016 Pressure Equipment—Boilers published by Standards Australia on 18 May 2016	The whole