
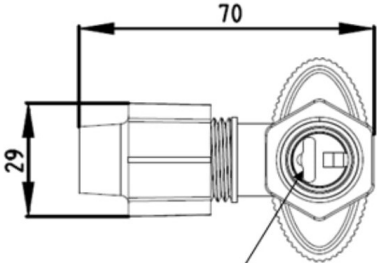
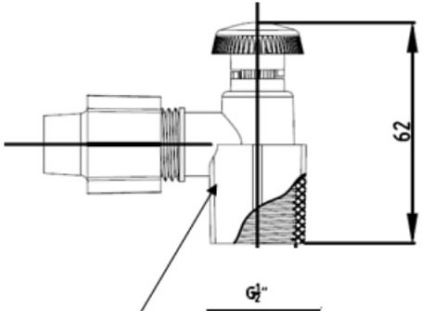




PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SANITARY WARE SPECIFICATION SHEET

<p>Item Descriptions</p> <p>Model</p> <p>Material</p> <p>Manufacturer</p> <p>Source</p> <p>Contact Tel/Fax</p> <p>E-mail</p> <p>Website</p>	<p>Kita (PRC) ½" plastic angle valve; complied with BS EN200:2008; test report J 23566</p> <p>CP-50</p> <p>Plastic</p> <p>Kita (PRC)</p> <p>Ka Shing Enterprises (H.K) Limited Mr. Ivan Lau / Mr. GilmanYuen</p> <p>(852) 2498-0626 / (852) 2490-2700</p> <p>kashing.project@gmail.com</p> <p>www.kashingehk.com</p>	<p style="text-align: center;">Illustration/ Drawing</p> <div style="text-align: center;">  </div> <div style="text-align: center;">  <p>Material of Cartridge: EPDM RUBBER (三元乙丙橡胶)</p> </div> <div style="text-align: center;">  <p>Material of Body: POM PLASTIC (聚甲醛)</p> </div>
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Note:

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



水務署
Water Supplies Department

總部 Headquarters

香港灣仔告士打道七號入境事務大樓 48 樓

48/F, Immigration Tower, 7 Gloucester Road, Wan Chai, Hong Kong

本署檔號 : (4) in WSD 3321/19 T/J(696/2019)
Our ref.
來函檔號 :
Your ref.

電話 :
Tel.
傳真 : 2824 0578
Fax.

7 November 2019



Approval of "KITA" Angle Valve
(General Acceptance No. C20190543F)

Your letter dated 4 July 2019 and subsequent submission received by this department on 29 August 2019 refer.

Having considered the test report ref. J23566 issued on 7 May 2019 by Nutek Systems (HK) Limited, this Authority accepts that the fitting described below complies with, and its use when correctly installed does not contravene, the Waterworks Ordinance and Regulations.

Name of Manufacturer: Zhongshan City Xiaolan Town Xinjiahua Plastics Factory
Country of Origin: the Mainland of China
Brand: Kita
Details of Fitting: 1/2" Plastic angle valve
Model: CP-50
Body Markings: **KITA**
Expiry Date: 28 April 2024



Proviso: As the fitting has not been tested for use in contact with water intended for human consumption, the fitting can only be used in flushing water plumbing system.

This Authority hereby permits the use of the above fitting in flushing water plumbing systems subject to full adherence to Waterworks installation requirements.

A condition of this acceptance is that the fitting to be installed shall be replicas of the sample as certified by the testing agent mentioned above and without modifications. This acceptance may be withdrawn at any time if the standard of the fitting installed fails to meet that of the approved sample or if the fitting is found to be unsuitable for use in flushing water plumbing systems.

For the use of the fitting in any project, the General Acceptance Number of this letter must be quoted as a means of identification of acceptance of the fitting by this Authority.

Should you have any enquiries, please contact our Engineer Mr. Terry KUNG at tel. no. 3583 4086.

Yours faithfully,



(CHAN Chung-kun)

for Director of Water Supplies

Encl.

c.c. WSD 3321/1/82] - without catalogue
 ME/MC] - with soft copy only



Nutek Systems

Nutek Systems (HK) Limited, Unit B, 13/F., Block A, Universal Industrial Centre, 23-25 Shan Mei Street, FO TAN, N.T., HONG KONG
Tel: +852 2605 5736 Fax: +852 2692 0798 info@nuteksystems.com www.nuteksystems.com

Test Report

Test

Title : Testing of Single or Combination Sanitary Tapware
Method : BS EN 200: 2008
Nutek ref. : J 23566
Completion : 10 Apr., 2019 to 29 Apr., 2019

Applicant (Information below provided by client)

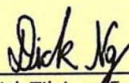
Name : _____
Address : _____

Sample (Information below provided by client)

Brand : KITA
Model : CP-50
Body marking : **KITA**

Manufacturer : Zhongshan city Xiaolan Town Xinjiahua Plastics Factory
Origin : China
Description : ½" plastic angle valve

Approved Signatory

Signature : 
Name (title) : Ng Dick Tik Lund(Engineer)
Date : 07 May, 2019

**Nutek Systems is a testing agency,
accepted by the Water Supplies
Department, for testing water supply
fittings.**



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JOB REFERENCE : J 23566

Summary

Test	Remark
1 Dimensions	C
2.1 Leaktightness of the obturator and of the tap upstream of the obturator(s)	C
2.2 Leaktightness of the tap downstream of the obturator(s)	C
3.1 Mechanical behaviour upstream of the obturator - Obturator in the closed position	C
3.2 Mechanical behaviour downstream of the obturator - Obturator in the open position	C
4.1 Flow rate (Type 1)	N
4.2 Flow rate (Type 2)	N
5.1 Metal extraction from Body (no adverse physical effect on or hazard to human beings)	C
5.2 Metal extraction from Cartridge (no adverse physical effect on or hazard to human beings)	C
5.3 Metal extraction from Connector (no adverse physical effect on or hazard to human beings)	C

Results (apply only to samples tested)

1 Dimensions

BS EN 200:2008 Cl. 6

ID	Variable	Unit	Measured	Required	Remark
1	Nominal size	in	½	½	C
	Body thickness	mm	2.8	N	N
	Seat bore	mm	5.2	N	N
	Vertical distance from the lowest point of the outlet orifice to the mounting surface	mm	28.8	≥ 25	C
Overall result					C

2.1 Leaktightness of the obturator and of the tap upstream of the obturator(s)

BS EN 200:2008 Cl. 8.3

ID	Variable	Unit	Measured	Required	Remark
1	Static pressure	bar	16	16 ± 0.5	C
	Duration	s	60	60 ± 5	C
	Leakage	---	No	No	C
Overall result					C



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JOB REFERENCE : J 23566

2.2 Leaktightness of the tap downstream of the obturator(s)

BS EN 200:2008 Cl. 8.4

ID	Variable	Unit	Measured	Required	Remark
High pressure	Static pressure	bar	4	4 ± 0.2	C
	Duration	s	60	60 ± 5	C
	Leakage	---	No	No	C
Low pressure	Static pressure	bar	0.2	0.2 ± 0.02	C
	Duration	s	60	60 ± 5	C
	Leakage	---	No	No	C
Overall result					C

3.1 Mechanical behaviour upstream of the obturator - Obturator in the closed position

BS EN 200:2008 Cl. 9.4

ID	Variable	Unit	Measured	Required	Remark
1	Static pressure	bar	25	25 ± 0.5	C
	Duration	s	60	60 ± 5	C
	Permanent deformation	---	No	No	C
Overall result					C

3.2 Mechanical behaviour downstream of the obturator - Obturator in the open position

BS EN 200:2008 Cl. 9.5

ID	Variable	Unit	Measured	Required	Remark
1	Flow rate	l/s	0.4	0.4 ± 0.04	C
	Duration	s	60	60 ± 5	C
	Permanent deformation	---	No	No	C
Overall result					C

4.1 Flow rate (Type 1)

BS EN 200:2008 Cl. 10.2

ID	Variable	Unit	Measured	Required	Remark
1	Dynamic pressure	bar	3	3 ± 0.2	C
	Flow rate	l/s	0.462	N	N
Overall result					N

Note:

- WSD has waived the minimum flow rate requirement per WSD Circular Letter No. 1/2010.



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JOB REFERENCE : J 23566

4.2 Flow rate (Type 2)

BS EN 200:2008 Cl. 10.2

ID	Variable	Unit	Measured	Required	Remark
1	Dynamic pressure	bar	0.1	0.1 ± 0.02	C
	Flow rate	l/s	0.088	N	N
Overall result					N

Note:

- WSD has waived the minimum flow rate requirement per WSD Circular Letter No. 1/2010.

5.1 Metal extraction from Body (no adverse physical effect on or hazard to human beings)

In-house method

ID	Variable	Unit	Measured	Required	Remark
Body	Arsenic	µg/l	< 1.5	≤ 10	C
	Lead	µg/l	< 2	≤ 10	C
	Cadmium	µg/l	< 1	≤ 3	C
	Chromium	µg/l	< 2	≤ 50	C
	Selenium	µg/l	< 2	≤ 40	C
	Nickel	µg/l	< 2	≤ 70	C
Overall result					C

5.2 Metal extraction from Cartridge (no adverse physical effect on or hazard to human beings)

In-house method

ID	Variable	Unit	Measured	Required	Remark
Cartridge	Arsenic	µg/l	< 1.5	≤ 10	C
	Lead	µg/l	< 2	≤ 10	C
	Cadmium	µg/l	< 1	≤ 3	C
	Chromium	µg/l	< 2	≤ 50	C
	Selenium	µg/l	< 2	≤ 40	C
	Nickel	µg/l	< 2	≤ 70	C
Overall result					C



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JOB REFERENCE : J 23566

5.3 Metal extraction from Connector (no adverse physical effect on or hazard to human beings)

In-house method

ID	Variable	Unit	Measured	Required	Remark
Connector	Arsenic	µg/l	< 1.5	≤ 10	C
	Lead	µg/l	< 2	≤ 10	C
	Cadmium	µg/l	< 1	≤ 3	C
	Chromium	µg/l	< 2	≤ 50	C
	Selenium	µg/l	< 2	≤ 40	C
	Nickel	µg/l	< 2	≤ 70	C
Overall result					C

Notes :

- Metals are extracted by immersing the component in boiling deionized water for five minutes.
- Requirements are based on WHO Guidelines for Drinking Water Quality Fourth Edition: 2011.

Remark :

- No electroplating materials were observed on the internal water passage surfaces of the sample under a non-destructive and unaided visual inspection.



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Figure 1 - Sample

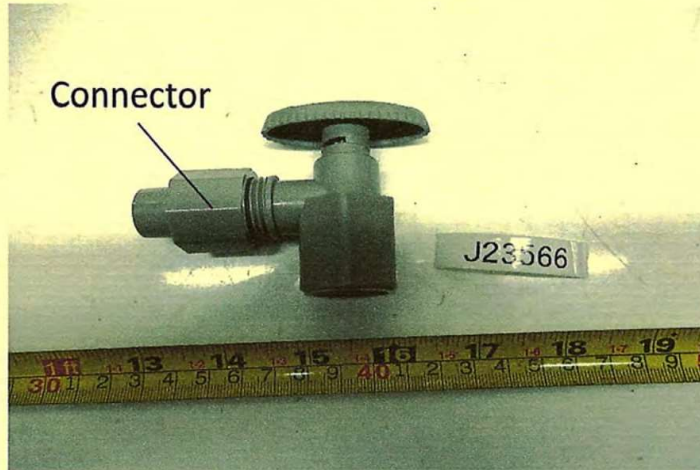
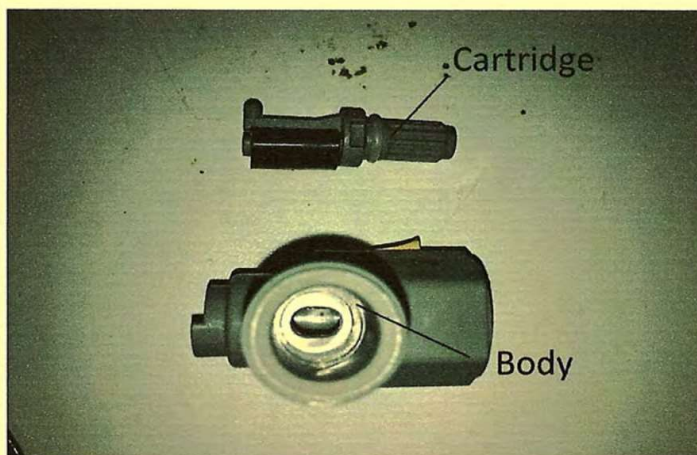


Figure 2 - Seat bore





Nutek Systems

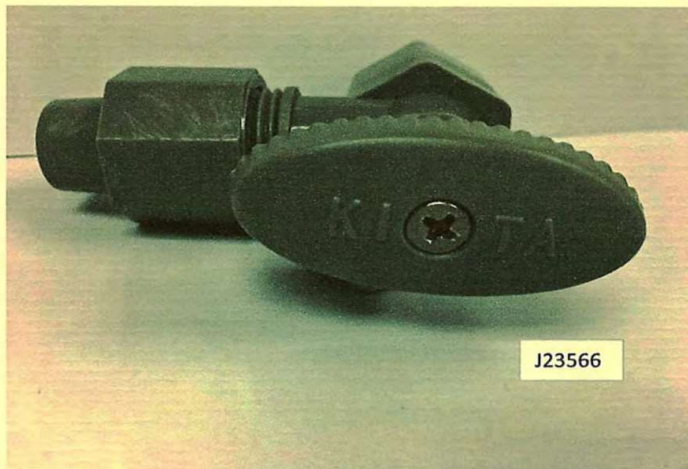
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Figure 3 - Surface of internal water passage



Figure 4 - Body marking





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General Note(s)

Definitions:

C - conformance

N - no requirement

NC - non-conformance

R - remainder

Organizations:

HKAS - Hong Kong Accreditation Service

HOKLAS - Hong Kong Laboratory Accreditation Scheme

WSD - Water Supplies Department (of Hong Kong)

WHO - World Health Organization

- End of report -