

PLEASE ADDRESS ANY CORRESPONDENCE TO WATER SUPPLY (NETWORK) DEPARTMENT

Your Ref :  
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To Water Fittings Suppliers, Professional Engineers and Licensed Plumbers

Dear Sir/Madam

## **PUB'S STIPULATION OF STANDARDS AND REQUIREMENTS FOR GASKETED MECHANICAL COUPLINGS FOR POTABLE WATER SERVICE INSTALLATIONS**

We wish to inform you that **with effect from 1 Dec 2020 (date of test report)**, only gasketed mechanical couplings for use in potable water service installations which have been tested to comply with ASTM F1476:2013 and met the requirements as stipulated by PUB in the attached **Appendix**, shall be allowed to be offered, displayed or advertised for supply for potable water service installations in Singapore.

2. Gasketed mechanical couplings which have been tested **before 1 Dec 2020 (date of test report)** to the stipulated standards in the **Appendix**, can be offered, displayed or advertised for supply for potable water service installations in Singapore. For full requirements, please refer to the "*PUB's Stipulation of Standards & Requirements for Water Fittings for Use in Potable Water Service Installations*" which is downloadable from PUB's website at [www.pub.gov.sg](http://www.pub.gov.sg).

3. 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](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 or the mark of the International Laboratory Accreditation Cooperation Mutual Recognition Arrangement (ILAC-MRA) respectively. Please note that PUB will not accept any test report issued by a testing laboratory (notwithstanding that the testing laboratory is accredited by the SAC or its MRA partners) if the test report or certificate does not bear the SAC-SINGLAS mark or the mark of the ILAC-MRA partner.

4. 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.

5. A copy of this circular is also downloadable from PUB's website at [www.pub.gov.sg](http://www.pub.gov.sg). Please disseminate this circular to your relevant staff, members, distributors, retailers and other industry partners for their information and compliance. If you have any queries concerning this circular or need further clarification or assistance, please do not hesitate to email to [pub\\_waterfittings@pub.gov.sg](mailto:pub_waterfittings@pub.gov.sg) or email to any of the officers listed below.

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Yours faithfully



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

Enclosed.

**cc Distribution (via email only)**

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## Appendix

**PUB'S STIPULATION OF STANDARDS AND REQUIREMENTS FOR GASKETED MECHANICAL COUPLINGS FOR POTABLE WATER SERVICE INSTALLATIONS**

Standards to comply with	Tests for gasketed mechanical couplings
ASTM F1476 : 2013	1) Pneumatic proof test 2) Vacuum proof test 3) Hydrostatic proof test 4) Flexibility proof test 5) Hydrostatic burst test 6) Rigidity proof test (if applicable) 7) Bending moment proof test (if applicable) 8) Bending moment ultimate test (if applicable)
BS EN 10088 Part 2 : 2014	9) Chemical composition for stainless steel casing and fasteners (minimum grade 304)
<p>Additional requirements to comply with:</p> <p>10) The couplings and its associated parts and materials shall also comply with the stipulation standards and requirements in Clause 4 of the <i>"PUB's Stipulation of Standards &amp; Requirements for Water Fittings for Use in Potable Water Service Installations"</i> which is downloadable from PUB's website at <a href="http://www.pub.gov.sg">www.pub.gov.sg</a>, where applicable.</p> <p>11) Suppliers who are submitting their gasketed mechanical couplings to accredited test laboratory for testing shall submit an original copy of written declaration from the manufacturer to declare the types of pipes and materials that the couplings are designed to be used for, in potable water service installations.</p> <p>12) Each coupling based on brand, model and size shall be tested. If the coupling is of the same brand, model and material, suppliers shall submit an original copy of the written declaration from the manufacturer to the accredited test laboratory to declare that the manufacturing process/treatment are the same and its parts, components and materials are from the same source for this group of couplings. Information of couplings in different sizes, if applicable, shall be clearly reflected in the test reports.</p>	