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(ICS 91.140.60)

SINGAPORE STANDARD

Code of practice for water services

(Formerly CP 48)

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The Technical Committee on Building Maintenance and Management, appointed by the Building and Construction Standards Committee and responsible for the preparation of this standard, consists of representatives from the following organisations:

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		Mr Kua Soo Chong	*Individual Capacity*
		Mr K Ramanathan	*Individual Capacity*

The Working Group, appointed by the Technical Committee to assist in the preparation of this standard, comprises the following experts who contribute in their *individual capacity*:

		Name
Convenor	:	Er. Yeow Mei Leng
Members	:	Mr Thomas Ang
		Mr Kuang Kim Yaw
		Mr Johnny Ng
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		Er. Roland Tan Juay Pah
		Mr Tan Kah Kyee
		Mr Steven Tang Wah Keong
		Er. Denis Wong Tak Ming

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

Association of Consulting Engineers Singapore
Housing & Development Board
PUB, Singapore's National Water Agency
Singapore Plumbing Society
Singapore Sanitary Ware Importers & Exporters Association
The Institution of Engineers, Singapore

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Foreword

This Singapore Standard was prepared by a Working Group appointed by the Technical Committee on Building Maintenance and Management under the direction of the Building and Construction Standards Committee.

The standard is a revision of CP 48 : 2005 “Code of practice for water services” and has been re-designated as SS 636.

This revision is to bring the standard up-to-date with the latest relevant overseas standards, in particular, the alignment of testing methods with international practices.

This standard is expected to be used by Professional Engineers, registered Architects and licensed Water Services Plumbers in the design, installation, fixing, testing and maintenance of water services in all residential, commercial and industrial buildings/premises.

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.

NOTE

1. *Singapore Standards (SSs) and Technical References (TRs) are reviewed periodically to keep abreast of technical changes, technological developments and industry practices. The changes are documented through the issue of either amendments or revisions.*

2. *An SS or TR is voluntary in nature except when it is made mandatory by a regulatory authority. It can also be cited in contracts making its application a business necessity. Users are advised to assess and determine whether the SS or TR is suitable for their intended use or purpose. If required, they should refer to the relevant professionals or experts for advice on the use of the document. Enterprise Singapore shall not be liable for any damages whether directly or indirectly suffered by anyone or any organisation as a result of the use of any SS or TR.*

3. *Compliance with a SS or TR does not exempt users from any legal obligations.*

Code of practice for water services

1 Scope

This code deals with services for the supply of potable water to all residential, commercial and industrial buildings/premises. The scope of the code extends from the Authority's water supply to the point where the water is drawn off for use, including storage. It does not cover all aspects of services for the supply of water for firefighting.

2 Normative references

The following referenced documents are indispensable for the application of this standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

AS/NZS 3500	Plumbing and drainage
AS/NZS 4020:2005	Testing of products for use in contact with drinking water
BS 1710	Specification for identification of pipelines and services
BS 5546 : 2010	Specification for installation and maintenance of gas-fired water-heating appliances of rated input not exceeding 70 kW net
BS 6920	Suitability of non-metallic products for use in use in contact with water intended for human consumption with regard to their effect on the quality of the water
BS 6956-5	Jointing and materials and compounds – Specification for jointing compounds for use with water, low pressure saturated steam, 1st family gases (excluding coal gas) and 2nd family gases
BS 7291-2	Thermoplastics pipes and associated fittings for hot and cold water for domestic purposes and heating installations in buildings – Specification for polybutylene (PB) pipe and associated fittings
BS EN 1982	Copper and copper alloys. Ingots and castings
BS EN 12163	Copper and copper alloys. Rod for general purposes
BS EN 12165	Copper and copper alloys. Wrought and unwrought forging stock
BS EN 12420	Copper and copper alloys. Forgings
SS 270:2015	Specification for elastomeric seals for joints in pipework and pipelines
SS 375 Series	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
SS 375-1	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 1 : Specification
SS 638	Code of practice for electrical installations
SS EN 1992-3	Design of concrete structures – Liquid retaining and containing structures