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Water Supplies Department

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Reference

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Distribution : To all Licensed Plumbers and Authorised Persons

Dear Sirs,

WSD Circular Letter No. 2/2007
Amendments to the Hong Kong Waterworks
Standard Requirements (HKWSR)

Your attention is drawn to the amendments to the HKWSR. The aim of this amendment is to ensure accuracy of the measurement of check meters.

- (i) The paragraph below is added to Chapter 1 Clause 1.4(k), Chapter 2 Clause 2.3(k), Chapter 3 Clause 3.2(k), Chapter 7 Clause 7.7(k), Chapter 8 Clause 8.9A and Chapter 9 Clause 9.5A

“For check meter of 100 diameter or smaller, a straight length of pipe of 5 x D (where D is the nominal bore of the meter) should be provided upstream of the check meter position and a straight length of pipe of 2 x D at downstream. For check meter of diameter larger than 100mm, the straight lengths upstream and downstream are 10 x D and 5 x D respectively.”

- (ii) The paragraphs and table below are added to Chapter 1 Clause 1.11(A) & 1.16(A), Chapter 2 Clause 2.11, Chapter 3 Clause 3.14, Chapter 7 Clause 7.10, Chapter 8 Clause 8.9B and Chapter 9 Clause 9.5B.

“The designer should provide minimum horizontally perpendicular and longitudinal working clearances at each check meter position. The table below stipulates the minimum horizontally perpendicular working clearance, meaning the shortest distance between the longitudinal centre line of the check meter position and a wall or any edge of a door when opened.

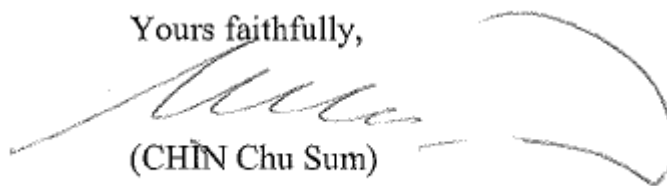
	Meter Size (mm)			
	40	50	80	100
Minimum horizontally perpendicular working clearance from the wall or any edge of a door when opened where the check meter position is clamped (Distance A as shown in the sketch) (mm)	310	310	380	400

The minimum longitudinal working clearance between both end of meter flanges of the check meter position and a wall or any obstruction should be 200mm. ”

A sketch showing the minimum horizontally perpendicular working clearance is attached for reference.

Should you have any queries, please contact our Engineer Mr. Alan WONG at Tel: No. 2089 4726.

Yours faithfully,



(CHIN Chu Sum)
for Water Authority

(with Chinese translation)

cc 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 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

檢測錶位的工作間隙

WORKING CLEARANCES FOR CHECK METER POSITION

