



# Water Efficient Product Labelling

GBI Professional Series

14<sup>th</sup> June 2014



# Water Efficient Product Labelling

## CEKAP AIR

*Water Efficient*




Jenama:  
Model:  
No. Pendaftaran:  
Penggunaan Air :



[www.span.gov.my](http://www.span.gov.my)

★	★★	★★★
<b>Cekap</b> <i>(Efficient)</i>	<b>Sangat Cekap</b> <i>(Highly Efficient)</i>	<b>Paling Cekap</b> <i>(Most Efficient)</i>

Penggunaan sebenar air mungkin berbeza dari keputusan ujian makmal  
*Actual water consumption may vary from test results*

## MyHijau by KETTHA

Green Labelling Schemes	Sectors	Logo	Scheme Developers/ Certification Body
SIRIM Eco Labelling Scheme	Manufacturing & Services		SIRIM QAS International Sdn. Bhd.
Malaysia Farm Certification Scheme for Good Agriculture Practice (SALM)	Agriculture		Department of Agriculture
Malaysia Organic Scheme (SOM)	Agriculture		Department of Agriculture
Malaysia Timber Certification Scheme (MTCS)	Forestry		Malaysia Timber Certification Council (MTCC)
Energy Efficiency Rating & Labelling Scheme	Energy		Energy Commission (ST)
Water Efficient Products Labelling Scheme	Water		National Water Services Commission (SPAN)

# WELPS Rating for Basin Taps and Mixers

Table 1: Conversion of water consumption to water efficiency rating for basin taps and mixers

Water Consumption <i>nominal flow rates (f) (l/min)</i>	Water Efficiency Grade	Rating	Symbol on Label
$6.0 < f \leq 8.0$	Efficient	1★	★
$4.0 < f \leq 6.0$	Highly Efficient	2★	★★
$1.5 < f \leq 4.0$	Most Efficient	3★	★★★

If tap equipment has an effective automatic shut-off device, its water efficiency rating is increased to the next higher rating.



# WELPS Rating for Sink Taps and Mixers

Table 2: Conversion of water consumption to water efficiency rating for sink taps and mixers

Water Consumption <i>nominal flow rates (f) (l/min)</i>	Water Efficiency Grade	Rating	Symbol on Label
$6.0 < f \leq 8.0$	Efficient	1★	★
$4.0 < f \leq 6.0$	Highly Efficient	2★	★★
$2.5 < f \leq 4.0$	Most Efficient	3★	★★★

# WELPS Rating for Shower Taps and Mixers

Table 3: Conversion of water consumption to water efficiency rating for shower taps and mixers

Water Consumption <i>nominal flow rates (f) (l/min)</i>	Water Efficiency Grade	Rating	Symbol on Label
$8.0 < f \leq 10.0$	Efficient	1★	★
$6.0 < f \leq 8.0$	Highly Efficient	2★	★★
$4.5 < f \leq 6.0$	Most Efficient	3★	★★★

# WELPS Rating for Ablution Taps and Mixers

Table 4: Conversion of water consumption to water efficiency rating for ablution taps and mixers

Water Consumption <i>nominal flow rates (f) (l/min)</i>	Water Efficiency Grade	Rating	Symbol on Label
$6.0 < f \leq 8.0$	Efficient	1★	★
$4.0 < f \leq 6.0$	Highly Efficient	2★	★★
$1.5 < f \leq 4.0$	Most Efficient	3★	★★★

# WELPS Rating for Water Closets

Table 5: Conversion of water consumption to water efficiency rating for water closet

Water Consumption <i>Flush volume per flush (fv) (litre/flush)</i>	Water Efficiency Grade	Rating	Symbol on Label
Full Flush $fv \leq 6.0$ Reduced Flush $fv \leq 3.5$	Efficient	1★	★
Full Flush $fv \leq 5.0$ Reduced Flush $fv \leq 3.0$	Highly Efficient	2★	★★
Full Flush $fv \leq 4.0$ Reduced Flush $fv \leq 2.5$	Most Efficient	3★	★★★

# WELPS Rating for Urinals

Table 6: Conversion of water consumption to water efficiency rating for urinal equipment

Water Consumption <i>Flush volume per flush (fv) (litre/flush)</i>	Water Efficiency Grade	Rating	Symbol on Label
$1.5 < fv \leq 2.5$	Efficient	1★	★
$1.0 < fv \leq 1.5$	Highly Efficient	2★	★★
$fv \leq 1.0$	Most Efficient	3★	★★★



# SPAN Website - Database



Suruhanjaya Perkhidmatan Air Negara  
National Water Services Commission

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**Notes : Full information can be viewed at details.**

No.	Suppliers Name	Application Date	Product	Brand	Model	Details
1	TJ Pottery Sdn Bhd	2013-03-14	Water Closet	Dolphin	ALPINE 730-208], [ANDES 3680], [ALPINE 2010], [VENIUS 1383], [HELENA 2112], [CASTILLO 720-206], [VENIUS 605-230], [ANDES 2028], [CASPIAN 1905]	<a href="#">View</a>
2	Rigel Technology (M) Sdn Bhd	2013-03-28	Water Closet	RIGE	[WC2126S], [WC9819S], [WC5085BP], [WO109S], [WP2913BF], [WP2913TF], [WP2915BF], [WO9011S], [WH2106BP], [WO3927S], [WP9010TS11], [WP9010BS11], [WP2915BPH], [WH9010BP], [WH8013BP], [WH5086BP], [WH5052BP], [WH5020BP], [WH2900BP], [WC9011F], [WC9010S], [WC8020S], [WC8013B], [WC7000S12],	<a href="#">View</a>
3	Rigel Technology (M) Sdn Bhd	2013-03-28	Water Closet	RIGE	[WOS9000S12], [WOS2126S]	<a href="#">View</a>
4	Niro Ceramics Sales & Services Sdn Bhd	2013-03-25	Water Closet	ORIN	[Monza CC], [Berlin WH], [Eudora CC], [Manchester CC], [Alsace 1P], [Alsace WH], [Cologne BTW], [Dorset CC], [Geneva 1P], [Geneva WH]	<a href="#">View</a>

# WELPS Label



**BIG**



**SMALL**

# WELS Label (Singapore, HK, Australia)





# WELS HK









Nominal Flow Rate : $f$ (litres/minute)	Water Efficiency Grade	Symbolic Presentation on the Water Efficiency Label
$f \leq 2.0$	Grade 1	1 water droplet 
$2.0 < f \leq 4.0$	Grade 2	2 water droplets 
$4.0 < f \leq 6.0$	Grade 3	3 water droplets 
$f > 6.0$	Grade 4	4 water droplets 

Table 2: Conversion of Nominal Flow Rates to Water Efficiency Grades for Mixing Type Water Taps

Nominal Flow Rate : $f$ (litres/minute)	Water Efficiency Grade	Symbolic Presentation on the Water Efficiency Label
$f \leq 5.0$	Grade 1	1 water droplet 
$5.0 < f \leq 7.0$	Grade 2	2 water droplets 
$7.0 < f \leq 9.0$	Grade 3	3 water droplets 
$f > 9.0$	Grade 4	4 water droplets 

Additional merit will be given to the water taps equipped with automatic open/close device or automatic closing mechanism and to the mixing type water taps achieving a nominal flow rate of not more than 2 litres/minute. The merit(s) is/are shown on the Label for public information.



**Thank You**

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