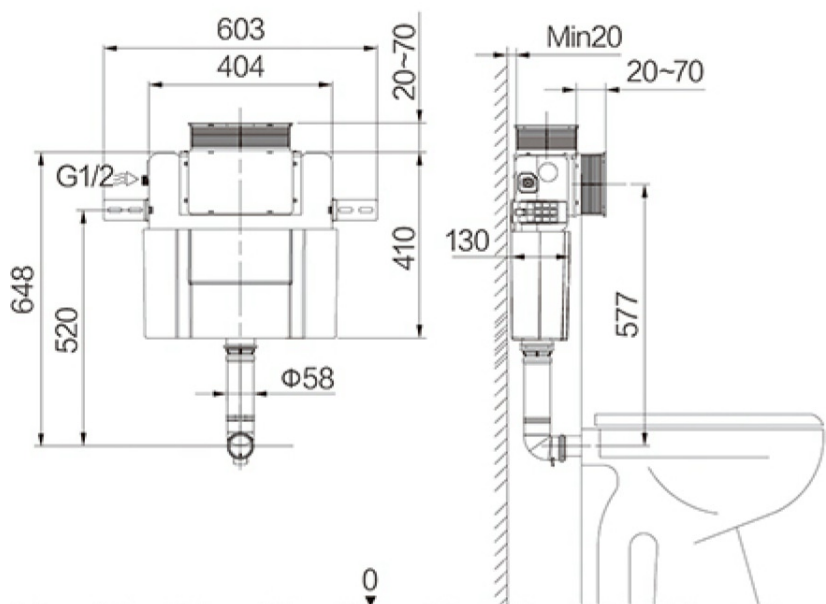




Brand : WDI
 Model : K210Q-D01
 Color :
 Size :
 Description : Pneumatic Concealed Cistern, split type for floor standing toilet
 Origin : PRC
 Remarks : HKWSD Approved: C20180702F & C20220588F+ WELS in Grade 1

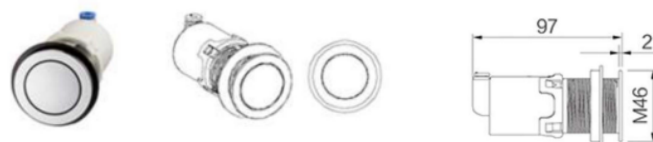
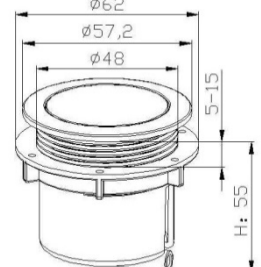
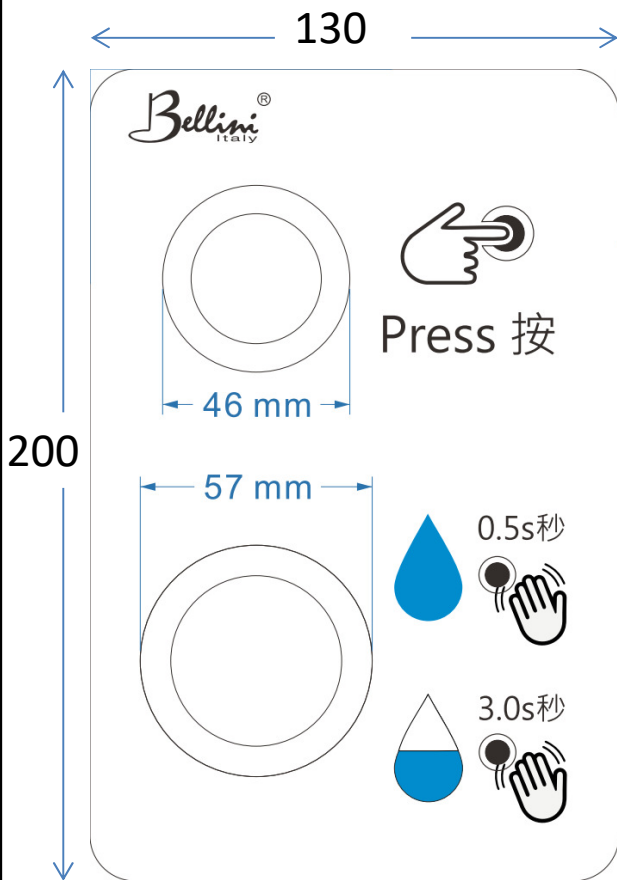




Brand : Bellini / WDI
 Model : GL8166/K5911
 Color : Black + Chrome
 Size :
 Description : K5911 - Button , material : ABS , Color : Matt black
 GL8166 - WC Sensor
 Origin : PRC
 Remarks :



316 不銹鋼指示牌



B3210 Fill valve



K4030-Q Pneumatic
Flush valve





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 3321/18 Pt.1 T/J(1016)
Our ref.
來函檔號 :
Your ref.

電話 :
Tel.
傳真 : 2824 0578
Fax.

23 October 2018

Dear Madam,

**Approval of "WDI" Float Operated Valve
(General Acceptance No. C20180702F)**

Your letters both ref. 18-B3210D dated 31 August 2018 and 19 September 2018 refer.

Having considered the test report ref. J23069 issued on 14 August 2018 by Nutek Systems (HK) Ltd., 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: WDI (Xiamen) Technology Inc

Country of Origin: China

Brand: WDI

Details of Fitting: 3/8" Plastic float operated valve

Model: B3210-D

Body Markings: WDI

Expiry Date: 13 August 2023



香港環境保護署
Water Supplies Department



10 years
careing organisation
Awarded by The Hong Kong Council of Social Service
No. 21-123398-02-001

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. In particular, you are required to draw your customers' attention to the following requirement-

"The flushing volume of the flushing valve should be adjusted to suit the design of the toilet bowl so that wastes can be cleared effectively by a single flush."

"The maximum flushing cistern volume including that of dual flush cisterns for use in conjunction with the fittings shall not exceed 7.5 litres per flush."

"The fitting should be used within the range of working pressures specified by the manufacturer." AND

"The installed fitting should not result in backflow of water that will contaminate the flushing water supply."

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

General Acceptance No. C20180702F



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 : (6) in WSD 3321/2022 T/J(495/2022)
Our ref.
來函檔號 :
Your ref.

電話 :
Tel.
傳真 : 2824 0578
Fax.

29 June 2022

**Approval of “WDI” Flush Valve
(General Acceptance No. C20220588F)**

Your letter ref. K4030-Q dated 3 May 2022 and subsequent submissions received by this department up to 9 June 2022 refer.

Having considered the test report ref. J27623 issued on 17 March 2022 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: ECO (Xiamen) Technology Inc
Country of Origin: the Mainland of China
Brand: WDI
Details of Fitting: 2" Plastic dual flush valve
Model: K4030-Q
Body Markings: WDI K4030
Expiry Date: 7 March 2027



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 systems.

This Authority hereby permits the use of the above fitting in flushing water plumbing systems subject to full adherence to Waterworks installation requirements. In particular, you are required to draw your customers' attention to the following requirement-

"The flushing volume of the flushing valve should be adjusted to suit the design of the toilet bowl so that wastes can be cleared effectively by a single flush."

"The fitting should be used within the range of working pressures specified by the manufacturer." AND

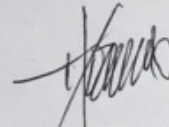
"The installed fitting should not result in backflow of water that will contaminate the flushing water supply."

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 Ms Winnie LO at tel. no. 3583 4086.

Yours faithfully,



(YAU Hau Yin)

for Director of Water Supplies

Encl.

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



自願參與用水效益標籤計劃 - 水廁
Voluntary Water Efficiency Labelling Scheme - Water Closets

Certificate of Registration 註冊證書


茲證明

This is to certify that

ECO (Xiamen) Technology Inc.

將下列水廁在本計劃內註冊：
has registered the following water closet under this scheme :

| | | |
|--------------------------------|---|-------------------------------------|
| 牌子 / Brand | : | WDI |
| 型號 / Model | : | K210Q + K4030-Q |
| 種類 / Category | : | Water Closet Cistern |
| 原產地 / Country or Region Origin | : | China (WC Cistern & Flushing Valve) |

| | | | |
|---|---|---|------------------------------|
| 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 | |
| 全沖水量 <i>Water Flush Volume (Full)</i> | : | 4.7 | 公升/沖廁 <i>litres/flush</i> |
| 低沖水量 <i>Water Flush Volume (Reduced)</i> | : | 3.0 | 公升/沖廁 <i>litres/flush</i> |

簽發日期:
Date of Issue: 9 September 2020

 水務署
Water Supplies Department



水務署署長(葉哲奇代行)
for Director of Water Supplies

+ 上述水廁具額外節水功能，即：重用洗盥水作沖廁用途。
The above water closet is equipped with additional water saving feature, that is: re-use the water collected from wash basin for flushing purpose.



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 3321/5/20/20 Pt.1 T/J(98)
Our ref.
來函檔號 :
Your ref.

電話 :
Tel.
傳真 : 2824 0578
Fax.

9 September 2020

WDI Technology Company Limited
Room 1504, Kwai Cheong Center,
40-52 Kwai Cheong Road, Kwai Chung, Hong Kong
(Attn.: Ms. Heidi)

Dear Heidi,

**The Water Efficiency Labelling Scheme (WELS)
on Water Closets
Acceptance of Application for Registration**

With reference to your letter ref. J25236-1(K210Q) received by us on 26 June 2020 and email dated on 13 August 2020 & 26 August 2020, I am pleased to inform you that your application for the registration of water closet to the captioned scheme ----- has been accepted and the certificate of registration is attached for your retention. The registration information is as follows:

| Brand | Model no. | Type | Country/ Region of origin | Registration no. | Water efficiency grade | Water flush volume (full) (litres/flush) | Water flush volume (reduced) (litres/flush) |
|-------|-----------------------|----------------------------|---|---------------------|------------------------------|---|--|
| WDI | K210Q + K4030-Q | Water Closet Cistern | China (WC Cistern) China (Flushing Valve)* | WC 20-0103 | 1 | 4.7 | 3.0 |

*GA acceptance reference no. C20180053F

You are reminded of the requirements to affix the water efficiency labels onto the above water closet/its packaging in accordance with Section 7 of the Scheme



Document of the captioned scheme. Soft copies of such labels will be issued to you separately.

As part of the conditions of our acceptance, your attention is drawn to Sections 9.10, 10 and 11 of the Scheme Document respectively for the requirements of the participant's obligations, legal provisions as well as compliance monitoring and inspection. The Scheme Document can be downloaded from our website:

https://www.wsd.gov.hk/filemanager/en/content_1786/scheme_document_water_closets.pdf

Should you have any queries on the above, please contact our Ms Tracy LEUNG at telephone no. 2829 4495.

Yours sincerely,



(IP Chit Ki)

for Director of Water Supplies

Encl.



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 WC

Method : The Hong Kong Water Efficiency Labelling Scheme on Water Closets (May 2018)
& BS EN 997: 2012 + A1: 2015

Report No. : J 25236

Completion : 30 Mar., 2020

Applicant (Information provided by client)

Name : ECO(XIAMEN) TECHNOLOGY INC.

Address : No.2, Xiaofei East Road, Haicang District, Xiamen

Sample (Information provided by client)

Description : Concealed cistern

| | Cistern | Flush Valve |
|----------------|-----------------------------|-----------------------------|
| Brand : | WDI | WDI |
| Model : | K210Q-D | K4030-Q |
| Body Marking : | WDI | WDI |
| Manufacturer : | ECO(XIAMEN) TECHNOLOGY INC. | ECO(XIAMEN) TECHNOLOGY INC. |
| Origin : | CHINA | CHINA |

Approved Signatory

Signature : _____

Name (title) : Hing Kah Kuin (Engineer)

Date : 24 Apr., 2020

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



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

REPORT NO.: J 25236

Summary

| Test | Remark |
|---------------------------------------|--------|
| 1.1 Flush Volume Test - Full Flush | N |
| 1.2 Flush Volume Test - Reduced Flush | C |

Results (apply only to samples tested)

1.1 Flush Volume Test - Full Flush

*The Voluntary WELS on Water Closets, May 2018, Annex 1, Section I,
BS EN 997: 2012 + A1: 2015 Cl. 6.5.1 & 6.17.3*

| ID | Variable | Flush cycle | Measured | Average | Required | Remark |
|----------------|------------------|-------------|----------|---------|----------|--------|
| 1 | Flush Volume (l) | 1st | 4.70 | 4.7 | N | N |
| | | 2nd | 4.70 | | | N |
| | | 3rd | 4.70 | | | N |
| | | 4th | 4.70 | | | N |
| | | 5th | 4.70 | | | N |
| Overall result | | | | | | N |

1.2 Flush Volume Test - Reduced Flush

*The Voluntary WELS on Water Closets, May 2018, Annex 1, Section I,
BS EN 997: 2012 + A1: 2015 Cl. 6.5.2 & 6.17.3*

| ID | Variable | Flush cycle | Measured | Average | Required | Remark |
|----------------|------------------|-------------|----------|---------|----------|--------|
| 1 | Flush Volume (l) | 1st | 3.00 | 3.0 | ≤ 3.1 | C |
| | | 2nd | 3.05 | | | C |
| | | 3rd | 3.00 | | | C |
| | | 4th | 3.00 | | | C |
| | | 5th | 3.00 | | | C |
| Overall result | | | | | | C |

Note :

Reduced flush volume ≤ two-third of full flush volume

| Grade | Water flush volume per cycle (l) | | |
|------------------------|----------------------------------|---------------|---|
| | Full | Reduced | |
| 1 | 4.5 ≤ f ≤ 4.8 | 3.0 ≤ f ≤ 3.2 | |
| 2 | 4.8 < f ≤ 6.5 | 3.0 < f ≤ 3.5 | |
| 3 | 4.5 < f ≤ 6.5 | Not specified | |
| 4 | 6.5 < f ≤ 15.0 | Not specified | |
| Water Efficiency Grade | | | 1 |



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

REPORT NO.: J 25236

Figure 1 - Front View

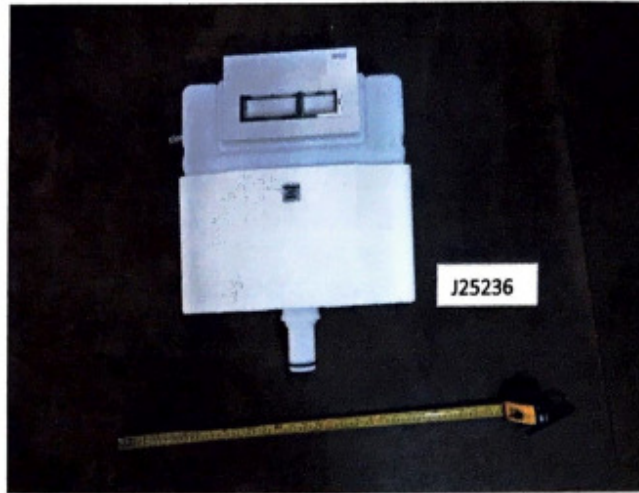
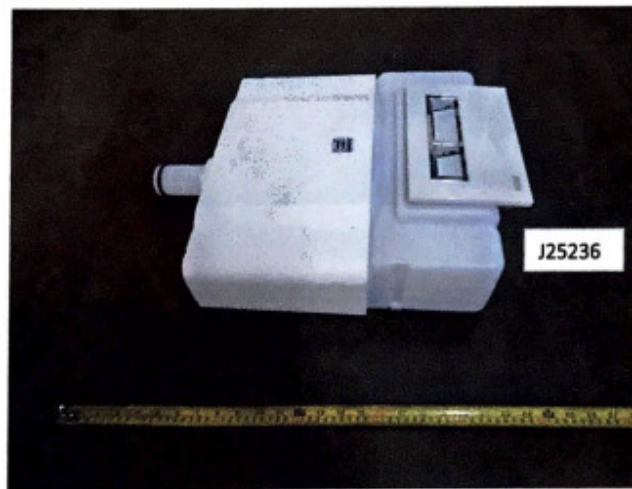


Figure 2 - Side View



Test Report

Test

Title : Testing of Flush Valve

Method : BS EN 997: 2012 + A1: 2015

Report No. : J 27623

Completion : 14 Feb., 2022 to 08 Mar., 2022

Applicant (Information provided by client)

Name : ECO (XIAMEN) TECHNOLOGY INC.

Address : No.2, Xiafei East Road, Haicang District, Xiamen

Sample (Information provided by client)

Brand : WDI

Model : K4030-Q

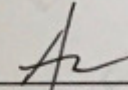
Body Marking : WDI

K4030

Manufacturer : I

Origin : CHINA

Description : 2" Flush valve

Approved SignatorySignature : 

Name (title) : Chung Siu Yu, Alan (Engineer)

Date : 17/Mar., 2022

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

Summary

| Test | Remark |
|---|--------|
| 1 Dimensions of Flush Valve | C |
| 2 Flush Volume and Rate | C |
| 3 Physical endurance and leakage of flushing device | C |

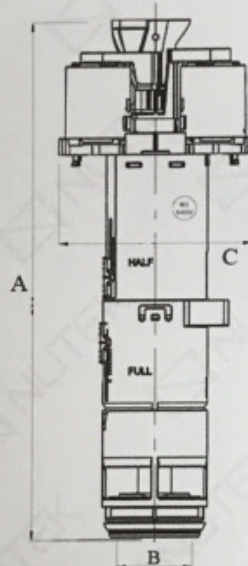
Note :

The valve is suitable for saltwater applications

Results (apply only to samples tested)

1 Dimensions of Flush Valve

Manufacturer requirement



| ID | Variable | Unit | Measured | Required | Remark |
|----------------|--------------|------|----------|----------|--------|
| 1 | Nominal Size | in | 2 | 2 | C |
| | A | mm | 293.0 | 293 ± 2 | C |
| | B | | 45.0 | 45 ± 2 | C |
| | C | | 110.0 | 111 ± 2 | C |
| Overall result | | | | | C |

2 Flush Volume and Rate

BS EN 997: 2012 + A1: 2015 Cl. 6.5 & 6.6

| ID | Variable | Unit | Measured | Required | Remark |
|----------------|--------------------------|------|----------|----------|--------|
| 1 | Flush Volume (Full) | l | 5.0 | ≤ 6.0 | C |
| | Flush Volume (Reduced) | | 2.9 | ≤ 3.3 | C |
| 2 | Flush duration (Full) | s | 1.87 | N | N |
| | Flush Duration (Reduced) | | 0.84 | N | N |
| 3 | Flush Rate (Full) | l/s | 2.14 | ≥ 1.85 | C |
| | Flush Rate (Reduced) | | 1.71 | ≥ 1.6 | C |
| Overall result | | | | | C |

3 Physical endurance and leakage of flushing device

BS EN 997: 2012 + A1: 2015 Cl. 6.7

| ID | Variable | Unit | Measured | Required | Remark |
|----|------------------------|------|----------|-------------|--------|
| 1 | Pressure | Mpa | 0.15 | 0.15 ± 0.01 | C |
| 2 | Hardness of test water | ppm | 230 | 230 ± 20 | C |

Overall result

| Accumulated cycles completed | Type of test | Sign of leakage | Remark |
|------------------------------|-----------------|-----------------|--------|
| 1 | Long term test | No leakage | C |
| 2 | Short term test | No leakage | C |
| 5 | Short term test | No leakage | C |
| 10 | Short term test | No leakage | C |
| 50 | Short term test | No leakage | C |
| 100 | Short term test | No leakage | C |
| 500 | Short term test | No leakage | C |
| 1000 | Short term test | No leakage | C |
| 10000 | Short term test | No leakage | C |
| 20000 | Short term test | No leakage | C |
| 30000 | Short term test | No leakage | C |
| 40000 | Short term test | No leakage | C |
| 50000 | Short term test | No leakage | C |
| 60000 | Short term test | No leakage | C |
| 70000 | Short term test | No leakage | C |
| 80000 | Short term test | No leakage | C |
| 90000 | Short term test | No leakage | C |
| 100000 | Short term test | No leakage | C |
| 110000 | Short term test | No leakage | C |
| 120000 | Short term test | No leakage | C |
| 130000 | Short term test | No leakage | C |
| 140000 | Short term test | No leakage | C |
| 150000 | Short term test | No leakage | C |
| 160000 | Short term test | No leakage | C |
| 170000 | Short term test | No leakage | C |
| 180000 | Short term test | No leakage | C |
| 190000 | Short term test | No leakage | C |
| 200000 | Long term test | No leakage | C |

| ID | Variable | Measured | Required | Remark |
|----|------------------------|----------|----------|--------|
| 1 | Instance(s) of leakage | 0 | < 2 | C |

Overall result

Note:

All parts of the sample showed no sign of failure, damage or permanent distortion.

REPORT NO.: J 27623

Figure 1 - Sample

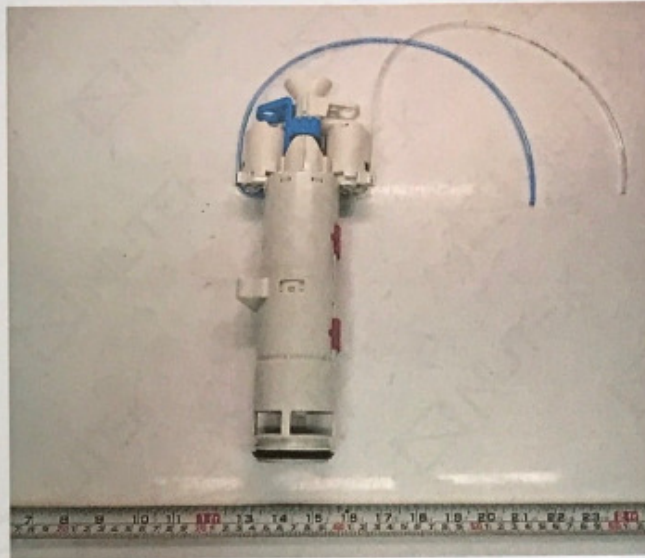


Figure 2 - Body marking



General Note(s)

Definitions:

C - conformance

N - no requirement

NC - non-conformance

R - remainder

Organizations:

WSD - Water Supplies Department (of Hong Kong)

WHO - World Health Organization

- End of report -