

Mandatory Use of Designated Products registered under Water Efficiency Labelling Scheme (WELS)



BACKGROUND

- ◆ **Implementation of Total Water Management Strategy by the Government of HKSAR in 2008**
- ◆ **Emphasis on containing water demand growth and strengthening water supply management**
- ◆ **Demand management – promote the use of water-saving devices**
- ◆ **Implementation of the voluntary Water Efficiency Labelling Scheme (WELS)**





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◆ Empower
strengthen

◆ Dem
savings

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of water-

ary Water
(WELS)



Water is a precious natural resource. The Government has formulated the Total Water Management Strategy for ensuring sustainable use of water resources. We appeal for the support and active participation of the community for the successful implementation of the measures. The strategy to prepare us for possible acute climate changes or low water availability is of paramount importance to engage our young generation, so that their effort will be well sustained.

Mr. Adil Loo Tai, JP
Director of Water Supplies



Total Water Management in Hong Kong
Towards Sustainable Use of Water Resources



The Government of the Hong Kong Special Administrative Region
Development Bureau





IMPLEMENTATION

- ◆ In phases for different products
- ◆ Sequence of launch:
 - ◆ Sept 2009: Showers for Bathing
 - ◆ Sept 2010: Water Taps
 - ◆ Mar 2011: Washing Machines
 - ◆ Mar 2012: Urinal Equipment
 - ◆ Aug 2014: Flow Controllers
- ◆ WELS Labels – to display the water efficiency, Grade 1 the most water efficient, Grade 4 the least





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用水效益標籤
Water Efficiency Label

Water Efficiency Labelling Scheme - Showers for Bathing

What is the voluntary Water Efficiency Labelling Scheme?

The Water Supplies Department (WSD) has launched the voluntary Water Efficiency Labelling Scheme (WELS) to help consumers select water efficient plumbing fixtures and appliances for water conservation. The scheme will be implemented in phases for different fixtures and appliances. The first product under the scheme is showers for bathing.

What does a water efficiency label look like?

There are two versions of the water efficiency label - the full and the simplified versions.

The full version shows the following details:

- 1 The water efficiency rating (1 to 4); different grades are shown with different colours. Grade 1 is the most water efficient (i.e. the most water saving).
- 2 Water droplets: the fewer droplets, the more water efficient.
- 3 The water consumption figure based on tests carried out by a recognised laboratory.

The simplified version shows only the water efficiency rating.

A registered shower shall have a full version label affixed to its body or packing. Suppliers may affix the smaller simplified version to the shower body.

What are the benefits of using water efficient showers and taking shorter showers?

A conventional shower uses about 15 to 20 litres of water per minute, while the most water efficient showers use just about 8 litres of water per minute or less. This represents about 50% to 60% of water saving. In addition, the less time you spend in the shower, the more water you save.

Further information

For more information about the scheme and water efficient showers, please visit WSD's website.

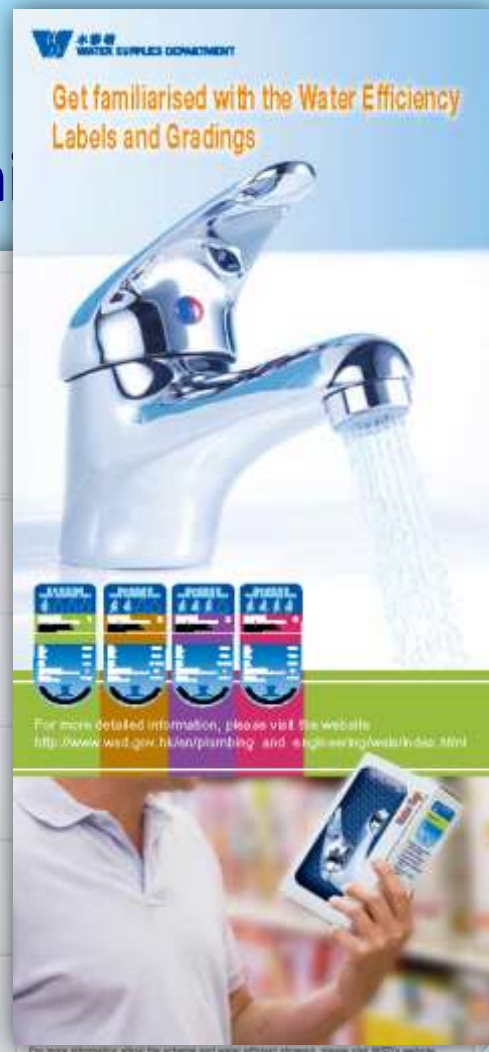
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OBJECTIVES

- ◆ Provide consumers with information on water consumption and thus water efficiency grading of plumbing fixtures & water-consuming appliances
- ◆ Help consumers select water efficient plumbing fixtures & water-consuming appliances
- ◆ Promote public awareness on water conservation and efficiency issues
- ◆ Achieve actual water savings





IMPLEMENTATION

Implementation in stages:

- ◆ **Stage 1 – All new buildings and those under major renovation (require the submission of Forms WWO542 and WWO46 for the Water Authority's approval (*tentative launch in late 2016*))**
- ◆ **Stage 2 – Legislative amendments such that the plumbing fixtures/water-consuming appliances for sale shall be registered under WELS**



OUTLINE OF PROPOSAL

- ◆ Annex to WWO46 should be listed with details of fittings to be installed for the Water Authority's approval
- ◆ Check against the updated WELS registers and lists of fittings with valid General Acceptance
- ◆ Compliance with water efficiency requirement:

<i>Type of products</i>	<i>Water efficiency</i>
Showers for bathing	Grade 1 or 2
Water taps (for use in kitchens)	Grade 1, 2 or 3
Water taps (for use in toilets)	Grade 1 or 2
Urinal flushing valves	Grade 1 or 2

OUTLINE OF PROPOSAL (CONT'D)

- ◆ Exemptions will be granted to special venues on a case-by-case basis, with justifications
- ◆ A grace period of 12 months will be allowed after the launch
- ◆ Amendment on the WSD publications – “Hong Kong Waterworks Standard Requirements for Plumbing Installation in Buildings” and “Handbook on Plumbing Installations for Buildings”
- ◆ Issue of the WSD Circular Letters





PROGRESS & PROGRAMME

- ◆ Engagement of consultant to carry out a Business Impact Assessment of the proposal to identify the compliance difficulties and compliance cost of the trade
- ◆ Consultations with stakeholders via “Focus Group Discussion” and “Face-to-face Interview”
- ◆ Assessment and verification of the feedbacks for necessary refinement of the proposal



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Thank you!