

Voluntary Labelling Scheme for Drinking Devices – Drinking Water Dispensers and Filters

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Homepage: <http://www.wsd.gov.hk>

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1. Purpose

This document is intended to give a detailed description of the Voluntary Labelling Scheme for Drinking Devices – Drinking Water Dispensers and Filters, which is applicable to drinking water dispensers and filters supplying water for direct drinking only.

2. Background

2.1 The Voluntary Labelling Scheme for Drinking Devices – Drinking Water Dispensers and Filters (the “Scheme”) is one of the water safety initiatives that the Government of the Hong Kong Special Administrative Region (HKSAR) has adopted. The Scheme would cover drinking water dispensers and filters commonly installed at the extremity of the internal plumbing systems for direct drinking, that can be easily purchased in the market and installed handily by consumers. Products registered under the Scheme will carry a label that serves to signify their compliance with relevant requirements in respect of material safety. Consumers should then be able to identify compliant products in making their purchase decision.

2.2 The Scheme is implemented on a voluntary basis so as to allow a lead time for the market to adapt to the requirements in respect of material safety. WSD will review the implementation situation and decide whether the requirements will become mandatory in the future with the proposed amendments to the Waterworks Ordinance (Cap. 102) and Waterworks Regulations (Cap. 102A). The implementation of this Scheme aims to achieve the following:

- (a) To provide consumers with information on drinking water dispensers and filters which have been tested/demonstrated compliant with the requirements in respect of material safety;
- (b) To facilitate consumers to select drinking water dispensers and filters which have been tested/demonstrated compliant with the requirements in respect of material safety; and
- (c) To promote public awareness of drinking water safety.

3. Scope

- 3.1 The Scheme will apply to the manufacturers, importers, or other related parties participating in the Scheme.
- 3.2 The Scheme registration commenced on 10 October 2024.
- 3.3 The Scheme only covers new drinking water dispensers and filters to be supplied in Hong Kong but does not cover second-hand products, products already in existing use, under trans-shipment or manufactured for export, etc.
- 3.4 Drinking water dispensers and filters registered under the Scheme will be granted a label provided that they comply with the scheme requirements specified in Section 5.
- 3.5 The provisions of this Scheme shall apply to drinking water dispensers and filters connecting at the extremity of the internal plumbing system and supplying water for direct drinking. This Scheme is implemented on a voluntary basis, WSD will review the implementation situation and decide whether the labelling requirement will become a mandatory statutory requirement by proposed legislative amendments later.
- 3.6 Drinking water dispensers shall include cold and/or hot water dispensers and drinking fountains equipped with a nozzle to provide a stream of water for direct consumption. Drinking water dispensers do not include any devices that provide beverages other than drinking water for direct human consumption (e.g., coffee machines, soft drink machines, etc.). To avoid doubt, any device which provides drinking water as a subsidiary function is not included in the Scheme as well (e.g., refrigerator with water dispenser function).
- 3.7 Filters shall include faucet-mounted filters and countertop filters, but not include any in-line devices (e.g., under counter filters, point-of-entry filters, etc.) of which the installation normally involves alteration of the internal plumbing systems and installation of appropriate backflow prevention devices that cannot be installed handily by a non-designated person.
- 3.8 The application for registration under this Scheme shall not be regarded as an application under Reg. 24 of the Waterworks Regulation.

4. Definitions

Unless otherwise specified, the following definitions shall apply throughout this document:

Department means the Water Supplies Department, the Government of HKSAR.

Director means the Director of the Water Supplies Department, the Government of HKSAR.

Drinking water dispenser means a factory-made assembly that is directly connected to the extremity of the inside service and primarily designed for dispensing drinking water with or without any treatment, that may be cooled or heated, by integral means for direct human consumption.

Filter means a device that is directly connected to the extremity of the inside service primarily designed for the filtration of drinking water for direct human consumption.

Government means the Government of HKSAR.

Inspecting officer means the officer authorised by the Director to carry out the inspections as described in Section 10 of this document.

Label means the label as described in Section 6 of this document.

Participant means a manufacturer, an importer, or other related parties of the drinking water dispenser and/or filter who apply for the registration of the drinking water dispenser and/or filter under the Scheme.

Recognised laboratory means a laboratory that complies with the requirements as stated in Section 7 of this document and is acceptable to the Department for carrying out tests (including re-tests) and issuing test reports on drinking water dispenser and/or filter.

Scheme means the Voluntary Labelling Scheme for Drinking Devices – Drinking Water Dispensers and Filters.

5. Scheme Requirements

- 5.1 This Scheme recognises the drinking water dispensers and filters compliant with the requirements in respect of material safety rather than to verify the performance of other self-proclaimed functions of the products (e.g., water filtration and treatment abilities, heating and cooling efficiency, flow rate, etc.). Consumers shall observe and follow the manufacturer's instructions regarding the performance, operation, maintenance, and repair/replacement cycle of the drinking water dispensers and filters.
- 5.2 The lead content of the alloy in direct contact with drinking water shall not exceed 3.5%, and shall be demonstrated by specifying and declaring the grade of metallic components in accordance with relevant national/international standards in the list of materials which are in direct contact with drinking water, as required in Section 8.4(b).
- 5.3 In addition to Section 5.2, drinking water dispenser or filter is deemed to comply with the scheme requirements if either:
- (a) it is certified by one of the following product certification schemes
 - (i) NSF 42
 - (ii) NSF 53
 - (iii) NSF 58
 - (iv) NSF 61
 - (v) NSF 401
 - (vi) WaterMark (supported by the corresponding test report indicating the metals leached are in compliance with Table D in Annex 1);
 - or
 - (b) it possesses a license granted by health departments at provincial level of the Mainland of China to products involving drinking water safety (i.e., 省級涉及飲用水衛生安全產品衛生許可批件);
 - or
 - (c) it conforms with the requirement of type test shown in Annex 1.

6. Label

Label and Location

- 6.1 The Label should be self-adhesive or pre-printed onto the body of the registered drinking water dispensers and filters. Where this is not practical, labels should be displayed on the packing of the registered drinking water dispensers and filters.
- 6.2 It is a compulsory requirement for the participant to affix/print the Label to his/her registered drinking water dispensers and filters at a prominent location in accordance with Section 6.1. The participant should also ensure that the registered drinking water dispensers and filters shall be displayed for sale with the Label.

Colour Scheme and Dimensions

- 6.3 The Label shall be printed on white-coloured self-adhesive sheet material (for self-adhesive type) in accordance with the figures, dimensions, Pantone colour codes, font sizes, and styles as shown in Annex 2. It shall be printed in English and Chinese. Soft copies of the Label will be transmitted by the Department to successful applicants for the Scheme soon after the approval of the respective application.

Paper Quality

- 6.4 The paper used for the Label shall be durable and possess good wear and tear characteristics. The Labels shall stick tightly on the registered drinking water dispensers and filters in accordance with Section 6.1.

Information on the Label

- 6.5 The information that appears on the Label shall be correct and the format shall accord with the Label format as indicated in Annex 2.
- 6.6 Each Label bears a unique QR code providing direct access to the online database for registered product information such as registration number, product type, brand, model number, validity, etc.

7. Testing Laboratories, Certification Bodies, and Health Departments at Provincial Level of the Mainland of China

- 7.1 The tests specified in Annex 1 can be carried out either by an independent testing laboratory or by the manufacturers or the importers or other related parties themselves at their own testing laboratories. The Department will accept the reports, certificates, and licenses issued/granted by the testing laboratories, certification bodies, and health departments at provincial level of the Mainland of China that fulfil the criteria as specified in Sections 7.2, 7.3, 7.4 or 7.5.
- 7.2 The testing laboratory is accredited by the Hong Kong Accreditation Service (HKAS) under the Hong Kong Laboratory Accreditation Scheme (HOKLAS) or by the mutual recognition arrangement (MRA) partners for HOKLAS* for carrying out the tests stipulated in Annex 1. The test results shall be issued in an endorsed test report bearing the accreditation symbol.
- 7.3 The testing laboratory is accredited by HKAS under HOKLAS or by the MRA partners for HOKLAS* for testing of plumbing products, and the laboratory can demonstrate its capability of carrying out tests on drinking water dispensers and/or filters in accordance with Annex 1.
- 7.4 If an application is submitted by means of product certification schemes or licenses specified in Section 5, a valid certificate issued by the relevant certification body (e.g., NSF, WaterMark) or a valid license granted by health departments at provincial level of the Mainland of China shall be provided for verification.
- 7.5 A valid certificate issued by certification body WRAS will also be accepted. A top-up test report issued by the testing laboratories as specified in Sections 7.2 or 7.3 is required to demonstrate compliant with Annex 1.

* HKAS has concluded mutual recognition arrangements with other accreditation bodies. The list of mutual recognition arrangement partners may change from time to time and the up-to-date list is available from the HKAS website of https://www.itc.gov.hk/en/quality/hkas/doc/common/mramla/MRA_HOKLAS_en.pdf. Partners of these arrangements recognise the endorsed test reports granted by one another as equivalent. An up-to-date APAC MRA list is available from <https://www.apac-accreditation.org/apac-mra/>. An up-to-date ILAC MRA is available from https://ilac.org/signatory_print.php.

8. Application for Registration

Application Procedures

- 8.1 All manufacturers, importers, and other related parties in the drinking water dispenser and filter business are welcome and encouraged to participate in the Scheme. For known manufacturers and importers, invitation letters will be issued to them. However, any manufacturers, importers, and other related parties in the drinking water dispenser and filter business may submit applications for registration no matter they are invited or not.
- 8.2 The application for registration shall be submitted by means of an application letter together with a “Proforma Letter of Application” in Annex 3 by hand, or through post or electronic mail to the Water Supplies Department:

Address: 47/F, Immigration Tower
7 Gloucester Road, Wanchai, Hong Kong
Email: wsdinfo@wsd.gov.hk

A proforma letter of application is attached in Annex 3. In order to ensure effective implementation of the Scheme, the participant must be committed to full compliance with the obligations set out in the Scheme. The proforma letter of application in Annex 3 details the obligations. The proforma application letter is also available on the Water Supplies Department’s website for downloading. The application can be submitted in either English or Chinese.

- 8.3 Applications can also be submitted through the e-application channel in the link: <https://www.wsd.gov.hk/en/plumbing-engineering/pipes-and-fittings-to-be-used-in-inside-service-or/index.html>

Information/Documents/Materials to be Submitted for Application

- 8.4 The information/documents/materials to be submitted with the application are listed as follows and also listed in Annex 4:
- (a) Information of the company, i.e., name, address, telephone number, fax number, e-mail address, website address, contact person, and sale distribution network (e.g., names and addresses of the distributor(s), etc.);
 - (b) Information of the drinking water dispenser or the filter being applied for registration in the Scheme, i.e., brand name, model no. and/or name, catalogue (which should include manufacturer name, factory full address,

brand and model, product description, water inlet size, real product photos, sectional drawings, body markings on the product, diagrams with dimensions indicated and list of materials which are in direct contact with drinking water), country/region of origin and photos clearly showing the front, side, top, and bottom views of the drinking water dispenser or the filter;

- (c) Parties which will be responsible for making and affixing/printing the Labels;
- (d) Proposed commencement date to affix/print the Labels to the drinking water dispensers or the filters in accordance with Section 6 (Year_____, Month_____);
- (e) Test reports/certificates/licenses in accordance with the requirements specified in Section 5. The test reports/certificates/licenses shall be issued/granted by a recognised laboratory or certification body or health departments at provincial level of the Mainland of China as specified in Section 7;
- (f) Documentary proof that the testing laboratory appointed by the participant has satisfied the requirement in Section 7; and
- (g) The participant shall submit reference samples for each drinking water dispenser or filter successfully registered under the Scheme upon the request of the Department.

8.5 The company's chop shall be stamped on the Proforma Letter of Application and all the document front covers provided by hand, or through post, electronic mail, or e-application channel to the Water Supplies Department. All photocopy test reports submitted to the Department shall be certified as true copies issued by the testing laboratory appointed by the participant. Upon the request of the Department, the participant is required to provide the original copy of the test reports/certificates/licenses.

Acceptance/Rejection of Application

8.6 On receipt of the application, the Department will verify whether the drinking water dispensers and filters meet the scheme requirements based on the submitted information.

8.7 If the application is accepted, the participant will be notified of the result within 20 working days upon the receipt of all necessary information requested. Soft copies of the Label will be transmitted by the Department to successful

applicants soon after the approval of the respective application. The participant shall then affix/print the Labels correctly to the registered drinking water dispensers and filters in accordance with Section 6.

- 8.8 If the application is rejected, a notification letter with the reason(s) of rejection will also be given to the participant within 20 working days upon receipt of all necessary information requested.
- 8.9 To ensure more efficient processing of applications of products for registration under the Scheme, the deadline for submitting all necessary supporting information will be set at six months from the date of receipt of the application. Upon receipt of the application, the Department will vet and, if found necessary, require the applicant to submit outstanding information. For any application that could not be completed in five months due to incomplete information, the Department will issue a final reminder requesting the submission of outstanding information/clarification within one month from the date of such reminder. The application concerned will be rejected automatically without further notice if the required information/clarification is still outstanding after the deadline specified in the reminder.

Participant's Obligations

- 8.10 The participant is obliged to:
- (a) submit an application for registration by means of an application letter together with a "Proforma Letter of Application", the information/documents/materials required in Section 8.4, and the test report(s) which follow the requirements set out in Annex 1 or valid certificate(s) issued by certification body or valid license(s) granted by health departments at provincial level of the Mainland of China;
 - (b) at his/her own costs, produce and affix/print the Label to the registered drinking water dispensers and filters at a prominent location in accordance with Section 6;
 - (c) ensure that the registered drinking water dispensers and filters shall be displayed for sale with the Label;
 - (d) fully inform other related parties (such as sales agents, retailers, etc.) in the participant's sale distribution network once the drinking water dispensers and filters are registered under this Scheme and notify them that the Department may request to enter their premises to carry out compliance monitoring and inspection as specified in Section 10;
 - (e) allow compliance monitoring and inspection to be conducted by

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- Inspecting Officers authorised by the Director on the registered and non-registered drinking water dispensers and filters at his/her premises such as the warehouse and retailing spots;
- (f) allow the product information of the registered drinking water dispensers and filters to be uploaded to the Department's website for public information;
 - (g) conduct re-test(s) at his/her own costs at a recognised laboratory complying with the requirements in Section 7 if non-compliance is found on the registered drinking water dispensers and filters. The test report of re-test(s) shall reach the Department within the time specified by the Department;
 - (h) submit reference samples of the registered drinking water dispensers and filters at his/her own cost upon the request of the Department;
 - (i) provide additional supporting information/material upon request of the Department within the time prescribed. Failure to comply may render rejection of the Application for Registration (see Section 8.9);
 - (j) notify the Department by means of a notification letter (in either English or Chinese with the company's chop stamped on the notification letter and all submitted document front covers) through post or electronic mail of any changes to the company information (e.g., company name) required in Section 8.4. The notification shall be made not less than 14 working days before the change. Failure to comply may render the model registration null and void;
 - (k) changes to the drinking water dispenser and the filter information (e.g., brand name, model no.) required in Section 8.4 will be considered as major changes that require new applications for registration in the Scheme;
 - (l) notify the Department by means of a notification letter (in either English or Chinese with the company's chop stamped on the notification letter and all submitted document front covers) through post or electronic mail of any changes in product design and construction (e.g., material to such an extent water safety may be affected). If the Department considers the changes as major, as if it were a new model different from the previously registered model, new applications for registration in the Scheme will be required;
 - (m) notify the Department by means of a notification letter (in either English or Chinese with the company's chop stamped on the notification letter and all submitted document front covers) through post or electronic mail of any updates/changes in the validity of certificates or licenses specified in Section 7 (e.g., renewal/termination of certificates or licenses); and

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- (n) remove within three months all Labels from drinking water dispensers and filters and their packing if they have been de-registered.

8.11 The details of drinking water dispensers and filters registered under this Scheme will be kept in a register maintained by the Department. The registration records will be regularly uploaded to the Department's website for public information.

Termination

8.12 Under circumstances of poor performance such as:

- (a) the participant failing to fulfil the obligations set out in the Scheme; or
- (b) the drinking water dispensers or filters failing to comply with the requirements of the Scheme and the participant not being able to rectify the non-compliance within the time frame specified by the Department; or
- (c) where the Director is of the opinion that registration of a drinking water dispenser or a filter is contrary to the public interest.

The Department may de-register a drinking water dispenser or a filter from the Scheme with immediate effect by giving the participant notice in writing. Once a drinking water dispenser or a filter is de-registered, it is not allowed to be affixed/printed with a Label. The participant shall remove all Labels from the de-registered drinking water dispensers and filters and their packing within three months from the notice.

8.13 Participant who decides to discontinue participating in the Scheme or to withdraw any registered drinking water dispensers or filters from the Scheme shall give at least three months' advance notice to the Department, in writing with the reason(s) for de-registration.

8.14 There is no expiry for the registration under this Scheme.

9. Legal Provisions

9.1 Without prejudice to any remedy a purchaser may have against the participant under the Laws of Hong Kong, the participant may be subject to legal liability in Sections 9.2 and 9.3, including without limitation.

9.2 This Scheme is a voluntary scheme. However, a participant who abuses the Scheme by giving false information on the Label may constitute an offence

under the Trade Descriptions Ordinance, Cap. 362.

- 9.3 Unauthorised use of the Label may constitute an offence under the Copyright Ordinance, Cap. 528.

10. Compliance Monitoring and Inspection

Purpose

- 10.1 To uphold the credibility of the Scheme and to maintain the continuous confidence of the consumers, a compliance check on the Labels on those drinking water dispensers and filters registered in the Scheme is necessary. In addition, to avoid the unsatisfactory situation that unauthorised Labels are used on non-registered drinking water dispensers and filters, the Department may also carry out suitable forms of inspection on those drinking water dispensers and filters which have not been registered under the Scheme.

Scope

- 10.2 The scope of compliance monitoring and inspection includes, but not limited to, testing and checking of the following items:
- (a) whether the registered drinking water dispensers and filters maintain compliance with the tests specified in Annex 1;
 - (b) whether the Label is affixed/printed to registered drinking water dispensers and filters in accordance with Section 6;
 - (c) whether the Label being displayed is of the correct format in accordance with Section 6;
 - (d) whether the information shown on the Label is correct; and
 - (e) whether non-registered drinking water dispensers and filters display unauthorised Labels.
- 10.3 The participants will be requested to take immediate remedial action and report the follow-up action taken if non-compliance is found on their registered drinking water dispensers and filters such as incorrect information shown on the Label.
- 10.4 Except drinking water dispensers and filters registered under the Scheme via Section 5.3(a), the Department will randomly acquire registered drinking water dispensers and filters and conduct testing in accordance with the requirements

specified in Annex 1. For a registered drinking water dispenser or filter which is found not meeting the scheme requirements specified in Annex 1, the Department may request the participant to conduct a separate test at his/her own cost on the registered drinking water dispenser or filter, in accordance with the testing methodology as stated in Annex 1 in a recognised laboratory agreed by the Department. The test shall be carried out on at least three further samples of the drinking water dispenser or the filter. The participant shall submit the reference samples for testing within one month upon the request of the Department. If the test results in any of the three samples fail to meet the scheme requirements specified in Annex 1, the Department will require the participant to take appropriate remedial action.

- 10.5 If no remedial action against the non-compliance is taken by the participant within the time prescribed by the Department, the Department may either require the participant to withdraw his/her registration or de-register the concerned drinking water dispenser and filter from the Scheme. The Department may notify the participant of the de-registration of the concerned drinking water dispenser and filter from the Scheme. Once a drinking water dispenser or a filter is de-registered, it is not allowed to be affixed/printed with a Label. The participant shall remove all Labels from the de-registered drinking water dispenser or filter and their packing within three months from the Department's notice. Failure to remove the Labels from the de-registered drinking water dispenser or filter may contravene the relevant ordinances as mentioned in Section 9 above.

Inspecting Officers

- 10.6 The Director will authorise Inspecting Officers to carry out drinking water dispenser and filter compliance monitoring and inspection. The officers will carry proper identification cards which will be produced during their inspections. However, the officers will not inform the participants in advance of their inspections.
- 10.7 It is the participants' obligation to allow the Inspecting Officers to gain access to their premises to carry out the inspections. Failure to comply may render the model registration null and void.

Mode of Inspection

- 10.8 Inspections will be carried out on registered drinking water dispensers and filters under the Scheme on an annual basis. Based on the record of the

registration, annual inspection programmes will be developed. Inspection will also be conducted on the non-registered drinking water dispensers and filters with unauthorised Labels.

- 10.9 In addition to the annual inspections, the Inspecting Officers will carry out ad-hoc inspections in response to complaints. The items to be inspected in such a case will depend upon the nature of the complaint and may include the items as stated in Section 10.2.
- 10.10 Inspections will normally be carried out at the retail outlets and showrooms. Where necessary, inspections will also be done at warehouses.
- 10.11 Where necessary, re-inspection of non-compliance identified in drinking water dispensers and filters in the annual/ad-hoc inspections will be carried out.
- 10.12 The inspection results will be properly recorded for future analysis as well as evaluation of the effectiveness of the Scheme to provide information to facilitate consumers to select drinking water dispensers and filters that comply with the relevant requirements in respect of material safety and to provide confidence on the registered products under the Scheme.

11. Complaints and Appeals

- 11.1 The Department will be responsible for dealing with complaints from participants and other parties against matters related to the Scheme.

Complaints Handling Procedure

- 11.2 The Department shall ensure that complaints are properly recorded and handled without undue delay.
- 11.3 The Department shall carry out investigation(s) on complaints and reply to them within a reasonable time. For complaints that require a site inspection and laboratory test, the complainant shall be notified through an interim reply.
- 11.4 The Department shall inform the complainant of the result or decision made on the complaint.

Appeal Procedure

- 11.5 A participant may appeal against the decision or action taken by the Department in writing to the Director stating the reason for the appeal.
- 11.6 The Director may decide to suspend the decision or action taken by the Department from the day on which the appeal is made until such appeal is disposed of, withdrawn, or abandoned unless such suspension would, in the opinion of the Director, be contrary to the public interest.
- 11.7 The Director may, by notice to the appellant, require the appellant to attend meeting(s) with him or his representatives and provide documents and give evidence relevant to the appeal.
- 11.8 The Director shall notify the appellant of his decision and reasons for it. The decision will be final.

12. Maintenance of Scheme

- 12.1 To ensure that the Scheme can continue to operate effectively and efficiently, the Scheme will be maintained as follows:
- (a) Continuous updating of the lists of drinking water dispensers and filters registered in the Scheme as follows:
 - i) registered drinking water dispensers and filters with details such as registration numbers in the Scheme, dates of registration, makes, models, and other related information; and
 - ii) manufacturers, importers, or other related parties of the registered drinking water dispensers and filters with details such as addresses, telephone numbers, e-mail addresses, etc.
 - (b) Periodic review of the Scheme Document, including testing methodologies, procedures for registration application, and compliance monitoring, etc.
 - (c) Continuous evaluation of the effectiveness of the Scheme and assessment of what changes are necessary.

Testing Guidelines for Drinking Water Dispensers and Filters

Condensed Testing Requirements with reference to AS/NZS 4020:2018 and BS 6920

- Note -

This Annex is a guideline to facilitate the participant to grasp the context of drinking water dispenser and filter testing requirements with reference to AS/NZS 4020:2018 and BS 6920. This Annex cannot replace the captioned standards nor is there any intention to do so. In case of doubt, the captioned standards shall always be consulted.

Annex 1

1. This annex sets out the testing requirements for materials used in the constructed parts of drinking water dispensers and filters which are in contact with drinking water. The assembly, including components and consumables of drinking water dispensers and filters in contact with drinking water, shall conform to the testing requirements in this Annex.
2. The drinking water dispensers and filters shall be tested at product level against AS/NZS 4020:2018. With reference to AS/NZS 4020:2018, sample water shall be extracted from drinking water dispensers and filters according to the method stipulated in Table A in this Annex and the required tests stipulated in Table B in this Annex shall be performed, with the passing requirement of the metal leaching test in accordance with Table D in this Annex.
3. Alternatively, the drinking water dispensers and filters can be tested at material level against BS 6920. Each polymeric material used in the drinking water dispensers and filters shall comply with relevant requirements in BS 6920 as stipulated in Table C in this Annex. For the passing requirement of the metal leaching test (BS 6920-2.6:2000+A2:2014), Table 1 of BS 6920-1:2014 shall be replaced by Table D in this Annex. For example, a product (e.g., a filter) fully made of polymeric materials can be tested against BS 6920 as an alternative to AS/NZS 4020.

Table A. Sample water extraction method for AS/NZS 4020:2018

	Filters	Drinking water dispensers
Method reference	Appendix I	<u>With</u> water-heating system: Appendix K <u>Without</u> water-heating system: Appendix I

Table B. Required tests for AS/NZS 4020:2018

Test	Filters and Drinking water dispensers <u>without</u> heating system		Drinking water dispensers <u>with</u> heating system
	Metallic	Polymeric	
Taste (Appendix C)	Required	Required	NOT Required
Appearance (Appendix D)	Required	Required	Required
Growth of Aquatic Micro- organisms (Appendix E)	NOT Required	Required	Required if operated at <55°C
Cytotoxic Activity (Appendix F)	Required	Required	Required
Metals ⁽¹⁾ (Appendix H)	Required	Required	Required

⁽¹⁾ Refer to Table D in this Annex for the specified metals and the corresponding standard values.

Table C. Required tests for BS 6920

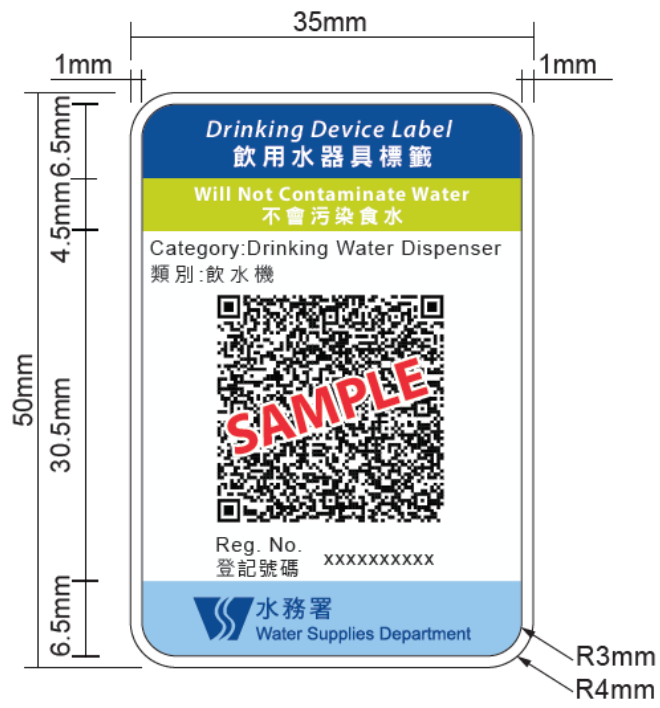
Test	Products intended for use in cold water	Products intended for use in hot water
Odour and flavour of water (Section 2.2)	Required	Required
Appearance of water (Section 2.3)	Required	Required
Growth of aquatic microorganisms test (Section 2.4)	Required	Required
The extraction of substances that may be of concern to public health (Section 2.5)	Required	Required
The extraction of metals ⁽²⁾ (Section 2.6)	Required	Required
High temperature tests (Section 3)	NOT Required	Required

⁽²⁾ Refer to Table D in this Annex for the specified metals and the corresponding standard values.




Table D. Standard value of metals

Metal	Standard Value, µg/L
Antimony (Sb)	≤ 20
Arsenic (As)	≤ 10
Barium (Ba)	≤ 1300
Boron (B)	≤ 2400
Cadmium (Cd)	≤ 3
Chromium (Cr)	≤ 50
Copper (Cu)	≤ 2000
Lead (Pb)	≤ 10
Manganese (Mn)	≤ 80
Mercury (Hg)	≤ 6
Nickel (Ni)	≤ 70
Selenium (Se)	≤ 40

Label



Spec

<i>Drinking Device Label</i> Will Not Contaminate Water Category: Drinking Water Dispenser	6pt Myriad Variable Concept Semibold Italic, white 5pt Myriad Variable Concept Bold, white 5pt Arial Regular, black
飲用水器具標籤 不會污染食水 類別: 飲水機	6pt 華康新特黑體, white 5pt 華康新特黑體, white 5pt 微軟正黑體 Regular, black
	20 x 20mm QR Code
Reg. No. xxxxxxxxxxxx 登記號碼 xxxxxxxxxxxx	Reg. No. : 5pt Arial Regular, black 登記號碼: 5pt 微軟正黑體 Regular, black XXXXXXXXXXXX : 5pt Arial Regular, black
	Pantone 293C
	Background colour (top) C99, M78, Y9, K0 Background colour (middle) C22, M0, Y100, K8 Background colour (bottom) C39, M10, Y0, K0




Actual size : 35mm(W) x 50mm(H)



Label



Spec

Drinking Device Label 飲用水器具標籤 Will Not Contaminate Water 不會污染食水 Category: Filter 類別: 濾水器	6pt Myriad Variable Concept Semibold Italic, white 5pt Myriad Variable Concept Bold, white 5pt Arial Regular, black
飲用水器具標籤 不會污染食水 類別: 濾水器	6pt 華康新特黑體, white 5pt 華康新特黑體, white 5pt 微軟正黑體 Regular, black
	20 x 20mm QR Code
Reg. No. xxxxxxxxxxxx 登記號碼 xxxxxxxxxxxx	Reg. No. : 5pt Arial Regular, black 登記號碼 : 5pt 微軟正黑體 Regular, black XXXXXXXXXXXX : 5pt Arial Regular, black
	Pantone 293C
	Background colour (top) C99, M78, Y9, K0 Background colour (middle) C22, M0, Y100, K8 Background colour (bottom) C39, M10, Y0, K0

Actual size : 35mm(W) x 50mm(H)



Proforma Letter of Application

Our ref.:

Tel.:

Fax.:

Date:

Water Supplies Department

47/F, Immigration Tower

7 Gloucester Road, Wanchai Hong Kong

Dear Sir/Madam,

Application for Registration in the Voluntary Labelling Scheme for Drinking Devices – Drinking Water Dispensers and Filters

Our company is the (manufacturer / importer / other related parties (please specify)*) of _____ (brand name, model number and/or name of the drinking water dispenser and/or the filter) in Hong Kong. We would like to apply for registration of the drinking water dispenser and/or filter in the above scheme.

We understand fully our obligations as stated in the document of “Voluntary Labelling Scheme for Drinking Devices – Drinking Water Dispensers and Filters” (Scheme Document) and will comply with all relevant requirements, in particular those specified below:

- (a) submit an application for registration by means of an application letter together with a “Proforma Letter of Application”, the information/documents/materials required in Section 8.4 of the Scheme Document, and the test report(s) which follow the requirements set out in Annex 1 of the Scheme Document or valid certificate(s) issued by certification body or valid license(s) granted by health departments at provincial level of the Mainland of China;
- (b) at our own costs, produce and affix/print the Label to the registered drinking water dispensers and filters at a prominent location in accordance with Section 6 of the Scheme Document;
- (c) ensure that the registered drinking water dispensers and filters shall be displayed for sale with the Label;

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- (d) fully inform other related parties (such as sales agents, retailers, etc.) in our sale distribution network once the drinking water dispensers and filters are registered under the Scheme and notify them that the Water Supplies Department (WSD) may request to enter their premises to carry out compliance monitoring and inspection as specified in Section 10 of the Scheme Document;
- (e) allow compliance monitoring and inspection to be conducted by Inspecting Officers authorised by the Director of Water Supplies on the registered and non-registered drinking water dispensers and filters at our premises such as the warehouse and retailing spots;
- (f) allow the product information of the registered drinking water dispensers and filters to be uploaded to WSD's website for public information;
- (g) conduct re-test(s) at our own costs at a recognised laboratory complying with the requirements in Section 7 of the Scheme Document if non-compliance is found on the registered drinking water dispensers and filters. The test report of re-test(s) shall reach WSD within the time specified by WSD;
- (h) submit reference samples of the registered drinking water dispensers and filters at our own cost upon the request from WSD;
- (i) provide additional supporting information/material upon request of WSD within the time prescribed. Failure to comply may render rejection of the Application for Registration;
- (j) notify WSD by means of a notification letter (in either English or Chinese with the company's chop stamped on the notification letter and all submitted document front covers) through post or electronic mail of any changes to the company information (e.g., company name) required in Section 8.4 of the Scheme Document. The notification shall be made not less than 14 working days before the change. Failure to comply may render the model registration null and void;
- (k) changes to the drinking water dispenser and the filter information (e.g., brand name, model no.) required in Section 8.4 of the Scheme Document will be considered as major changes that require new applications for registration in the Scheme; and
- (l) notify WSD by means of a notification letter (in either English or Chinese with the company's chop stamped on the notification letter and all submitted document front covers) through post or electronic mail of any changes in product design and construction (e.g., material to such an extent water safety may be affected). If WSD considers the changes as major, as if it were a new model different from the previously registered model, new applications for registration in the Scheme will be required;
- (m) notify WSD by means of a notification letter (in either English or Chinese with

Annex 3

the company's chop stamped on the notification letter and all submitted document front covers) through post or electronic mail of any updates/changes in the validity of certificates or licenses specified in Section 7 of the Scheme Document (e.g., renewal/termination of certificates or licenses); and

- (n) remove within three months all Labels from drinking water dispensers and filters and their packing if they have been de-registered.

The detailed information of the drinking water dispensers and filters which we apply for registration is shown in the attached documents (see Annex 4 for the list of information to be submitted) for your processing.

Yours faithfully,

(Manufacturer/Importer/Agent's Name and Company Chop)

* *delete as appropriate*

Information/Material to be Submitted
to the Water Supplies Department

1. Information of the company, i.e., name, address, telephone number, fax number, e-mail address, website address, contact person, and sale distribution network (e.g., names and addresses of the distributor(s), etc.);
2. Information of the drinking water dispenser or the filter being applied for registration in the Scheme, i.e., brand name, model no. and/or name, catalogue (which should include manufacturer name, factory full address, brand and model, product description, water inlet size, real product photos, sectional drawings, body markings on the product, diagrams with dimensions indicated and list of materials which are in direct contact with drinking water), country/region of origin, and photos clearly showing the front, side, top, and bottom views of the drinking water dispenser or the filter;
3. Parties which will be responsible for making and affixing/printing the Labels;
4. Proposed commencement date to affix/print the Labels to the drinking water dispensers or the filters in accordance with Section 6 of the Scheme Document (Year_____, Month_____);
5. Test reports/certificates/licenses in accordance with the requirements specified in Section 5 of the Scheme Document. The test reports/certificates/licenses shall be issued/granted by a recognised laboratory or certification body or health departments at provincial level of the Mainland of China as specified in Section 7 of the Scheme Document;
6. Documentary proof that the testing laboratory appointed by the participant has satisfied the requirement in Section 7 of the Scheme Document; and
7. Participant shall submit reference samples for each drinking water dispenser or filter successfully registered under the Scheme upon the request of the Water Supplies Department.

Note: The company's chop shall be stamped on the Proforma Letter of Application and all the document front covers provided by hand, or through post, electronic mail, or e-application channel to the Water Supplies Department. All photocopy test reports submitted to the Water Supplies Department shall be certified as true copies issued by the testing laboratory appointed by the participant. Upon the request of the Water Supplies Department, the participant is required to provide the original copy of the test reports/certificates/licenses.

Flow Chart for Registration