

Regulatory Change Table—Proposed Plumbing Regulations 2018

2008 Regulation no.	2018 Regulation no.	Short description of the regulation	Proposed regulatory change					Reason for change
			Revoke	No change/ no impact	Update/ clarify	Reduce	Strengthen	
1	1	Objectives Regulation 1 describes the objectives of the regulations.			X			The objectives of the Regulations remain the same. Wording changes reflect current drafting practice.
2	2	Authorising provisions Regulation 2 specifies the relevant sections of the Act under which the regulations are made.		X				N/A
3	3	Commencement Regulation 3 prescribes the date the regulations commence and come into effect.			X			The Regulations will commence 18 November 2018, noting the following exceptions: <ul style="list-style-type: none"> • Regulation 36 (new class for TMVs) will commence on 18 November 2018. • Clause 13 of Part 1 of Schedule 2 (new standard for hot water heaters) will commence on 1 May 2019.
4	4	Revocations Regulation 4 revokes the Plumbing Regulations 2008 and all subsequent amendments.			X			This regulation revokes the Plumbing Regulations 2008 to allow the Plumbing Regulations 2018 to replace them.
5	5	Definitions Regulation 5 defines terms used in the Regulations.			X			The definitions for existing terms and standards have been relocated into regulation 5 to reflect current drafting practice.

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5	5	Definitions (cont.) Regulation 5 defines terms used in the Regulations.	X					The following definitions have been revoked because they are no longer used in the regulations: <ul style="list-style-type: none"> • AS/NZS 3500.4 • Blackwater • Certificate IV course • Drain • Evaporative cooler • Greywater • Refrigerated packaging appliance • Split system • Surface water drainage system • Trade waste agreement • Wastewater.
					X			The following definitions have been revised to support changes in the proposed regulations: <ul style="list-style-type: none"> • Solar water heater • Specialised gasfitting work • Medical gases • Minor tap repairs • Connection point.
								X

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5	5	Definitions (cont.) Regulation 5 defines terms used in the Regulations.					X	<ul style="list-style-type: none"> • Automated bleeding device • Automatic or manual interchange device • Class 1 building • Class 1a building • Class 10a building • Climate zone 4 • Climate zone 5 • CO2-e/MJ • Disposal point • Electric resistance water heater • Gas supply point • Greenhouse performance benchmark • Heat pump water heater • Membrane • Network utility operator • Refrigerated air-conditioning (basic systems) work • Relining • Replacement water heater • Roof covering • Routine servicing • Stormwater pit • Tempering valve • Temporary heated water service • Thermostatic mixing valve • Thermostatic mixing valve work • Thermal energy load • Type B appliance

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								<ul style="list-style-type: none"> Water efficient shower head
6	6	Interpretation Regulation 6 provides guidance on interpreting terms used in the Regulations and what takes precedence in particular circumstances.			X			The provisions largely remain unchanged, with minor changes to improve readability.
6(4)	14(1)(b) & 14(2)	This sub-regulation clarifies how directions and other instructions set out in incorporated documents are to be interpreted and applied.			X			Sub-regulation 6(4) has been relocated to regulation 14 and has been clarified (see regulation 14 for further information).
6(5) & 6(7)	6(4) & 6(5) & 6(6)	This sub-regulation clarifies that when the Regulations refer to the 'installation', 'repair' or 'replacement' of a device or system, these words also mean the 'extension', 'renewal', 'relocation' or 'removal' of that thing.			X			This regulation has been amended to clarify that 'installation', 'repair' or 'replacement' of a plumbing system or plumbing product should also include 'connection', 'disconnection' or 'removal', in addition to the existing terms of 'extension', 'renewal', 'relocation'. The only exception to this rule is where there is a clear contrary intention expressed in the Regulations.
19	5 & 6(7)	This regulation clarifies that for the purposes of gasfitting, type B gasfitting and type B gasfitting advanced work, any technical terminology not defined in the Regulations has the same meaning as it does in the following Standards: AS 3814, AS 4575, AS 5601.1 and as 5601.2.		X				To reflect current drafting practice, mechanical changes have been made to relocate the existing regulation, with the impact remaining the same.

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7	7	PCA forms part of these Regulations Regulation 7 adopts the PCA so it applies to plumbing work in Victoria, which enables the application of a nationally consistent standards where appropriate.		X				N/A
8	8	Provisions of the PCA not adopted Regulation 8 sets out provisions of the PCA that are not adopted in Victoria.			X			Provisions of the PCA not adopted continue to be Part D2, Parts F1 and F2. An additional clause has been inserted that will cause these provisions to expire on 30 April 2019. If a decision is made to retain these variations to the PCA, these will be added to the list of Victorian variations for the PCA 2019.
9	9	Modifications to the PCA Regulation 9 modifies Victoria's adoption of the PCA to ensure consistency and reduce ambiguity. For example, this regulation clarifies terminology associated with 'plumbing and drainage installation' and requires Victorian plumbers to comply with the current version of technical standards adopted within the PCA.		X				N/A

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10	12	<p>Classes of plumbing work</p> <p>This regulation defines the meaning of plumbing work including work that is not included within the definition.</p>			X			<p>Minor changes have been made to clarify descriptions of work that is not plumbing work.</p> <p>Two new classes of plumbing work have been incorporated to reflect the broader changes across the Regulations:</p> <ul style="list-style-type: none"> • refrigerated air-conditioning (basic systems) work; and • thermostatic mixing valve work.
10(2)(i)	12(2)(i)	<p>This sub-regulation excludes design work from the definition of plumbing work, unless the design work is incidental to, or associated with, plumbing work.</p>			X			<p>This sub-regulation has been revised to remove the reference to design work that is incidental or, or associated with, plumbing work. This change clarifies that any design work that is carried out by the following practitioners is excluded from the definition of plumbing work and therefore the application of the Regulations:</p> <ul style="list-style-type: none"> • building practitioners; • architects; • draftspersons; • engineers; • landscape architects; or • designers. <p>Design work that is incidental to, or associated with, plumbing work will continue to be contained in the relevant definitions for classes of plumbing work or specialised plumbing work.</p>

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11	13	<p>Plumbing work that may be carried out by unlicensed or unregistered persons</p> <p>This regulation sets out plumbing work that may be carried out by unregistered or unlicensed persons.</p>				X		<p>A change has been made to the definition of ‘minor tap repairs’ (relocated to regulation 5). This change provides greater clarity for the type of work that can be carried out by unlicensed or unregistered persons.</p> <p>The definition of ‘3-star shower head’ has been revoked and replaced by the term ‘water efficient shower head’ (relocated in regulation 5). The impact of this is that the change-over of a shower head that is not water efficient must be carried out by a registered or licensed plumber.</p>
12	10	<p>Classes of plumbing work other than specialised plumbing work</p> <p>This regulation gives effect to the definition of <i>class of plumbing work</i> under section 221B(1) of the Act.</p>			X			<p>This regulation has been updated to reflect broader changes across the Regulations:</p> <ul style="list-style-type: none"> inclusion of a new class of plumbing work for refrigerated air-conditioning (basic systems) work; and insertion of refrigerated air-conditioning and type B gasfitting classes of work to reflect that these existing specialised classes of plumbing work have been reclassified as main classes of plumbing work.
13	11	<p>Classes of specialised plumbing work</p> <p>This regulation gives effect to the definition of <i>class of specialised plumbing work</i> under section 221B(1) of the Act.</p>			X			<p>This regulation has been updated to reflect broader change across the Regulations:</p> <ul style="list-style-type: none"> a new specialised class of plumbing work for thermostatic mixing valves associated with water supply work; and removal of refrigerated air-conditioning and type B gasfitting classes of work to reflect that these existing specialised classes of plumbing work have now been reclassified as main classes of plumbing work.

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14	14	Carrying out plumbing work This regulation requires that plumbing work must be carried out in a good and workmanlike manner.			X			To ensure there is a clear obligation on the licensed plumber while carrying out plumbing work, this regulation now requires a licensed plumber supervising plumbing work to ensure that the person being supervised carries out the work in a good and workmanlike manner and follows manufacturer's directions. The impact of this change is the same as the existing regulation.
6(4)	14(1)(b) & 14(2)				X			Following relocation from regulation 6, new sub-regulation (3) seeks to provide clarity that the written direction of a manufacturer does not apply if it is inconsistent with a requirement of the Act, Regulations or a document incorporated by these Regulations. Given this change and clarity, this regulation no longer contains a reference to 'best practice'.
N/A	Part 4 Div. 1	Classes of plumbing work other than classes of specialised plumbing work This part seeks to clearly identify the scopes of work associated for main classes of plumbing work.			X			This is a mechanical change to the structure of the Regulations to more easily locate main classes of plumbing work.
28, 27, 29, 31 35, 37	16, 18, 22, 24, 26, 28, 30, 33, 35, 37	Structure and content of Regulations prescribing standards for plumbing work			X			Changes to the Regulations clarify that a licensed or registered plumber must comply with standards or other technical requirements set out in the relevant divisions of Schedule 2. The intent and impact of these regulations do not change.
15	15	What is drainage work? This regulation sets out the scope of drainage work.			X			Inclusion of 'relining' within the scope of work to reflect technological changes and industry best practice.

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15	15	What is <i>drainage work</i>? (cont.) This regulation sets out the scope of drainage work.			X			<p>The term 'disposal system' has been replaced to more accurately reflect the point at which work on a sanitary drainage or stormwater drainage system terminates to clarify the regulated scope of work.</p> <ul style="list-style-type: none"> • For sanitary drainage systems: <ul style="list-style-type: none"> ○ If the sanitary drainage system is on-site, the term 'disposal point' is used to indicate the point at which drainage work terminates, with a new definition prescribed in regulation 5. ○ If the sanitary drainage system is connected to a water authority asset, the term 'discharge reticulation system' is used to indicate the point at which drainage work terminates. • For stormwater drainage systems the term 'point of discharge' is used to indicate the point at which drainage work terminates.
					X			Exclude from the scope of work excavation of trenches, excavations using trenchless technology and directional boring.
N/A	16	Standards for carrying out drainage work This regulation requires drainage work to comply with other technical requirements listed in Schedule 2.					X	This new regulation is required to support the prescription of a new standard for the laying of below ground sanitary drains.
17	17	What is <i>fire protection work</i>? This regulation sets out the scope of fire protection work.			X			<p>To improve clarity on the scope of work, amendments include:</p> <ul style="list-style-type: none"> • explicit inclusion of 'routine servicing' work with a new definition of routine servicing prescribed in regulation 5. • removal of references to types of fire protection equipment within the scope of work since the term 'fire protection equipment' has now been defined under regulation 5 to include the relevant equipment (i.e. fire hydrants, hose reels, sprinkler

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17	17	What is fire protection work? (cont.) This regulation sets out the scope of fire protection work.			X			<p>systems and fire pumpsets).</p> <ul style="list-style-type: none"> inclusion of a new sub-regulation (2) to reflect the existing exclusion that fire protection work does not include the commissioning of a fire system pumpset. <p><i>Note: the definition of 'water service' remains as is and has been relocated to regulation 5.</i></p>
18	18	Standards for carrying out fire protection work This regulation requires fire protection work to comply with other technical requirements listed in Schedule 2.		X				N/A
19	5 & 6(7)	Terms used in this Part This regulation clarifies that for the gasfitting, type B gasfitting and type B gasfitting advanced classes of work, any technical terminology not defined in the Regulations has the same meaning as outlined in the following Standards: AS 3814, AS 4575, AS 5601.1 and as 5601.2.		X				To reflect current drafting practice, mechanical changes have been made to relocate the existing regulation, with the impact remaining the same.
20	19	What is gasfitting work? This regulation sets out the scope of gasfitting work.			X			To ensure work on bio gas systems is captured, as well as work on all existing systems, the terms 'outlet of a customer billing metre' and 'customer gas storage container' have been removed and replaced with the term 'gas supply point'. A new definition for 'gas supply point' has been provisioned for in regulation 5, which aligns with the <i>Gas Safety Act 1997</i> .

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20	19	What is <i>gasfitting</i> work? (cont.) This regulation sets out the scope of gasfitting work.			X			Minor amendments have been made to exclude certain activities from the scope of work for clarity: <ul style="list-style-type: none"> the connection or disconnection of a gas storage container for the purpose of exchanging, storing or disposing of the container type B gasfitting work.
21	39	What is <i>type A appliance servicing</i> work? This regulation sets out the scope of type A appliance servicing work.		X				N/A
22	38	What is <i>type A appliance conversion work</i>? This regulation sets out the scope of type A appliance conversion work.		X				N/A
23	31	What is <i>type B gasfitting</i> work? This regulation sets out the scope of type B gasfitting work.				X		The existing specialised class of type B gasfitting has been reclassified as a main class of plumbing work to better reflect existing training pathways and ensure practitioners enter this class without unnecessary regulatory burdens.
					X			To improve clarity on the scope of work, amendments include: <ul style="list-style-type: none"> removal of references to specific types of type B appliances to accommodate technology changes in the industry. This includes removing the definition of ‘batch kiln’ and removing references to ‘water heater’, ‘space heater’, ‘vat’ or ‘tank heater’, ‘a dryer’ or ‘oven not associated with volatile solvents’. inclusion of work on steam boilers and thermal fluid heaters with energy input of less than 20,000 MJ/H (previously 10,000MJ/H) to

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23	31	What is type B gasfitting work? (cont.) This regulation sets out the scope of type B gasfitting work.			X			accommodate changes in technology. <ul style="list-style-type: none"> inclusion of the term 'commissioning' to align with industry's understanding of the regulatory treatment of this activity. the definition of 'type B appliance' has been relocated to regulation 5 and has been amended to be consistent with the <i>Gas Safety Act 1997</i>.
					X			To clarify areas of work that should be undertaken exclusively as part of the type B gasfitting advanced class of work, the following exclusions have been made to the scope of type B gasfitting: <ul style="list-style-type: none"> adjustment of input parameters on a programmable burner management system associated with a type B appliance. commissioning of a type B appliance in the absence of manufacturer supplied commissioning data. any work on a type B appliance where the appliance is associated with volatile solvents or hazardous atmospheres.
					X			Amendments have been made to clarify areas of work that are excluded from the scope as they are not considered plumbing work: <ul style="list-style-type: none"> 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. the positioning of a type B appliance except where it involves a connection to the gas isolating valve. any electrical work within the meaning of the <i>Electrical Safety Act 1998</i> that is not involved in the supply of gas, use of gas or control of gas related hazards.

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24	40	<p>What is type B gasfitting advanced work? This regulation sets out the scope for type B gasfitting advanced work.</p>			X			<p>To improve clarity on the scope of work, amendments include:</p> <ul style="list-style-type: none"> removal of references to specific types of type B appliances, such as ‘furnace’, ‘an appliance... for industrial manufacturing’, ‘a dryer or over’ and ‘kiln’ to accommodate technological changes in the industry. the definition of ‘type B appliance’ has been relocated to regulation 5 and has been amended to be consistent with the <i>Gas Safety Act 1997</i>.
					X			<p>To improve clarity on the scope of work, amendments have been made to reflect the specific and more complex types of work involved in this specialised class, including:</p> <ul style="list-style-type: none"> adjustment of input parameters on a programmable burner management system associated with a type B appliance. the commissioning of a type B appliance in the absence of manufacturer-supplied commissioning data. any work on a type B appliance where the appliance is associated with volatile solvents or hazardous atmospheres.
					X			<p>Amendments have been made to clarify areas of work that are excluded from the scope as they are not considered plumbing work:</p> <ul style="list-style-type: none"> 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. the positioning of a type B appliance except where it involves a connection to the gas isolating valve. any electrical work within the meaning of the <i>Electrical Safety Act 1998</i> that is not involved in the supply of gas, use of gas or control of gas related hazards.

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25	20	<p>What is <i>irrigation (non-agricultural) work</i>?</p> <p>This regulation sets out the scope of irrigation (non-agricultural) work.</p>			X			<p>To improve clarity to the scope of work, amendments include:</p> <ul style="list-style-type: none"> inclusion of ‘relining’ to reflect technological changes and industry best practice. the definition and use of ‘connection point’ has been updated and relocated to regulation 5. The intention of this change is to clarify where an irrigation system starts, particularly in relation to water supply work.
26	21	<p>What is <i>mechanical services work</i>?</p> <p>This regulation sets out the scope of mechanical services work.</p>				X		<p>A key amendment includes the removal of references to single head split systems from the scope of work consistent with broader changes in the Regulations. This work will be regulated under the reclassified class of refrigerated air-conditioning work and the new class of refrigerated air-conditioning (basic systems).</p>
					X			<p>To improve clarity on the scope of work, amendments include:</p> <ul style="list-style-type: none"> a separate sub-regulation in relation to work involving medical gases to improve readability exclusion of the cleaning of cooling towers, since this is not regulated plumbing work consistent with industry practice exclusion of the treatment of heating water, since this was not considered regulated plumbing work consistent with industry practice exclusion of the disassembly or reassembly of a flue terminal associated with cleaning a solid fuel heater, since this is not considered to be regulated plumbing work consistent with industry practice exclusion of any work on a range hood or non-ducted exhaust fan in a Class 1a building not requiring roof sheeting or flashing.

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								<ul style="list-style-type: none"> exclusion of any work in relation to the proposed class for refrigerated air-conditioning (basic systems) work.
27	22	Standards for carrying out mechanical services work This regulation requires mechanical services work to comply with other technical requirements listed in Schedule 2.		X				N/A
28	23	What is refrigerated air-conditioning work? This regulation sets out the scope of refrigerated air-conditioning work.				X		The existing specialised class of refrigerated air-conditioning work has been reclassified as a main class of plumbing work to better reflect existing training pathways and ensure practitioners enter this class without unnecessary regulatory burdens.
					X			To improve clarity on the scope of work, amendments include: <ul style="list-style-type: none"> inclusion of a list of components associated with refrigerated air-conditioning work. This list is only intended to be indicative, not exhaustive. limiting the scope of work to equipment used for the heating or cooling of a building. inclusion of solid as well as flexible ductwork, however this does not include ductwork associated with a ventilation system (mechanical services work). inclusion of the construction, installation, replacements, repair, alteration, maintenance, testing or commissioning of a split system heat pump water heater. exclusion of the treatment of heating water since this was not considered regulated plumbing work for this scope of work.

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28	23	What is refrigerated air-conditioning work? (cont.)						<ul style="list-style-type: none"> exclusion of the connection or disconnection of a heat pump water heater as this remains water supply work.
		This regulation sets out the scope of refrigerated air-conditioning work.					X	A key amendment includes excluding work on single head split systems, ceiling cassette systems and add-on condensers for a ducted system as this work is now captured under the classes of refrigerated air-conditioning work, as well as refrigerated air-conditioning (basic systems) work.
29	24	Standards for carrying out refrigerated air-conditioning work This regulation requires refrigerated air-conditioning work to comply with other technical requirements listed in Schedule 2.		X				N/A
N/A	25	What is refrigerated air-conditioning (basic systems) work? This regulation sets out the scope of refrigerated air-conditioning (basic systems) work.				X		<p>This new class of work is limited to the construction, installation, replacement and commissioning of the following equipment:</p> <ul style="list-style-type: none"> Single head split systems A ceiling cassette system An add-on condenser unit for a ducted system. <p>Work on split systems has been removed from the scope of mechanical services work.</p> <p>This new class of work does not include the servicing, repair or maintenance of these systems.</p> <p>Any practitioner licensed or registered in refrigerated air-conditioning work can also carry out any work captured under the scope of refrigerated</p>

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								air-conditioning (basic systems).
N/A	26	Standards for carrying out refrigerated air-conditioning (basic systems) work This regulation requires refrigerated air-conditioning work to comply with other technical requirements listed in Schedule 2.					X	This new regulation is required to support the prescription of appropriate standards for the new class of refrigerated air-conditioning (basic systems) work.
30	27	What is roofing (stormwater) work? This regulation sets out the scope of roofing (stormwater) work.			X			To improve clarity on the scope of work, amendments include: <ul style="list-style-type: none"> • work on a roofing system will fall within scope of this class whether or not there is a connection to ground level. • broadening the existing exclusion of roof coverings to also include timber, concrete, glass or bitumen to clarify the types of roof coverings that out of scope for this class. • exclusion of any work on a membrane applied to a roof covering or roof flashing, noting that ‘roof covering’ and ‘membrane’ are defined in regulation 5 to provide greater clarity for industry • exclusion of any work carried out on class 10a buildings, except where the class 10a building requires a connection to a below ground drain or retention tank to align with the <i>Building Regulations 2018</i>.
31	28	Standards for carrying out roofing (stormwater) work This regulation requires roofing (stormwater) work to comply with other technical requirements listed in Schedule 2.		X				N/A

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32	29	What is <i>sanitary work</i>? This regulation sets out the scope of sanitary work.			X			To improve clarity on the scope of work, amendments include: <ul style="list-style-type: none"> • inclusion of ‘relining’ to reflect technological changes and industry best practice. • inclusion of ‘holding tank’ and ‘waste water treatment system’ to clarify the scope of work. • mechanical separation between caravans and vessel to improve readability for the scope of regulated sanitary work for each. • inclusion of the term ‘appliance’ to clarify regulated work on a caravan or a vessel. • exclusion of the installation of bath or shower base to clarify that this work is not regulated plumbing work, noting that the connection of the bath or shower base to the sanitary system is regulated under this class of work.
N/A	30	Standards for carrying out sanitary work This regulation requires sanitary work to comply with other technical requirements listed in Schedule 2.					X	This new regulation is required to support the prescription of new standards for this existing class of work.
34	32	What is <i>water supply work</i>? This regulation sets out the scope of water supply work.			X			To improve clarity on the scope of work, amendments include: <ul style="list-style-type: none"> • inclusion of ‘relining’ to reflect technological changes and industry best practice. • exclusion of the treatment of water used in a heated or cold water service to clarify that this is not considered regulated plumbing work consistent with industry practice. • exclusion of refrigerated air-conditioning work and refrigerated air-conditioning (basic systems) work to ensure that any work on a split-system heat pump is not regulated under this class of work. However, the connection of the split-system heat pump to

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								<p>the water supply will fall within this class of work.</p> <ul style="list-style-type: none"> exclusion of the class of backflow prevention work.
35	33	<p>Standards for carrying out water supply work</p> <p>This regulation requires water supply work to comply with other technical requirements listed in Schedule 2.</p>		X				N/A
N/A	Part 5	<p>Classes of specialised plumbing work</p> <p>This part seeks to clearly identify the scopes of work associated with specialised classes of plumbing work.</p>			X			This is a mechanical change to the structure of the Regulations to more easily locate specialised classes of plumbing work.
36	34	<p>What is <i>backflow prevention work</i>?</p> <p>This regulation sets out the scope of backflow prevention work.</p>			X			A minor update has been made to the Table in AS/NZS 3500.1 for accuracy.
37	35	<p>Standards for carrying out backflow prevention work</p> <p>This regulation requires backflow prevention work to comply with technical standards specified in Schedule 2.</p>		X				N/A

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N/A	36	What is <i>thermostatic mixing valve work</i>? This regulation sets out the scope of thermostatic mixing valve (TMV) work.					X	This new specialised class covers the maintenance of TMVs to ensure their ongoing reliability and safe operation. This new class is limited to post-installation activities (e.g. maintenance and servicing) to enable water supply practitioners to continue to undertake the installation and commissioning of TMVs. It is proposed that this new class will not commence until 18 November 2019 to enable sufficient time for interested practitioners to undertake the prescribed training.
N/A	37	Standards for carrying out thermostatic mixing valve work This regulation requires TMV work to comply with other technical requirements listed in Schedule 2.					X	This new regulation is required to support the prescription of appropriate standards for this new class of work.
37A	41	Prescribed class of plumbing work required to carry out specialised plumbing work This regulation prescribes certain classes or specialised classes of work that a person must hold in order to be eligible for registration or licensing in a specialised class of work.			X			Minor drafting changes have been made to improve readability and reflect current drafting practice.

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38	42	<p>Qualifications and experience required for classes of plumbing work other than classes of specialised plumbing work</p> <p>This regulation gives effect to sections 221M and 221O of the Act. It prescribes that the qualifications and experience required for a person to be eligible to be registered or licensed in a class of plumbing work are set out in Part 1 of Schedule 4.</p>			X			Minor drafting changes have been made to improve readability and reflect current drafting practice.
39	43	<p>Qualifications required for classes of specialised plumbing work</p> <p>This regulation gives effect to sections 221N and 221OA of the Act. It prescribes that the qualifications required for a person to be eligible to be registered or licensed in a class of specialised plumbing work are set out in Part 2 of Schedule 4.</p>			X			Minor drafting changes have been made to improve readability and reflect current drafting practice.
N/A	44	<p>Undertaking practical experience</p> <p>This regulation explains that practical experience as described in Schedule 4 must be obtained under the supervision of a licensed plumber.</p>			X			<p>This new regulation seeks to ensure that where an individual is applying for registration or licensing:</p> <ul style="list-style-type: none"> • that the prescribed experience is gained under the supervision of a licensed plumber; and • that this licensed plumber is licensed in the same class that the individual is applying for registration or licensing. <p><i>Note: this regulation operates alongside the replacement of the term 'employment' with 'practical experience' for experience requirements set</i></p>

2008 Regulation no.	2018 Regulation no.	Short description of the regulation	Proposed regulatory change					Reason for change
			Revoke	No change/ no impact	Update/ clarify	Reduce	Strengthen	
								<i>out in Schedule 4 (see Schedule 4 below).</i>
40	45	<p>Exception to experience requirements where applicant is registered in another class of plumbing work</p> <p>This regulation reduces the experience required for eligibility for registration in a class to 1 year for applicants who are already registered in another class of plumbing work.</p>					X	<p>Given that the intention of this regulation is to reduce the burden on plumbers who are seeking to become registered in additional classes of work as they are already sufficiently trained and qualified practitioners, the proposal is to exclude the following classes of work from this regulation:</p> <ul style="list-style-type: none"> • drainage work; • irrigation (non-agricultural) work; and • refrigerated air-conditioning (basic systems). <p>This is deemed appropriate since these classes of work do not necessarily have a full apprenticeship associated with them and should be classified differently in terms of their trade qualifications.</p>
41	46	<p>Experience may be obtained over separate periods and under supervision of different licensed plumbers and employers</p> <p>This regulation states that the experience required for registration/licensing may be obtained under multiple periods and employers.</p>			X			Minor drafting changes have been made to improve readability and reflect current drafting practice.
42	47	<p>Authority may approve competency units</p> <p>This regulation permits the VBA to prescribe competency units for individuals to be eligible for registration and/or licensing in main and specialised classes of</p>			X			Minor drafting changes have been made to improve readability and reflect current drafting practice.

2008 Regulation no.	2018 Regulation no.	Short description of the regulation	Proposed regulatory change					Reason for change
			Revoke	No change/ no impact	Update/ clarify	Reduce	Strengthen	
		plumbing work.						
43	48	Fees This regulation sets out the fees payable for a broad range of matters covered in Part 12A of the Act.		X				N/A
44	49	Value of plumbing work This regulation states that a compliance certificate is required to be issued for any plumbing work totalling \$750 or more.			X			Minor drafting changes have been made to improve readability and reflect current drafting practice.
45	50	Maximum amount the Authority may charge for a compliance certificate form This regulation sets the maximum amount that may be charged for the sale of a compliance certificate at 2.43 fee units.			X			Minor drafting changes have been made to improve readability and reflect current drafting practice.
46	51	Exemption from fees This regulation allows the VBA to partially or wholly exempt a person from having to pay a fee if special circumstances apply.		X				N/A
47	52	Definitions This regulation defines terms used in the transitional provisions.			X			For clarity a new definition for 'specialised plumbing work' has been added.

2008 Regulation no.	2018 Regulation no.	Short description of the regulation	Proposed regulatory change					Reason for change
			Revoke	No change/ no impact	Update/ clarify	Reduce	Strengthen	
48	53	<p>Former class of plumbing work taken to be class or type of plumbing work under these Regulations</p> <p>Clarifies that the classes of work set out in the current Regulations are equivalent to the classes of work set out in Table 1 in Schedule 6 of the proposed Regulations.</p>			X			Minor changes to this regulation seek to establish that the classes of work set out under the current Regulations are equivalent to the classes of work set in the proposed Regulations (Table 1 of Schedule 6 sets out which existing class of plumbing work corresponds to each new class).
48	54	<p>Former class of specialised plumbing work taken to be class of specialised plumbing work or type of plumbing work under these Regulations</p> <p>Clarifies that the specialised classes of work set out in the current Regulations are equivalent to the specialised classes of work set out in Table 2 in Schedule 6 of the proposed Regulations.</p>			X			<p>Minor changes to this regulation seek to establish that the specialised classes of work set out under the current Regulations are equivalent to the specialised classes of work set in the proposed Regulations (Table 2 of Schedule 6 sets out which existing class of work corresponds to each new class).</p> <p>This regulation does not apply to TMVs as this is a new class of specialised plumbing work.</p>
N/A	55	<p>Former class of specialised plumbing work taken to be class of plumbing work of the type of work under these Regulations</p> <p>This regulation clarifies that the specialised classes of work set out in the current Regulations are equivalent to the classes of work set out in Table 3 in Schedule 6 of the proposed Regulations.</p>			X			<p>While this is a new regulation, its inclusion is mechanical in nature and reflects that Schedule 6 now has an additional table.</p> <p>This new regulation establishes that the specialised classes of type B gasfitting and refrigerated air-conditioning work under the current Regulations are equivalent to the main classes of type B gasfitting and refrigerated air-conditioning work in the proposed Regulations (as set out in Table 3 of Schedule 6).</p>

2008 Regulation no.	2018 Regulation no.	Short description of the regulation	Proposed regulatory change					Reason for change
			Revoke	No change/ no impact	Update/ clarify	Reduce	Strengthen	
49	56	<p>Persons licensed to carry out a former class of plumbing work taken to be licensed to carry out a class of plumbing work under these Regulations</p> <p>This regulation clarifies the validity of licenses issued in respect to classes under the current Regulations and automatically transitions licensed practitioners from the classes of work they were licensed under the current Regulations to the new classes of work set out in the proposed Regulations, including those with restricted licenses. Licenses gained under the current Regulations continue until they automatically expire or are cancelled.</p>			X			Minor drafting changes have been made to improve readability and reflect current drafting practice.
49	57	<p>Persons registered to carry out a former class of plumbing work taken to be registered to carry out class of plumbing work under these regulations</p> <p>This regulation clarifies the validity of registrations issued in respect to classes under the current Regulations and automatically transitions registered practitioners from the classes of work they were registered in under the current Regulations to the new classes of work set out in the proposed Regulations, including those with restricted registrations.</p>			X			Minor drafting changes have been made to improve readability and reflect current drafting practice.

2008 Regulation no.	2018 Regulation no.	Short description of the regulation	Proposed regulatory change					Reason for change
			Revoke	No change/ no impact	Update/ clarify	Reduce	Strengthen	
		Registration gained under the current Regulations continues until it automatically expires or is cancelled.						
50	58	<p>Persons who are eligible to be licensed or registered to carry out a former class of plumbing work</p> <p>This regulation clarifies continuing eligibility for registration or licensing under the proposed Regulations. For example, a person who was eligible for licensing or registration under the current Regulations is still eligible for licensing or registration under the proposed Regulations if they provided their application with the VBA prior to the date the proposed Regulations commence (18 November 2018).</p>			X			Minor drafting changes have been made to improve readability and reflect current drafting practice.
51	N/A	<p>Exemption from section 221D(1) of the Act for certain persons carrying out fire protection work</p> <p>This provision allows a one year transition period for persons performing certain fire protection work.</p>	X					This regulation is no longer required as it was specific to the current Regulations as part of transitioning arrangements in 2008.
Sch. 1	Sch. 1	<p>Revocations</p> <p>This Schedule lists the regulations that will be revoked when the new regulations are made.</p>			X			This regulation has been updated to revoke unnecessary regulations upon the making of the proposed Regulations.

2008 Regulation no.	2018 Regulation no.	Short description of the regulation	Proposed regulatory change					Reason for change
			Revoke	No change/ no impact	Update/ clarify	Reduce	Strengthen	
Sch. 2	Sch. 2	Standards in relation to plumbing work Schedule 2 sets out the technical requirements for plumbing work.			X			<p>The structure of Schedule 2 has been changed such that Part 1 outlines standards relevant for all main classes of plumbing and Part 2 outlines standards relevant for all specialised classes of plumbing work. This is a mechanical change and has been done to more easily locate main classes and specialised classes in Schedule 2.</p> <p>To reflect current drafting practice:</p> <ul style="list-style-type: none"> all existing definitions in Schedule 2 have been relocated to regulation 5 all standards referenced in Schedule 2 have been relocated to regulation 5. <p>Where appropriate, the word 'requirement' has been changed to 'standard'.</p>
N/A	Sch. 2 Part 1, Div. 1	Standards for drainage work Division 1 sets out the standards for drainage work.					X	<p>A new requirement has been included for the laying of below ground sanitary drains that service more than one building. This has been inserted to provide compliance clarity for plumbers and to reduce the impact for consumers should issues arise with the sanitary drain in future.</p>
Sch. 2 Part 2	Sch. 2 Part 1, Div. 2	Standard for fire protection work Division 2 sets out the standards for fire protection work.			X			<p>AS 1682.8 has been revoked as it covers work carried out on fire dampers installed in duct work. This work is not captured under the scope of fire protection and has therefore been removed.</p>
Sch. 2 Part 3	Sch. 2 Part 1, Div. 3	Standards for mechanical services work Division 3 sets out the standards for mechanicals services work.			X			<p>The following standard has been removed: 'HB 276-2004 A Guide to Good practice for Energy Efficient Installation of Residential Heating, Cooling and Air-Conditioning plant and Equipment'.</p> <p>This has been removed as this standard is associated with work that has been excluded from mechanical services and provisioned for in</p>

2008 Regulation no.	2018 Regulation no.	Short description of the regulation	Proposed regulatory change					Reason for change
			Revoke	No change/ no impact	Update/ clarify	Reduce	Strengthen	
								refrigerated air-conditioning (split systems).
Sch. 2 Part 4	Sch. 2 Part 1, Div. 4	Standards for refrigerated air-conditioning work Division 4 sets out the standards for refrigerated air-conditioning work.			X			The references to the AS/NZS 1677.1 series have been updated to refer to the AS/NZS ISO 817 series, and the reference to AS/NZS 1677.2 has been updated to refer to AS/NZS ISO 5149 Parts 1, 2, 3 & 4.
N/A	Sch. 2 Part 1, Div. 5	Standards for refrigerated air-conditioning (basic systems) work Division 5 sets out the standards for refrigerated air-conditioning (basic systems) work.					X	New standards are required to support the proposed new scope of work associated with refrigerated air-conditioning (basic systems) work. These are the same requirements currently prescribed for refrigerated air-conditioning work.
Sch. 2 Part 5	Sch. 2 Part 1, Div. 6	Standards for roofing (stormwater) work Division 6 sets out the standards for roofing (stormwater) work.			X			<p>The following standards have been revoked:</p> <ul style="list-style-type: none"> AS 1562.1 Design and installation of sheet roof and wall cladding Part 1: Metal its content is now largely covered by the 2015 version of SA HB 39. AS/NZS 4200.1 Pliable building membranes and underlays Part 1: Materials is revoked as it is not relevant to plumbing work. The incorporation of AS/NZS 4200.2 Pliable building membranes and underlays Part 2: Installation requirements has been revoked as it is not relevant to plumbing work. <p>SA HB 39—1997: Installation code for metal roof and wall cladding has been revoked and is replaced by SA HB 39: 2015 Installation code for metal roof and wall cladding, which is the latest version of this standard.</p>

2008 Regulation no.	2018 Regulation no.	Short description of the regulation	Proposed regulatory change					Reason for change
			Revoke	No change/ no impact	Update/ clarify	Reduce	Strengthen	
N/A	Sch. 2 Part 1, Div. 7	Standards for sanitary work Division 7 sets out the standards for sanitary work.			X			To provide additional compliance clarity to sanitary practitioners working on caravans or vessels, two additional standards are prescribed that sanitary plumbers should be familiar with: <ul style="list-style-type: none"> Australian Design Rules (ADR) published by the Federal Government, which will assist in compliance clarity and consistency for sanitary plumbers working in caravans. AS 4995:2009—Greywater treatment systems for vessels operated on inland waters for plumbers installing grey water systems on vessels.
Sch. 2 Part 7	Sch. 2 Part 1, Div. 8	Standards for water supply work Division 8 sets out the standards for water supply work.					X	Two new standards are being proposed: <ul style="list-style-type: none"> a new hot water heater standard for the replacement of these systems in existing Class 1 buildings (existing single dwelling homes). This standard seeks to encourage households to take up more efficient hot water heaters. A new standard for backflow prevention devices to be required when installing a tap near a toilet, except where the tap is connected to a sanitary fixture or in a male public toilet. This standard has been introduced to mitigate the risks of backflow when a consumer installs a flexible handheld spray on an existing tap that may not have sufficient backflow prevention protection.
Sch. 2 Part 8	Sch. 2 Part 2, Div. 1	Standards for backflow prevention work Division 1 sets out the standards for backflow prevention work.			X			Minor drafting changes have been made to improve readability and reflect current drafting practice.

2008 Regulation no.	2018 Regulation no.	Short description of the regulation	Proposed regulatory change					Reason for change
			Revoke	No change/ no impact	Update/ clarify	Reduce	Strengthen	
N/A	Sch. 2 Part 2, Div. 2	Standards for thermostatic mixing valve work Division 2 sets out the standards for thermostatic mixing valve work.					X	A new standard is required to support the proposed new scope of work associated with maintenance of TMVs. The prescribed standard is Australian Standard: AS 4032.3, which covers the testing and maintenance of TMVs.
Sch. 2A Part 1	Sch. 3	Class of plumbing work required to carry out a class of specialised plumbing work This Schedule sets out the 'parent' classes of work that are required to be held in order for a person to be eligible for registration or licensing in a specialised class.			X			This Schedule has been updated to remove the refrigerated air-conditioning and type B gasfitting classes of work, since both have been reclassified as main classes of work. This Schedule also includes thermostatic mixing valve work since this is a new proposed class of specialised plumbing work associated with water supply work.
Sch.3	Sch. 4	Qualification and experience requirements for licence or registration As set out in regulations 41 and 42, this Schedule specifies the qualifications and experience requirements for registration and licensing in each class and specialised class of plumbing work.			X			The format of this Schedule has been changed from a table to separate clauses. This mechanical change is intended to improve readability and more clearly set out the qualifications and experience required for a person to be eligible for licensing or registration in each main and specialised class of work. The qualification and experience requirements for licensing or registration largely remain the same noting the below changes.
					X			The word 'employment' has been replaced with 'practical experience'. This removes ambiguity around the nature of experience that is sufficient under 'employment'. A new regulation (regulation 44) also specifies that this experience must be obtained under the supervision of a licensed plumber.
							X	Applicants are required to provide evidence that they have completed the prescribed competency units for a licence application.

2008 Regulation no.	2018 Regulation no.	Short description of the regulation	Proposed regulatory change					Reason for change
			Revoke	No change/ no impact	Update/ clarify	Reduce	Strengthen	
Sch. 3	Sch. 4	Qualification and experience requirements for licence or registration (cont.) As set out in regulations 41 and 42, this Schedule specifies the qualifications and experience requirements for registration and licensing in each class and specialised class of plumbing work.			X			A change has been made to clarify that apprenticeships must be 'successfully completed' where previously a person must have 'completed' an apprenticeship.
							X	New experience requirements have been prescribed for registered practitioners prior to being eligible for licensing to improve the quality of plumbing work. One year of experience as a registered plumber will be required for the following classes of plumbing work: <ul style="list-style-type: none"> • drainage • irrigation (non-agricultural) • mechanical services • refrigerated air-conditioning (basic systems) • roofing (stormwater) • sanitary • type B gasfitting. Two years of experience as a registered plumber will be required for classes that have been assessed as involving higher risk plumbing work: <ul style="list-style-type: none"> • fire protection • gasfitting • refrigerated air-conditioning • water supply.
						X		For eligibility to be registered in the proposed class of refrigerated air-conditioning (basic systems), a period of two years of experience is required, in addition to completion of the approved competency units and the VBA exam. For eligibility to be licensed, one additional year of experience as a registered plumber in this class is required, in addition to

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			Revoke	No change/ no impact	Update/ clarify	Reduce	Strengthen	
Sch. 3	Sch. 4	<p>Qualification and experience requirements for licence or registration (cont).</p> <p>As set out in regulations 41 and 42, this Schedule specifies the qualifications and experience requirements for registration and licensing in each class and specialised class of plumbing work.</p>						<p>completion of the approved competency units and the VBA exam.</p> <p>For eligibility to be registered and licensed in the proposed specialised class of thermostatic missing valve work, completion of the approved competency units and VBA exam is required.</p>
Sch. 4	Sch. 5	<p>Fees</p> <p>This Schedule sets out the fees payable for certain matters listed in the Act and Regulations.</p>		X				N/A
Sch. 5	Sch. 6	<p>Transitional—classes and types of plumbing work</p> <p>This Schedule sets out the transition pathways from former work classes in the current Regulations to the new classes under the proposed Regulations.</p>			X			<p>This Schedule is referred to for matters prescribed under regulations 48, 49 and 50.</p> <p>For clarity and to reflect the different transitional arrangements, additional tables have been inserted into the Schedule:</p> <ul style="list-style-type: none"> • Table 1 sets out the transition from a former main class of plumbing work to the corresponding remade main class of plumbing work. • Table 2 sets out the transition from a former specialised class of plumbing work to the corresponding remade specialised class of plumbing work. • Table 3 sets out the transition from a former specialised class of plumbing work to the remade main class of plumbing work.

KEY

Regulatory change				
Revoke	No change / no impact	Update / clarify	Reduce	Strengthen
The existing regulation will be deleted.	No change to the regulation is proposed.	An existing regulation has been updated or amended to clarify, improve, remove ambiguity and/or reinforce the policy intent of the regulation	An existing regulation has been amended to reduce the burden (for example, compliance, administrative and other costs) associated with the regulation.	An existing regulation has been amended, or a new regulation introduced, to respond to implementation (how a regulation is applied in practice) or new and/or emerging issues.