FAB

From: HI
Sent: Wednesday, January 08, 2003 9:52 AM
To: All
Subject: PUB - FLOW RATES AT WATER FITTING

Our Ref: OM-LA/002

8 January 2003

MEMORANDUM

To: All Staff

From: Andrew Loh

FLOW RATES AT WATER FITTINGS

As part of PUB's efforts to promote water conservation and conserve water resources, it has recently reviewed the flow rate requirements at water fittings.

Details of the flow rate requirements and date of implementation are as shown in the enclosed copy for your information.



PUB Flow Rates.pdf

Regards
Andrew Loh

/hi

Public Utilities Board

PLEASE ADDRESS ANY CORRESPONDENCE TO WATER DEPARTMENT

Your Ref:

Our Ref: WE 92413/30

Date: 17 Dec 2002

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Er Loh Chew Thong
Alpha Engineering Consultants
2 Alexandra Road #03-03
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Dear Sir

FLOW RATES AT WATER FITTINGS

As part of our on-going efforts to promote water conservation and conserve our water resources, PUB has reviewed the flow rate requirements at water fittings in consultation with various organizations involved. PUB has decided to lower the mandatory maximum flow rate requirements at water fittings. The existing and new maximum flow rate requirements at the various water fittings are given in the table below.

Area of Usage	Maximum Flow Rate		Remarks
	Existing	New	
Basin tap & Self-Closing Delayed Action Basin tap	8 litres/min	6 litres/min	For Self-Closing Delayed Action Basin tap, the timing shall remain at between 2 and 3 sec
Sink/kitchen tap and wash area	12 litres/min	8 litres/min	
Shower tap & Self-Closing Delayed Action Shower tap	12 litres/min	9 litres/min	For Self-Closing Delayed Action shower tap, the timing shall remain at between 13 and 15 sec
Other areas	12 litres/min	8 litres/min	

2 The above new maximum flow rate requirements shall apply to all premises including domestic and non-domestic premises. The maximum flow rate requirement for showers at hotels shall continue to be 12 litres/min. However, hotels are strongly encouraged to install low flow showerheads which give flow rates of not more than 9 litres/min. Non self-closing delayed action taps which do not meet the new maximum flow rate requirements must be installed with constant flow regulators to ensure that they comply with the new requirements.

3 The details of the implementation dates of the new maximum flow rates are as follows:

(a) Development Control Submissions for all new developments approved on or after 1 Jan 2003 must incorporate the use of water fittings complying with the new maximum flow rate requirements.

(b) From 1 Oct 2003, all premises undergoing renovations which involve the replacement of water fittings must be fitted with water fittings complying with the new maximum flow rate requirements.

(c) From 1 Oct 2004, only water fittings complying with the new maximum flow rate requirements can be installed in new and on-going building projects.

4 We would appreciate it very much if you could disseminate this information to your officers in your organisation and to remind them to comply with the new requirements.

5 Should you or your officers require further information or clarification, please do not hesitate to contact our officer, Mr Maurice Neo at Telephone No. 67313518.

Yours faithfully

MAJ(NS) NG HAN TONG
ASST DIRECTOR (CONSERVATION & INSPECTORATE)
for DIRECTOR
WATER DEPARTMENT