

PLEASE ADDRESS ANY CORRESPONDENCE TO WATER SUPPLY (NETWORK) DEPARTMENT

Your Ref :

Our Ref : WSN 92413/90/062020/WCFVS Tel : 63304185 Fax : 67313020

Date : 1 Oct 2020 E-mail : roland_chan@pub.gov.sg

To water fittings suppliers, Licensed Plumbers & Professional Engineers, Singapore Sanitary Ware Importers & Exporters' Association (SSWIEA) and Singapore Plumbing Society (SPS) and relevant Government Agencies, Statutory Board, Professional Engineers, M&E Consultants, Associations and Organisations.

Dear Sir/Madam

- A. **EXTEND MANDATORY WATER EFFICIENCY LABELLING SCHEME (MWELS) TO INCLUDE FLUSH VALVES FOR WATER CLOSET (WC)**
- B. **MANDATORY SALE AND SUPPLY OF MINIMUM 2-TICK RATING MWELS FLUSH VALVES FOR WCs**
- C. **MANDATORY INSTALLATION OF MINIMUM 2-TICK WATER EFFICIENT FITTINGS IN ALL NEW AND EXISTING PREMISES UNDERGOING ADDITIONS/ALTERATION WORKS**

This circular is to inform the relevant suppliers, testing laboratories, certification bodies, Licensed Plumbers, Professional Engineers, professional institutes, associations, statutory boards, government organisations, developers, qualified persons, professional engineers, societies, etc. on the above new water efficiency initiatives that PUB intends to implement.

A. Extend MWELS to include flush valves for WCs

2. **With effect from 1 Jan 2022**, only flush valves for WCs that are labelled under MWELS can be offered-for-sale, displayed, and advertised for sale or supply in Singapore. This is to further promote the supply of more water-efficient fittings in the market and encourage consumers to use water-efficient appliances, as part of our on-going efforts to promote water conservation and reduce water consumption in Singapore.

B. Mandatory sale and supply of minimum 2-tick MWELS flush valves for WCs

3. Currently, under the Public Utilities (Water Supply) Regulations, flush valves for WCs shall give a flush of not more than 4.5 litres. To complement the extension of MWELS for WCs with flush valves, **with effect from 1 Jan 2022**, all flush valves for WCs being offered-for-sale, displayed, advertised for sale or supply in Singapore:

- a) shall have a flush volume of not more than 4.0 litres per flush; and
- b) shall be of minimum 2-tick or more water efficiency rating under the MWELS.

The water efficiency ratings are as shown in the Table below.

	Water Efficiency Rating	
Tick Rating	2-tick	3-tick
Volume of discharge (Litres per flush)	>3.5 to 4.0	3.5 or less

4. **With effect from 1 Jan 2022**, flush valves for WCs with flush volume more than 4.0 litres will no longer be allowed for sale, supply, display or advertisement. Suppliers are strongly encouraged to clear their existing stocks of models with flush volumes of more than 4.0 litres.

5. New models and existing models which are to be upgraded or have been upgraded to minimum 2-ticks or more shall be certified by an accredited Certification Body for WELS. More information on testing, certification and registration requirements to the relevant stakeholders will be provided in a separate circular (*Reference no. WSN 92413/90/072020/WCFVS dated 1 Oct 2020 "Testing, Certification and Registration of WC Flush Valves under MWELS*).

C. Mandatory installation of minimum 2-tick MWELS flush valves for WCs in all new and existing premises undergoing Addition/Alteration works

6. The installation requirements for MWELS flush valves for WCs are as follows:

- a) **With effect from 1 Jan 2022**, all building plans submissions for all new premises and for all existing premises undergoing Additions/Alteration works involving the replacement of flush valves for WCs are to incorporate such fittings that are labelled with minimum 2-tick or more ratings under MWELS. The above requirements shall apply to all types of premises, except for residential premises where flush valves are not allowed.
- b) For Building Plans submitted **before 1 Jan 2022 but where the completion date of the water service work** (as indicated in the Certificate of Satisfactory Completion of Water Service Work) is **after 1 Jan 2023**, the premises shall also be required to be installed with water fittings of minimum 2-ticks or more flush valves for WCs.
- c) **From 1 Jan 2023**, only flush valves for WCs that are labelled with minimum 2-ticks or more under MWELS shall be installed in all existing premises undergoing Additions/Alteration works involving the replacement of flush valves for WCs. The above requirement shall apply to all types of premises except for residential premises.

Amendments to the legislations

7. The Public Utilities (Water Supply) Regulations will be amended to give effect to the above requirements mentioned in paragraphs 2 and 3, and anyone found not complying with the requirements shall be guilty of an offence and liable for prosecution.

8. Please disseminate the information in this circular to your relevant staff, distributors, retailers and other industry partners for their information and compliance. A copy of this circular is also downloadable from PUB's website and WELS website at www.pub.gov.sg and www.pub.gov.sg/wels. If you have any queries concerning this circular or need further clarification or assistance, please email to pub_waterfittings@pub.gov.sg or email to any of the officers listed below.

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Yours faithfully



ROLAND CHAN
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 for DIRECTOR
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cc Distribution (via email only) – For information, pl.

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