

PLEASE ADDRESS ANY CORRESPONDENCE TO WATER SUPPLY (NETWORK) DEPARTMENT

Your Ref :  
Our Ref : WSN 92413/90/052020/MATERIALS Tel : 65172925 Fax : 67313020  
Date : 4 Aug 2020 E-mail : noryati\_abdullah@pub.gov.sg

To all water fittings suppliers, Professional Engineers, Licensed Plumbers, relevant test laboratories and certification bodies, Singapore Sanitary Ware Importers & Exporters Association (SSWIEA) and Singapore Plumbing Society (SPS).

Dear Sir/Madam

## **PUB'S STIPULATION OF STANDARDS AND REQUIREMENTS FOR METALLIC MATERIALS IN CONTACT WITH POTABLE WATER**

Currently, all metallic materials in contact with potable water shall be tested in accordance with the 'Extraction of Metals – Appendix H' of AS/NZS 4020 : 2005 and the maximum allowable concentrations of metals listed in Table 2 of AS/NZS 4020:2005 shall not exceed the limits specified by the World Health Organisation (WHO) Guidelines for Drinking Water Quality.

2. AS/NZS 4020 : 2005 has been superseded by the 2018 version and PUB is currently reviewing the stipulations to adopt this latest version. While PUB is reviewing the requirements, we would like to inform you on the following:

- a) For new water fittings (e.g. new brand or existing fittings with change in, but not limited to, materials, source of materials or manufacturers), suppliers are strongly encouraged to send their fittings for testing in accordance with the latest standard i.e. Extraction of Metals – Appendix H of AS/NZS 4020:2018. The maximum allowable concentrations of metals listed in Table 2 of AS/NZS 4020:2018 shall not exceed the limits specified by the World Health Organisation (WHO) Guidelines for Drinking Water Quality.
- b) Existing water fittings which have been tested to 'Extraction of Metals – Appendix H' of AS/NZS 4020 : 2005 and comply with WHO Guidelines for Drinking Water Quality shall continue to be supplied until further notice from PUB. PUB will consult the industry on proposal of new test requirements at a later date.

3. 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.

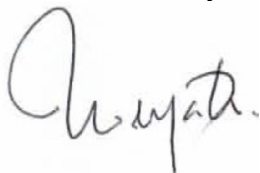
4. You may also wish to contact the following test laboratories (in alphabetical order) for more information on testing of

No	Name of test laboratory	Contact No.	Addressee
1	Intertek Testing Services (Singapore) Pte Ltd	63888666 / 98443160	huayi.chen@intertek.com
2	Setsco Services Pte Ltd	68952231	chenyu@setsco.com
3	Singapore Laboratory Services Pte Ltd	66863375	jimmy.lee@sls-singapore.sg leechoong.chua@sls-singapore.sg
4	Singapore Test Lab Pte Ltd	63536393	chuapc@singaporetestlab.sg
5	TUV SUD PSB Pte Ltd	68851418	Ming-Yang.CHA@tuv-sud-psb.sg

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

Name of officer	Email
Noryati Bte Abdullah	noryati_abdullah@pub.gov.sg
Wong Hong Lan Fiona	wong_hong_lan@pub.gov.sg
Mohd Nazri Man	mohd_nazri_man@pub.gov.sg

Yours faithfully



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

**cc Distribution (via email only) – For information, pl.**

<b>No</b>	<b>Name of agency/organisation</b>	<b>Business Address</b>	<b>Addressee</b>
1	President Institution Of Engineers, Singapore (IES)	70 Bukit Tinggi Road Singapore 289758	ies@iesnet.org.sg rickie.teo@iesnet.org.sg
2	President Association Of Consulting Engineers, Singapore (ACES)	18 Sin Ming Lane #06-01 Midview City, Singapore 573960	secretariat@aces.org.sg
3	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	President Singapore Institute Of Architects (SIA)	79 Neil Road Singapore 088904	cijc@sia.org.sg info@sia.org.sg
5	President Society Of Project Managers (SPM)	Macpherson Road P.O. Box 1083 Singapore 913412	societyofprojectmanagers@gmail.com
6	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	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	President Professional Engineers Board, Singapore (PEB)	52 Jurong Gateway Road #07-03 Singapore 608550	registrar@peb.gov.sg
9	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
15	Engineering & Operations Group Engineering	10 Jurong Town Hall Road The JTC Summit Singapore 609436	Calvin_CHUNG@jtc.gov.sg

No	Name of agency/organisation	Business Address	Addressee
	JTC Corporation		
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	1 Science Park Drive Singapore 118221	Ming-Yang.CHA@tuv-sud-psb.sg Emily.MOK@tuv-sud-psb.sg
21	Singapore Laboratory Services	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	President Singapore Sanitary Ware Importers & Exporters Association (SSWIEA)	61 Ubi Road 1 #02-02, Oxley Bizhub Singapore 408727	secretary@sswiea.org.sg
24	President Singapore Plumbing Society (SPS)	3027A Ubi Road 3 #01-94 Singapore 408656	secretary@plumbing.org.sg
25	SGS Testing & Control Services Singapore Pte Ltd	3 Toh Tuck Link #01-02/03 Singapore 596228	Christopher.Hee@sgs.com
26	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
27	Centre Testing International Pte Ltd	Blk 10 Ubi Crescent Ubi Techpark (Lobby B), #03-26 Singapore 408564	donquek@cti-cert.com
28	UL International - Singapore Pte Ltd	20 Kian Teck Lane #01-00PT Singapore 627854	AryanJosef.Basas@ul.com ChianHaw.Yong@ul.com