



PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SANITARY WARE SPECIFICATION SHEET

<p>Item Descriptions</p> <p>Dimensions</p> <p>Model</p> <p>Material/ White</p> <p>Manufacturer</p> <p>Source</p> <p>Contact Tel/Fax</p> <p>E-mail</p> <p>Website</p>	<p>Star (Thailand) "Uranus" Vitreous china wall hung urinal bowl tested on BS5520:1977 & BS3402:1969; test report J13000E-1 & J13000E-2; 1.5LPPF in WELS Grade 1; Registration No:1U 13-0001</p> <p>L250 x W305 x H415 mm</p> <p>S-6903</p> <p>Vitreous China/ White</p> <p>Star (Thailand)</p> <p>Ka Shing Enterprises (H.K) Limited Mr. Ivan Lau / Mr. GilmanYuen</p> <p>(852) 2628-0661 / (852) 2490-2700 kashing.project@gmail.com www.kashingehk.com</p>	<p>Illustration/ Drawing</p>  
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Note:

* All information of the above is for the reference only. No prior notice is made if any changes.

註冊號碼 (Registration No.): 1U 13-0001



自願參與用水效益標籤計劃 - 小便器用具
Voluntary Water Efficiency Labelling Scheme - Urinal Equipment

Certificate of Registration
註冊證書



茲證明
This is to certify that

將下列小便器用具在本計劃內註冊：
has registered the following urinal equipment under this scheme:

牌子 / Brand	:	Star
型號 / Model	:	S-6903
種類 / Category	:	1
原產地 / Country or Region Origin	:	Thailand

在用水效益標籤上展示的標誌 <i>Symbolic Presentation on the Water Efficiency Label</i>	:		滴水點 <i>Water droplet(s)</i>
用水效益級別 <i>Water Efficiency Grade</i>	:	1	
沖水量 <i>Water Flush Volume</i>	:	1.5	公升/循環 <i>litres/cycle</i>

簽發日期：
Date of Issue: 4 March 2013

 水務署
Water Supplies Department



水務署署長(黃國雄代行)
for Director of Water Supplies

上述小便器用具具有智能功能，並且能達至額外節省用水。
The above urinal equipment is operated with a smart demand operation to achieve additional water saving.



NUTEK SYSTEMS, LTD.

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TEST REPORT

TITLE : Testing of Urinal
OUR REFERENCE : J13000E-1
DESCRIPTION OF SAMPLE : Vitreous China wall hung urinal
SAMPLE SUBMITTED BY :

BRAND : STAR
COUNTRY OF ORIGIN : Thailand
MODEL : S-6903 (Uranus)
METHOD OF TESTS : BS5520: 1977 Dimensions
PERIOD OF TESTS : 21st July 2008

RESULTS: - (apply only to the sample tested)

DIMENSIONS (BS5520 Figure 1 and Table 1)

- all dimensions as shown below are in millimetres

		Sample	BS Requirement
Dimension from top of bowl to centre of water supply hole	A	not applicable	75 max.
Diameter of water supply hole	B	28.6	22 ±3
Centre of waste outlet from back of bowl	C	149.8	100 min.
Dimension of outlet of waste flange	D	not applicable	65 ±2
Diameter of waste outlet	E	52.6	50
Distance from underside of waste outlet to lowest point of rim	F	140.0	85 min.
Overall projection of bowl from back surface	G	304.5	380 max.
Distance from underside of waste outlet to top of bowl	H	417	600 max.
Width of bowl at widest point	J	245.3	400 max.
Depth of waste outlet	K	38.3	20

Date : 4th September 2008 Authorized signature : _____

Nutek Systems is a testing agency,
approved by the Water Authority and
Government Supplies Department, for
testing water supply fittings.

Samson W.K. Yiu

(Director)



TEST REPORT

TITLE : Testing of Urinal
 OUR REFERENCE : J13000E-2
 DESCRIPTION OF SAMPLE : Vitreous China wall hung urinal
 SAMPLE SUBMITTED BY :

BRAND : STAR
 COUNTRY OF ORIGIN : Thailand
 MODEL : S-6903 (Uranus)
 METHOD OF TESTS : BS3402: 1969
 PERIOD OF TESTS : 21st July to 15th August 2008

RESULTS: - (apply only to the sample tested)

1. WATER ABSORPTION (BS3402 : Cl.6 & App.A)

	Water absorption (%)	
	Sample	Acceptance standard
individual maximum value	0.315	0.75 max.
arithmetic mean	0.29	0.50 max.

Remark : Pass

2. CRAZING TEST (BS3402 Cl.7 & App.B)

	Saturated steam pressure (MN/m ²)	Duration (hour)	Sign of crazing
Sample	0.34	10	Nil
Acceptance standard	0.33 – 0.35	10	Nil

Remark : Pass; none of the test piece showed crazing.

3. CHEMICAL RESISTANCE TEST (BS3402 Cl.8 & App.C)

Chemical	Strength of solution (%)	Temperature (°C)	Immersion period (hour)	Loss of reflectivity on the glaze	
				Sample	Acceptance standard
Acetic acid	10	100	16	Nil	Nil
Citric acid	10	100	16	Nil	Nil
Detergent	BS3402 table 4 note 1	60	48	Nil	Nil
Hydrochloric acid	BS3402 table 4 note 2	20	48	Nil	Nil
Sodium hydroxide	5	60	0.5	Nil	Nil
Sodium stearate	0.15	60	48	Nil	Nil
Sulphuric acid	3	100	16	Nil	Nil

Remark : Pass



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TEST REPORT

OUR REFERENCE NO. J13000E-2 (P.2)

4. RESISTANCE TO STAINING AND BURNING (BS3402 Cl.9 & App.D)

	Chemicals	Stain remained on test piece	
		Sample	Acceptance standard
Chemical treatment	methylene blue	Nil	Nil
	sodium hypochlorite	Nil	Nil
	hydrogen peroxide	Nil	Nil
	amyl acetate	Nil	Nil
	carbon tetrachloride	Nil	Nil
	iodine in ethanol	Nil	Nil
Cigarette treatment		Nil	Nil


Remark : Pass

5. SUMMARY OF RESULTS (apply only to the sample tested)

Water absorption - C
Crazing - C
Chemical resistance - C
Resistance to staining and burning - C

(C - in compliance with BS3402.)

Date : 4th September 2008 Authorized signature : _____


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