

## New definitions to classes of plumbing work from the *Plumbing Regulations 2018*

### Main classes

Drainage work	
<i>Plumbing Regulations 2018</i> definition includes	<i>Plumbing Regulations 2018</i> definition does not include
<p>(1) (a) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of any part of a below ground sanitary drainage system or waste pipes to and including –</p> <p>(i) the land application system</p> <p>(ii) the connection to a holding tank</p> <p>(iii) the connection with the discharge reticulation system exclusively vested in an authority that has a sewerage district under the <b>Water Act 1989</b></p> <p>(b) a below ground stormwater drainage system from the above-ground stormwater pipes to the point of discharge</p> <p>(c) any design work that is incidental to, or associated with, any work described in Regulation 15(1)(a).</p>	<p>(a) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of –</p> <p>(i) a subsoil drain for the sole purpose of subsoil water collection; or</p> <p>(ii) stormwater pits, channels that are grated or below ground storage or retention tanks; or</p> <p>(b) any excavations of trenches, excavations using trenchless technology or directional boring</p>
Fire protection work	
<i>Plumbing Regulations 2018</i> definition includes	<i>Plumbing Regulations 2018</i> definition does not include
<p>(1) (a) the construction, installation, replacement, repair, alteration, routine servicing, maintenance, testing or commissioning of any part of a water service used for firefighting, from the point of connection of the service to the water supply up to and including any fire protection equipment forming part of that service</p> <p>(b) any design work that is incidental to, or associated with, any work described in the paragraph above.</p>	<p>the commissioning of a fire system pumpset.</p>

<b>Gasfitting</b>	
<b>Plumbing Regulations 2018 definition includes</b>	<b>Plumbing Regulations 2018 definition does not include</b>
<p>(1) <i>the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of any pipe, appliance, flue, fitting, apparatus, control or other item that is involved with the supply or use of gas and that is fitted downstream of the gas supply point and includes –</i></p> <p><i>(a) any gas appliance in, or on, a caravan or a vessel; and</i></p> <p><i>(b) any roof sheeting and roof flashing that is necessary for the purpose of any work described in this subregulation; and</i></p> <p><i>(c) any design work that is incidental to, or associated with, any work described in this subregulation.</i></p>	<p><i>(a) any specialised gasfitting work; or</i></p> <p><i>(b) any Type B gasfitting work; or</i></p> <p><i>(c) any cleaning, painting or preparation work in relation to gas pipes or gas pipe joints that does not involve the connection, disconnection or alteration of those pipes or joints; or</i></p> <p><i>(d) the connection or disconnection of a gas storage container for the purpose of filling or refilling, exchanging, storing or disposing of the container; or</i></p> <p><i>(e) any work in relation to an item that is involved with the supply or use of gas that relates to the propulsion system, or any system that is powered by the propulsion system, of any motor vehicle.</i></p>
<b>Irrigation (non-agricultural) work</b>	
<b>Plumbing Regulations 2018 definition includes</b>	<b>Plumbing Regulations 2018 definition does not include</b>
<p>(1) <i>(a) the construction, installation, replacement, repair, alteration, maintenance, relining, testing or commissioning of any part of an irrigation system on a property from the connection point to the last valve controlling any pressurized zone in the system and includes</i></p> <p><i>(b) any design work that is incidental to, or associated with, any work described in this subregulation.</i></p>	<p>(2) <i>the construction, installation, replacement, repair, alteration, maintenance, relining, testing or commissioning of an irrigation system used for the purposes of agriculture.</i></p>

<b>Mechanical services work</b>	
<b>Plumbing Regulations 2018 definition includes</b>	<b>Plumbing Regulations 2018 definition does not include</b>
<p><i>(1)(a) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of a mechanical heating, cooling or ventilation system in a building, which is associated with the heating, cooling or ventilation of that of that building, including</i></p> <ul style="list-style-type: none"> <li><i>(i) any valve, regulator, register, pipe, duct, flue, tank, heating or cooling pipe or surface, boiler, burner, solid fuel heater, coil or other item that is used in the system</i></li> <li><i>(ii) in the case of a cooling tower, any water pipe, valve, pump, automated dosing device or automated bleeding device or any other mechanical component that affects the cooling tower's cooling water flow rate or wastewater disposal; and</i></li> <li><i>(iii) roof sheeting and roof flashing that is necessary for the purpose of any work described in this subregulation; and</i></li> <li><i>(iv) until 18 November 2019, any single head split system.</i></li> </ul> <p><i>(b) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of any fixed component used in the reticulation system for the supply or removal of a medical gases from gas source to the wall outlet; and</i></p> <p><i>(c) on and from 18 November 2019, the installation, commissioning and any incidental design work that is associated with the installation and commissioning of;</i></p> <ul style="list-style-type: none"> <li><i>(i) any part of a single head split system; or</i></li> <li><i>(ii) a ceiling cassette system; or</i></li> <li><i>(iii) an add-on condenser unit for the ducted system –</i></li> <li><i>(iv) That is associated with the heating and cooling of a building; and</i></li> </ul> <p><i>(d) any design work that is incidental to, or associated with, any work described in paragraphs (a) and (b).</i></p>	<ul style="list-style-type: none"> <li><i>(a) Gasfitting work; or</i></li> <li><i>(b) Any work on a cooling tower drift eliminator; or</i></li> <li><i>(c) Any treatment of cooling or heating water; or</i></li> <li><i>(d) Any cleaning of a cooling tower; or</i></li> <li><i>(e) Disassembly or reassembly of a flue terminal for the purposes of cleaning a solid fuel heater; or</i></li> <li><i>(f) The connection or disconnection of a system referred to in subregulation (1) from a water supply other than disconnection of the system other than disconnection of the system from a water supply at an isolating valve adjacent to a mechanical component of that system.</i></li> </ul>

### Refrigerated air-conditioning work

#### **Plumbing Regulations 2018 definition includes**

- (1) (a) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of refrigerated air-conditioning equipment associated with the heating or cooling of a building including -
- (i) Any compressor, condenser, condensing unit, fan coil unit, fan and air distribution equipment, evaporator, pipework and any tubing, motors and associated controls; and
  - (ii) Any ductwork that is necessary for the purpose of any work described in this paragraph; and
  - (iii) Any roof sheeting and roof flashing that is necessary for the purpose of any work described in this paragraph
  - (iv) Any part of a single head split system, ceiling cassette system or any add-on condenser unit for the ducted system; and
- (b) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of a split system heat pump water heater; and
- (c) any design work that is incidental to, or associated with, any work described in paragraph (a) or (b).

#### **Plumbing Regulations 2018 definition does not include**

- (2) (a) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of refrigerated air-conditioning from a water supply other than the disconnection of that equipment from a water supply at an isolating valve adjacent to a mechanical component of that equipment; or
- (b) any treatment of heating or cooling water; or
- (c) the connection or disconnection of a split system heat pump water heater from a water supply.

### Roofing (stormwater) work

#### **Plumbing Regulations 2018 definition includes**

- (1) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of any roof covering or roof flashing or any part of a roof drainage system involved in the collection or disposal of stormwater and includes -
- (a) the connection of any stormwater piping to -
- (i) a below ground stormwater drain; or
  - (ii) an onsite retention tank; and

#### **Plumbing Regulations 2018 definition does not include**

- (a) any cleaning, painting or preparation work in relation to any item, device or equipment involved in the collection or disposal of stormwater other than the connection, disconnection or alteration of that item, device or equipment; or
- (b) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of any roof covering consisting of non-metallic tiles, timber, concrete, glass bitumen or slate; or

*(b) any design work that is incidental to, or associated with, any work described in this subregulation.*

*(c) any work on a membrane applied to a roof covering or roof flashing; or*

*(d) Any work referred to in subregulation (1) that is carried out in relation to a freestanding Class 10a building that has a floor area not exceeding 10 m<sup>2</sup> except where the Class 10a building requires connection to a below-ground drain or retention tank.*

### Sanitary work

#### **Plumbing Regulations 2018 definition includes**

*(1) (a) the construction, installation, replacement, repair, alteration, maintenance, relining, testing or commissioning of any part of an above ground sanitary plumbing system to connect sanitary fixtures and appliances to a holding tank, wastewater treatment system or a below ground sanitary drainage system and includes -*

*(i) any fixture in, or on, a caravan or vessel that is connected to a holding tank, wastewater treatment system or a below-ground sanitary drainage system; and*

*(ii) any roof sheeting and flashing that is necessary for the purpose of any work described in this subregulation; and*

*(b) any design work that is incidental to, or associated with, any work described in this subregulation.*

#### **Plumbing Regulations 2018 definition does not include**

*(a) water supply work; or*

*(b) drainage work; or*

*(c) the installation of a bath or shower base other than the connection of a waste outlet to an above-ground sanitary plumbing system or a below-ground sanitary drainage system.*

### Type B gasfitting work

#### **Plumbing Regulations 2018 definition includes**

*(a) the construction, installation, servicing, maintenance, commissioning, replacement or repair of a single Type B appliance of an energy input greater than 10 MJ/h and less than 5000 MJ/h between the connection to the gas isolating valve adjacent to the appliance and any flue connection; and*

#### **Plumbing Regulations 2018 definition does not include**

*(a) the adjustment of input parameters on a programmable burner management system associated with a Type B appliance; or*

*(b) the commissioning of a Type B appliance in the absence of manufacturer-supplied commissioning data; or*

*(b) the commissioning, construction, installation, servicing and maintenance of a steam boiler or thermal fluid heater of input less than 20 000 MJ/h that forms part of an integrated industrial process between the gas isolating valve adjacent to the appliance and any flue connection, including the repair and replacement of gas components in that appliance.*

- (c) any work on a Type B appliance where the appliance is associated with volatile solvents or hazardous atmospheres; or*
- (d) any work on a component of a Type B appliance which is not involved in the supply of gas, use of gas or control of gas related hazards; or*
- (e) the positioning of a Type B appliance except where it involves a connection to the gas isolating valve; or*
- (f) electrical work within the meaning of the Electricity Safety Act 1998 that is not involved in the supply of gas, use of gas, or control of gas related hazards.*

### Water supply work

#### **Plumbing Regulations 2018 definition includes**

- (1)(a) the construction, installation, replacement, repair, alteration, relining, maintenance, testing or commissioning of the following –*
- (i) any part of a heated or cold water service that is connected to a drinking water supply from the point of connection to the water supply to the points of discharge of that service;*
  - (ii) any part of a non-drinking heated or cold water service or rainwater service, from the point of connection to the water supply to the points of discharge of the service;*
  - (iii) any heated water service in or on a caravan or vessel; and*
- (b) any design work that is incidental to, or associated with, any work described in (1)(a).*

#### **Plumbing Regulations 2018 definition does not include**

- (a) work described in sub regulation (1) carried out in connection with the supply of piped non-drinking water for agricultural purposes unless the water is supplied by a network utility operator or other water provider; or*
- (b) the treatment of water used in heated or cold water service; or*
- (c) backflow prevention work; or*
- (d) on and from 18 November 2019, thermostatic mixing valve work.*

## Specialised classes

Type B gasfitting advanced work	
<i>Plumbing Regulations 2018</i> definition includes	<i>Plumbing Regulations 2018</i> definition does not include
<p>(1) the construction, installation, servicing, maintenance and commissioning of a type B appliance of an energy input greater than 10 J/h between connection to the gas isolating valve adjacent to the appliance and any flue connection and includes -</p> <p>(a) the repair, replacement, alteration or modification of the burner and associated safety system; and</p> <p>(b) the commissioning of a new, existing or modified gas burner system; and</p> <p>(c) the adjustment of input parameters on a programmable burner management system associated with a Type B appliance; and</p> <p>(d) the commissioning of a Type B appliance in the absence of manufacturer-supplied commissioning data; and</p> <p>(e) any work on a Type B appliance where the appliance id associated with volatile solvents or hazardous atmospheres; and</p> <p>(f) any design work that is incidental to, or associated with, any work described in this subregulation.</p>	<p>(a) any work on a component of a Type B appliance which is not involved in the supply of gas related hazards; or</p> <p>(b) the positioning of a Type B appliance except where it involves a connection to the gas isolating valve; or</p> <p>(c) electrical work within the meaning of the <b>Electrical Safety Act 1998</b> that is not involved in the supply of gas, use of gas or control of gas related hazards</p>
Type A appliance conversion work	
<i>Plumbing Regulations 2018</i> definition includes	<i>Plumbing Regulations 2018</i> definition does not include
<p>the adjusting or altering of a type A appliance to operate on a different gas from—</p> <p>(a) the gas that the appliance was originally manufactured to use; or</p> <p>(b) the gas that the appliance had been previously converted to use.</p>	n/a

<b>Type A appliance servicing work</b>	
<i>Plumbing Regulations 2018 definition includes</i>	<i>Plumbing Regulations 2018 definition does not include</i>
<i>the internal cleaning, maintenance and adjusting of a Type A appliance and includes the adjustment, repair or replacement of a component of the Type A appliance.</i>	<i>n/a</i>
<b>Backflow Prevention work</b>	
<i>Plumbing Regulations 2018 definition includes</i>	<i>Plumbing Regulations 2018 definition does not include</i>
<i>the repair, alteration, maintenance, testing or commissioning of a backflow prevention device, which is capable of being tested and is listed in Column 1 of Table 4.4.1 of AS/NZS 3500.1.</i>	<i>n/a</i>
<b>Thermostatic mixing valve work</b>	
<i>Plumbing Regulations 2018 definition includes</i>	<i>Plumbing Regulations 2018 definition does not include</i>
<i>is the repair, alteration, maintenance and testing of a thermostatic mixing valve.</i>	<p><i>(a) the construction, installation, replacement or commissioning of a thermostatic mixing valve; or</i></p> <p><i>(b) the construction, installation, replacement, repair, alteration, maintenance, testing or commissioning of a tempering valve.</i></p>