

PLEASE ADDRESS ANY CORRESPONDENCE TO WATER SUPPLY (NETWORK) DEPARTMENT

Your Ref :

Our Ref : WSN 92413/90/202110/MECHSCDAT Tel : 65172925

Date : 1 Sep 2021 E-mail : noryati_abdullah@pub.gov.sg

To water fitting suppliers, test laboratories, certification bodies for WELS, Professional Engineers, Licensed Plumbers, Singapore Sanitary Ware Importers & Exporters' Association (SSWIEA) and Singapore Plumbing Society (SPS).

Dear Sir/Madam

UPDATED STIPULATED STANDARDS & REQUIREMENTS FOR MECHANICAL SELF-CLOSING DELAYED-ACTION TAPS (SCDATs) FOR BASIN
- PHASING OUT OF SCDATs WITH PRESET FLOW TIMING OF 2 – 3 SECONDS

This circular informs the industry on the updated stipulated standards for mechanical* self-closing delayed action taps (SCDATs) for basin.

**hand-pressed and knee/foot/pedal-operated types.*

2. Currently, mechanical SCDATs for basin shall be tested in accordance with Singapore Standard SS 448:1998 and have a preset flow timing of 2 to 3 seconds. To facilitate handwashing for hygiene purpose in light of COVID-19, the preset flow timing for the mechanical SCDATs will be increased to 5 to 7 seconds, after taking into consideration overseas practices, local/overseas health authorities' guidelines on handwashing, and the results from a local study on handwashing.

Installation of SCDATs for basin with new preset flow timing

3. As mechanical SCDATs with preset timing of 2 to 3 seconds will be phased-out by 31 August 2022, we strongly encourage Professional Engineers and Licensed Plumbers to use mechanical SCDATs with pre-set flow timing of 5 to 7 seconds for their new projects/premises with immediate effect. The list of suppliers of mechanical SCDATs for basin is appended in **Annex A**. We also strongly encourage suppliers to upgrade their existing models or submit new models with new preset flow timing for WELS registrations.

4. The implementation details are as follows:

Sale and Supply:

- a) With effect from 1 Sep 2022 (date of test reports), only WELS-registered mechanical SCDATs which have been tested in accordance with Flow Rate Duration Test in accordance with Clause 8.2 of SS 448:Part 3:1998 and and comply with the pre-set flow timing of 5 to 7 seconds shall be allowed for sale and supply for water service installations in Singapore.

- b) Existing WELS-registered mechanical SCDATs which have been tested to comply with the 2 to 3 seconds can continue to be supplied until 31 Aug 2022. With effect from 1 Sep 2022, mechanical SCDATs with such pre-set flow timing shall no longer be allowed for sale and supply in Singapore.

WELS Registration:

- c) With immediate effect, new and existing models which have been tested in accordance with PUB's stipulated standards and comply with 5 to 7 seconds preset flow timing can be accepted for WELS registration and are allowed for sale and supply in Singapore. For new models, Certification Bodies shall ensure that the model(s) are supported with accredited test reports as part of the submission for WELS applications.
- d) For existing WELS-registered models, suppliers must submit the accredited test reports on new flow timing test to PUB by 31 Aug 2022 (i.e. before implementation date of 1 Sep 2022), if they wish to continue supplying the models (using the same WELS registration number) from 1 Sep 2022 onwards, failing which the models will be de-registered without further notice. Re-certification by Certification Body of the existing model is not required.
- e) With effect from 1 Sep 2021 (i.e. 1 year before implementation), submission of WELS applications by Certification Bodies for new mechanical SCDATs with preset flow timing of 2 to 3 seconds shall no longer be accepted.

5. We wish to remind that a water fitting is deemed to comply with the 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. Test reports issued by a testing laboratory accredited by the SAC or its MRA partners must bear the SAC-SINGLAS mark or the mark of the International Laboratory Accreditation Cooperation Mutual Recognition Arrangement (ILAC-MRA) respectively.

6. The above-mentioned water fitting must be supported with valid, complete and full test reports. Suppliers shall ensure that the test reports of water fittings which they offer-for-sale, advertise, display, sell or supply are properly kept and must be produced for verification upon request by PUB. PUB continues to conduct checks and will take action against non-compliance.

7. **The updated stipulations on SCDATs will be incorporated in the Clause 9.1 of the PUB S&R and the WELS Guidebook** which are also downloadable from PUB's website at <https://www.pub.gov.sg/compliance/watersupplyservices/standards> and <https://www.pub.gov.sg/wels/suppliers>. A copy of the circular is also available at <https://www.pub.gov.sg/compliance/industry/circulars>. Please disseminate this circular to your relevant staff, members, distributors, retailers and other industry partners for their information and compliance.

8. If you have any queries or need further clarification or assistance, please email to Ms Fiona Wong and myself at wong_hong_lan@pub.gov and noryati_abdullah@pub.gov.sg.

Yours faithfully

A handwritten signature in black ink, appearing to read 'Noryati', written in a cursive style.

NORYATI ABDULLAH (MS)
SENIOR ENGINEER (INSPECTORATE)
for DIRECTOR
WATER SUPPLY (NETWORK) DEPARTMENT

Enclosed

cc distribution list – See Annex B.

Annex A

List of Suppliers of Mechanical Self-Closing Delayed-Action for Basin

- 1) Professional Engineers and Licensed Plumbers are advised to enquire directly with the suppliers on the availabilities of WELS-registered mechanical SCDATs for basin with preset flow timing of 5 to 7 seconds. To check if the model provided by the supplier is WELS registered, please refer to PUB's WELS website at www.pub.gov.sg/wels. You may also wish to contact SSWIEA assistance to facilitate on sourcing of WELS-registered models with new preset flow timing.

No	Associations	Contact no	Email
1	Singapore Sanitary Ware Importers & Exporters Association (SSWIEA)	97289686	secretary@sswiea.org.sg

- 2) Suppliers should adopt the following approaches:
- a) To show the test reports or provide a letter of undertaking to the Professional Engineer/Licensed Plumber that the models (new and existing) have been tested for the new preset flow timing in accordance with PUB's requirements, to facilitate the installation of compliant models; or
- b) To provide a letter of undertaking to the Professional Engineer/Licensed Plumber that the model (new and existing) is in the process of submission to test laboratory and/or undergoing testing and the fittings shall be removed from the water service installation and/or stop supply to the project with immediate effect, if the test results do not meet or comply with PUB's requirements.

No	Existing WELS Registered Suppliers	Brand	Contact no	Email
1	ADL Enterprise Pte Ltd	RIZZO	65617555	ng@adlent.com.sg
2	ADM Bathroom Enterprise	ADM	67463195	admbathroom@singnet.com.sg
3	Brilliance Holdings	iUNO	67413446	brillianceholdings@live.com
4	Crizto Singapore Pte Ltd	Crizto	62875287	sales@crizto.com
5	DSG Valves & Fittings Pte Ltd	Exor	63927422	ng@adlent.com.sg
6	Grandeur Organisation Pte Ltd	IETO	62666698	splendour_tttan@yahoo.com.sg
7	Jeff Supplies Pte Ltd	SMIXIN	64429228	info@jeffsupplies.com
8	Joo Long Hardware Pte Ltd	SK	67482433	eric@joolonghardware.com
9	Multico Building Products Pte Ltd	Aquaperl	62838888	sales@multico.com.sg
10	Poh Joo Hardware Engineering Pte Ltd	PJ	62967178	seahbc@pohjoo.com.sg
11	Rigel Technology (S) Pte Ltd	Rigel	68126282	sales@rigel-group.com
12	Steldor Pte Ltd	Docol	67442829	jeremy@steldor.com.sg
13	Steldor Pte Ltd	SAVA	67442829	info@steldor.com.sg
14	TYH Marketing Pte Ltd	Global	67453748	sales@tyh.com.sg
15	Venus Technology (FE) Pte Ltd	AWS	67430023	sales@venustec.com
16	W.Atelier Pte Ltd	TOTO	62708828	vivian.c@watelier.com
17	Waterman Tapware(S) Pte Ltd	CROWN	68533559	watermantapware@gmail.com

Annex B

cc Distribution (via email)

No	Name of agency/organisation	Business Address	Addressee
1	The President Institution of Engineers, Singapore (IES)	70 Bukit Tinggi Road Singapore 289758	ies@iesnet.org.sg rickie.teo@iesnet.org.sg
2	The President Association Of Consulting Engineers, Singapore (ACES)	18 Sin Ming Lane #06-01 Midview City, Singapore 573960	secretariat@aces.org.sg
3	The President Singapore Contractors Association Limited (SCAL) Construction House	1 Bukit Merah Lane 2 Singapore 159760	esther@scal.com.sg huiqin@scal.com.sg enquiry@scal.com.sg
4	The President Singapore Institute Of Architects (SIA)	79 Neil Road Singapore 088904	cijc@sia.org.sg info@sia.org.sg
5	The President Society Of Project Managers (SPM)	Macpherson Road P.O. Box 1083 Singapore 913412	societyofprojectmanagers@gmail.com
6	The President Singapore Institute of Building Limited (SIBL)	20 Maxwell Road, #08-06 Maxwell House Singapore 069113	josephine@sibl.com.sg info@sibl.com.sg
7	The President Real Estate Developers' Association Of Singapore (REDAS)	190 Clemenceau Avenue #07-01 Singapore Shopping Centre Singapore 239924	redas_secretariat@redas.com geoklee@redas.com celine@redas.com
8	The President Professional Engineers Board, Singapore (PEB)	52 Jurong Gateway Road #07-03 Singapore 608550	registrar@peb.gov.sg
9	The President Board Of Architects (BOA)	5 Maxwell Road 1st Storey Tower Block MND Complex Singapore 069110	boarch@singnet.com.sg
10	Infrastructure and Facility Services Division School Campus Department Ministry Of Education	1 North Buona Vista Drive, Office Tower Level 9 Singapore 138675	CHOO_Boon_Chiao@moe.gov.sg
11	Building Service & Construction Department Construction Productivity and Mechanical & Electrical Department Housing & Development Board	480 Lorong 6 Toa Payoh #15-00 East Wing HDB Hub Singapore 310480	ng_thiam_min@hdb.gov.sg
12	Development & Construction Productivity Department Building Quality Group Housing & Development Board	480 Lorong 6 Toa Payoh HDB Hub Singapore 310480	denis_tm_wong@hdb.gov.sg
13	Engineering & Operations Group Projects Management JTC Corporation	8 Jurong Town Hall Road The JTC Summit Singapore 609434	teo_tiong_yong@jtc.gov.sg
14	Engineering & Operations Group Facilities & Estates JTC Corporation	9 Jurong Town Hall Road The JTC Summit Singapore 609435	mark_koh@jtc.gov.sg

No	Name of agency/organisation	Business Address	Addressee
15	Engineering & Operations Group Engineering JTC Corporation	10 Jurong Town Hall Road The JTC Summit Singapore 609436	Calvin_CHUNG@jtc.gov.sg
16	Building & Estates Management People's Association	9 King George's Avenue Singapore 208581	David_LOW@pa.gov.sg
17	Building Engineering Division Building And Construction Authority	52 Jurong Gateway Road, #12-00 Singapore 608550	CHEW_Keat_Chuan@bca.gov.sg
18	Training & Professional Development BCA Academy Of The Built Environment Building And Construction Authority	200 Braddell Road Singapore 579700	Leong-Kok_Su_Ming@bca.gov.sg
19	Setsco Services Pte Ltd	18 Teban Gardens Crescent Singapore 608925	yusoof@setsco.com chenyu@setsco.com ngds@setsco.com
20	TUV SUD PSB Pte Ltd	15 International Business Park TÜV SÜD @ IBP Singapore 609937	Ming-Yang.CHA@tuvsud.com Emily.MOK@tuvsud.com Mu-Lin.Tay@tuvsud.com
21	Singapore Laboratory Services Pte Ltd	64 Tuas South Ave 2 Singapore 637525	jimmy.lee@sls-singapore.sg leechoong.chua@sls-singapore.sg
22	Singapore Test Lab Pte Ltd	10B Enterprise Road Singapore 629828	chuapc@singaporetestlab.sg gohsl@singaporetestlab.sg
23	SGS Testing & Control Services Singapore Pte Ltd	3 Toh Tuck Link #01-02/03 Singapore 596228	Christopher.Hee@sgs.com
24	Intertek Testing Services (Singapore) Pte Ltd	5 Pereira Road Asiawide Industrial Building, #06-01 Singapore 368025	henry.lim@intertek.com KengChuan.Ong@intertek.com huayi.chen@intertek.com
25	Centre Testing International Pte Ltd	Blk 10 Ubi Crescent Ubi Teckpark (Lobby B), #03-26 Singapore 408564	donquek@cti-cert.com
26	UL International - Singapore Pte Ltd	20 Kian Teck Lane #01-00PT Singapore 627854	AryanJosef.Basas@ul.com ChianHaw.Yong@ul.com
27	The President Singapore Sanitary Ware Importers & Exporters Association (SSWIEA)	61 Ubi Road 1 #02-02, Oxley Bizhub Singapore 408727	president@sswiea.org.sg secretary@sswiea.org.sg
28	The President Singapore Plumbing Society (SPS)	3027A Ubi Road 3 #01-94 Singapore 408656	president@plumbing.org.sg secretary@plumbing.org.sg
29	The Secretariat Office Micro Builders Association, Singapore	18 Sin Ming Ln, #02-08 Midview City, Singapore 573960	info@mbas.org.sg
30	All relevant water fittings suppliers	-	-