



水務署

Water Supplies Department

香港灣仔告士打道七號入境事務大樓

Immigration Tower, 7 Gloucester Road, Hong Kong

電子郵件

e-mail [wsdinfo@wsd.gov.hk](mailto:wsdinfo@wsd.gov.hk)

電話

Telephone 2829 4367

圖文傳真

Facsimile

2824 0578

檔號

Reference

(1) in WSD 3318/50 Pt.5 TJ9

19 October 2015

Distribution : To all Licensed Plumbers and Authorised Persons

Dear Sir/Madam,

**WSD Circular Letter No. 7/2015**  
**Revision of Application Forms and**  
**Pipes and fittings to be Installed in Plumbing Works**

Revision of Applications Forms

The following forms related to application for water supply are revised:-

- i. *Form WWO 132* – Application for Certificate regarding Water Supply Availability/Connection
- ii. *Form WWO 46* – Application for Constructing, Installing, Altering or Removing an Inside Service or Fire Service

Unless otherwise stated below, submission of the old version of *Form WWO 46* (version 6/2012a) Part I, II and Annex will not be accepted on or after 1 November 2015. For those plumbing works with any part of the Form WWO 46 (version 6/2012a) submitted before 1 November 2015, the same form can be used to complete the remaining procedures, provided that the submission has not been subsequently rejected by the Water Authority.

After the introduction of the above revised WWO Forms, all previous Circular Letters related to the above WWO Forms will be superseded. Highlights of the changes of the above Forms are included in Appendix.

Furthermore, according to WSD Circular Letter No. 2/2015, the pipes and fittings listed in the Annex to Form WWO 46 shall have a valid general acceptance/relevant certificate. As a transition arrangement until 1 April 2016, separate directories of accepted pipes and fittings for potable water supply system and non-potable water supply system are available in WSD's website:-

<http://www.wsd.gov.hk/en/plumbing-engineering/pipes-and-fittings-to-be-used-in-inside-service-or/index.html>

## Amendments to Hong Kong Waterworks Standard Requirements

To ensure consistency, the following clauses of “Hong Kong Waterworks Standard Requirements” are amended:

“ Clause 1.8, 2.8, 3.10 & 7.14

*Pipes made of ductile iron, unplasticized polyvinyl chloride (uPVC), lined galvanized steel, stainless steel, copper, polyethylene or polybutylene of approved grades may be used for a fresh water inside service. All uPVC pipes must be properly supported and shielded from direct sunrays and must be painted with white acrylic paint when exposed.*

Clause 5.11(b)

*an anti-vacuum valve or some other device to prevent heated water from being syphoned back to the supply pipe; and*

Clause 8.19

*All flushing water tanks and associated fittings and pipeworks etc. must be of salt water resistant materials, e.g. uPVC, vitreous earthenware, cast iron, gunmetal etc. to the approval of the Water Authority. All uPVC pipes must be properly supported and shielded from direct sunrays and must be painted with white acrylic paint when exposed.*

Clause 10.1

*The type of pipe materials to be used in an inside service shall be detailed in the plumbing proposal. All pipes and fittings shall comply with the version of the relevant British Standard listed out on WSD’s website.*

Clause 10.2

*The Licensed Plumber is required to fill in details of pipes and fittings to be used in the Annex to Form WWO 46:-*

- (i) All pipes intended to be used for the plumbing works covered by Form WWO 46 are required to be included in the Annex.*
- (ii) For fittings intended to be used for the plumbing works covered by Form WWO 46, those fittings listed in the WSD’s website need to be included in the Annex.”*

### Change of Pipes and Fittings in Annex to Form WWO 46

It has been found that some pipes and fittings installed on site are different from those listed in the approved Annex to *Form WWO 46*. You are thus reminded that any change to the previously approved pipes and fittings listed in Annex to *Form WWO 46* shall have the approval from the WA before installation.

Yours faithfully,

( Signed )

(LAM Ching Man)  
For Water Authority

Encl.

(with Chinese translation)

c.c.

Housing Department  
Buildings Department  
Architectural Services Department  
Fire Services Department  
The Hong Kong Housing Society  
The Hong Kong Institute of Architects  
The Hong Kong Institution of Engineers  
The Hong Kong Institute of Surveyors  
Hong Kong Federation of Plumbing & Drainage Ltd.  
The Institute of Plumbing and Heating Engineering – Hong Kong Council  
Hong Kong Plumbing and Sanitary Ware Trade Association Ltd.  
Hong Kong Licensed Plumbers Professionals Association Ltd.  
Hong Kong Plumbing General Union  
Hong Kong Water Works Professionals Association Ltd.  
The Hong Kong Institution of Plumbing and Drainage Ltd.  
The Association of Registered Fire Service Installation Contractors of Hong Kong Limited  
Real Estate Development Association of Hong Kong  
Plumbing Technology Student Association  
Hong Kong Institute of Vocational Education

WSD 3318/15/81

WSD 3608/9/27/95

WSD 3318/20/85

**Summary of the changes of Application Forms**

**Form WWO 132**

**Application for Certificate Regarding Water Supply Availability/Connection**

Major Revision:

The names of the Authorized Person (AP) and details of the proposed development may be made known to the general public.

**Form WWO 46**

**Application for Constructing, Installing, Altering or Removing an Inside Service or Fire Service**

Major Revision:

1. Plumbing works shall commence only after the Water Authority (WA)'s permission is obtained, i.e. Part III of *Form WWO 46* is issued by the WA. The previous arrangement of notifying the WA of the commencement of work before permission obtained is no longer applicable.
2. The data (including the name of Licensed Plumber (LP), AP, and details of the premises) may be made known to the general public.
3. If the LP is employed by a company/contractor, the LP should provide details of the company/contractor.
4. For any change to the pipes and fittings in the *Annex to Form WWO 46*, the LP, AP and the applicant should update and sign Parts I, II and Annex to *Form WWO 46* and submit the Form to the WA for approval before installation.
5. Part III and V of Form WWO 46 will be issued to LP, AP and applicant.
6. Water supply will be effected only when all the conditions listed in Part V of *Form WWO 46* are satisfied.
7. All pipes and fittings shall comply with the version of the relevant British Standards as listed out in WSD's website.  
[http://www.wsd.gov.hk/filemanager/tc/share/pdf/standards\\_for\\_pipes\\_and\\_fittings.pdf](http://www.wsd.gov.hk/filemanager/tc/share/pdf/standards_for_pipes_and_fittings.pdf)
8. The LP is required to fill in details of pipes and fittings to be used in the Annex to *Form WWO 46*:
  - (i) All pipes intended to be used for the plumbing works covered by *Form WWO 46* are required to be reported in the Annex.
  - (ii) For fittings intended to be used for the plumbing works covered by *Form WWO 46*, those fittings listed in the following WSD's website need to be reported in the Annex:-  
[http://www.wsd.gov.hk/filemanager/en/content\\_1137/annex\\_to\\_wwo46.pdf](http://www.wsd.gov.hk/filemanager/en/content_1137/annex_to_wwo46.pdf)