

Your Ref : -

Our Ref : WSN 92413/90/202206/SCDAT

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To water fitting suppliers, test laboratories, Singapore Sanitary Ware Importers & Exporters' Association (SSWIEA), Singapore Plumbing Society (SPS), Licensed Plumbers, Professional Engineers and relevant government agencies and associations.

Dear Sir/Madam

**(A) UPDATED STIPULATION OF STANDARDS & REQUIREMENTS FOR SELF-CLOSING DELAYED-ACTION TAPS (SCDATs) AND MECHANICAL MIXERS**

**(B) REMINDER ON SALE & SUPPLY OF MECHANICAL SCDATs WITH FLOW TIMING OF 5 TO 7 SECONDS**

This circular is to inform the industry on the revised product stipulated standards and requirements for self-closing delayed action taps (SCDATs) and mechanical mixers.

2. Currently, PUB adopts SS 448:1998 for stipulations for single taps and combination taps including self-closing delayed-action taps (SCDATs) and SS 448:Part 2:1998 on backflow prevention for mechanical mixers. We would like to inform you that SS 448:1998 will no longer be adopted and will be replaced with \*SS 671:2021 "*Specification for Performance for Self-Closing Delayed-Action and Sensor Taps for Water Services*" where relevant. With the above changes, the updated stipulations for the respective fittings are as follows:

Testing requirements

- a) **With effect from 1 Jun 2023 (based on date of test reports)**, new models of the following types of taps;
- i. Mechanical self-closing delayed-action tap;
  - ii. Sensor self-closing delayed-action tap; and
  - iii. Sensor taps
- shall be tested for compliance with SS 671:2021 and BS EN 200:2008.

Please note that the pre-set flow timing for mechanical SCDATs shall be between 5 to 7 seconds instead of 2 to 3 seconds. Single taps and combination taps excluding SCDATs shall continue to be tested for compliance with BS EN 200:2008.

- b) **With effect from 1 Jun 2023 (based on date of test reports)**, new models of mechanical mixers shall comply with BS EN 14506:2005 on vacuum test and BS EN 817:2008.

### WELS Registration

- c) **With immediate effect (based on date of test reports)**, new models of SCDATs and mechanical mixers which have been tested in accordance with SS 671:2021 and BS EN 14506:2005 on vacuum test respectively can be accepted for WELS registration. Hence, suppliers are strongly encouraged to send their new models to be tested to the updated stipulated standards.
- d) **With effect from 1 Jan 2022**, new taps and mixers which are tested to SS 448:1998 shall no longer be accepted for WELS registration.

Please refer to the Table below for summary of the updated stipulations. For full set of stipulations, please refer to the PUB S&R available for downloading at <https://www.pub.gov.sg/compliance/watersupplyservices/standards>.

	Types of taps/mixers	Compliance requirements up to 31 May 2023	Compliance requirements from 1 Jun 2023 onwards
A	Single tap or combination tap (non-SCDATs)	BS EN 200:2008 <u>or</u> SS 448:1998	BS EN 200:2008
B	i. Mechanical self-closing delayed-action taps ii. Sensor self-closing delayed action taps iii. Sensor taps	BS EN 200:2008 <u>or</u> SS 448:1998  Or  BS EN 200:2008 <u>and</u> SS 671:2008	BS EN 200:2008 <u>and</u> SS 671:2021
C	Mechanical mixers	BS EN 817:2008 <u>and</u> SS 448:Part 2:1998 (backflow prevention test)	BS EN 817:2008 <u>and</u> BS EN 14506:2005 (vacuum test)

3. Existing WELS-registered SCDATs and mechanical mixers which have been tested to SS 448:1998 can continue to be supplied without any re-testing. Existing mechanical SCDATs with flow timing of 2 to 3 seconds will be de-registered.

### Reminder on sale & supply of mechanical SCDATs with new flow timing

4. We would like to remind you that **with effect from 1 Sep 2022**, only WELS-registered mechanical SCDATs which comply with the pre-set flow timing of 5 to 7 seconds shall be allowed for sale and supply in Singapore.

5. Please note that the water fitting shall be fully tested for compliance to PUB's requirements as stipulated in the PUB S&R. We would like to remind that a water fitting is deemed to comply with PUB's stipulated standards if it is tested as complying with such standards by a testing laboratory accredited by the Singapore Accreditation Council (SAC) or its Mutual Recognition Arrangement (MRA) partners. For more information, please visit SAC's website at [www.sac-accreditation.gov.sg](http://www.sac-accreditation.gov.sg). Test reports issued by a testing laboratory accredited by the SAC or its MRA partners must bear the SAC-SINGLAS mark and ILAC mark, or MRA partners' International Laboratory Accreditation Cooperation (ILAC-MRA) mark respectively.

6. Please disseminate the circular to your relevant suppliers, retailers, distributors and other industry partners for their information and compliance. A copy of the updated PUB S&R and a copy of this circular are downloadable from PUB's website at <https://www.pub.gov.sg/compliance/watersupplyservices/standards> and <https://www.pub.gov.sg/compliance/industry/circulars>.

7. Please contact me or email to [pub\\_waterfittings@pub.gov.sg](mailto:pub_waterfittings@pub.gov.sg) if you have any clarifications.

*\*To purchase the Singapore Standard, please refer to Singapore Standard website at <https://www.singaporestandardseshop.sg/Product/SSPdtDetail/3c1c6cb7-1d7d-4dba-b9fe-71fb140208c9>*

Yours faithfully



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