Singapore Standards Council

SS 375 : Part 2:3 : 2015
(ICS 13.060.20)

SINGAPORE STANDARD

Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water

– Part 2:3: Methods of test – Appearance of water

Published by
Enterprise Singapore

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This Singapore Standard was approved by the Chemical Standards Committee on behalf of the Singapore Standards Council on 11 June 2015.

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The Chemical Standards Committee, appointed by the Standards Council, consists of the following members:

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Co-opted Members	:	Assoc Prof Thomas Liew	*Individual Capacity*
		Mr Nee Pai How	*Individual Capacity*
		Mr Pitt Kuan Wah	*Individual Capacity*

The Technical Committee on Water, appointed by the Chemical Standards Committee and responsible for the preparation of this standard, consists of representatives from the following organisations:

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		Prof Ong Say Leong	*NUS Environmental Research Institute*
		Er. Soon Ai Kwang	*Association of Consulting Engineers Singapore*

The Working Group on Drinking Water appointed by the Technical Committee on Water to assist in the review of this standard, comprises the following experts who contributed in their *individual capacity*:

		Name
Convenor	:	Dr Zhang Lifeng
Secretary	:	Ms Jillian Chin
Members	:	Mr Thomas Ang
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		Mr Lim Chiow Giap
		Dr Ng How Yong
		Mr Amos Phua
		Mr Soo Tiong Hong

The organisations in which the experts of the Working Group are involved are:

Longus Consulting
PUB, the National Water Agency
Setsco Services Pte Ltd
Singapore Sanitary Ware Importer and Exporter Association
Singapore Water Association
Standard Chemical Corporation Pte Ltd
TUV SUD PSB Pte Ltd

Contents

National Foreword

This Singapore Standard was prepared by the Working Group on Drinking Water appointed by the Technical Committee on Water under the direction of the Chemical Standards Committee.

This is a revision of SS 375 : Part 2:3: 2001. It is an identical adoption of BS 6920-2.3: 2000 + A1: 2014 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water – Part 2: Methods of test – Section 2.3: Appearance of water', and is implemented with permission of BSI Standards Limited.

The following editorial changes were made:

Clauses/Subclauses	Modification
Clause 1 – NOTE; Bibliography	*Deleted the reference to UK regulations* *Explanation: These regulations are not applicable to Singapore.*

Where appropriate, the words 'British Standard' have been replaced by 'Singapore Standard'. The references to the BS 6920 series have been replaced by the following Singapore Standards:

BS 6920 Series	Corresponding Singapore Standard
BS 6920	SS 375
BS 6920-1: 2014	SS 375: Part 1: 2015
BS 6920-2.1: 2014	SS 375: Part 2:1: 2015
BS 6920-2.3	SS 375: Part 2:3
BS 6920-2.4	SS 375: Part 2:4
BS 6920-3	SS 375: Part 3

Attention is drawn to the possibility that some of the elements of this Singapore Standard may be the subject of patent rights. Enterprise Singapore shall not be held responsible for identifying any or all of such patent rights.

Foreword

Publishing information

This subsection of BS 6920 is published by BSI Standards Limited, under license from The British Standards Institution and came into effect on 15 May 2000. It was prepared by Subcommittee EH/3/7, *Effects of materials on water quality*. Amendment No. 1 was prepared by Technical Committee EH/6, *Effects of materials on water quality*.

Supersession

BS 6920-2.3:2000 + A1:2014 supersedes BS 6920-2.3:2000, which is withdrawn.

Relationship with other publications

BS 6920 is published in several parts, namely *Part 1: Specification, Part 2: Methods of test, Part 3: High temperature tests* and *Part 4: Method for the GCMS identification of water leachable organic substances.*

Part 2 is further subdivided into a number of sections and subsections as follows.

Section 2.1: Samples for testing;
Section 2.2: Odour and flavor of water;
Subsection 2.2.1: General method of test;
Subsection 2.2.2: Method of testing odours and flavours imparted to water by multi-layered hoses and pipes;
Subsection 2.2.3: Method of testing odours and flavours imparted to water by hoses for conveying water for food and drink preparation;
Section 2.3: Appearance of water;
Section 2.4: Growth of aquatic microorganisms test;
Section 2.5: The extraction of substances that may be of concern to public health;
Section 2.6: The extraction of metals.

Information about this document

This edition introduces technical changes but it does not reflect a full review or revision of the standard.

Hazard warnings

WARNING. This British Standard calls for the use of substances and/or procedures that can be injurious to the health if adequate precautions are not taken.

This British Standard refers only to technical suitability and does not absolve the user from legal obligations relating to health and safety at any stage.

Contractual and legal considerations

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water – Part 2:3: Methods of test –Appearance of water

1 Scope

This section of SS 375 describes a method designed to assess the ability of a product to impart any noticeable colour or turbidity to water intended for human consumption. The method is applicable to all types of non-metallic product used in contact with water intended for human consumption.

NOTE The National Regulator may specify additional provisions in some cases and will assess the significance of the results obtained.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this section of SS 375. For dated references, subsequent amendments to or revisions of any of these publications do not apply. For undated references, the latest edition of the publication referred to applies.

SS 375 : Part 2:1 : 2015, *Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water – Part 2:1: Methods of test – Samples for testing.*

BS EN ISO 3696: 1995, *Water for analytical laboratory use – Specification and test methods.*

BS EN ISO 7027: 2000, *Water quality – Determination of turbidity.*

BS EN ISO 7887: 2011, *Water quality – Examination and determination of colour.*