

ICS 13.060.20
CCS C 62;C51

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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

SN/T 1528-2012

Replacing SN/T 1528-2005

Disinfection code for drinking water of entry-exit ships

入出境船舶饮用水消毒规程

(English Translation)

Issued on: January 1, 1970

Implemented on: January 1, 1970

Issued by: General Administration of Customs

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

Instead of the standard SN/T 1528-2005 "into outbound vessels drinking water disinfection procedures." this standard compared with SN/T 1528-2005, the main technical changes are as follows.

- To increase the scope of "frontier ports disinfection of drinking water may refer to this standard";
- Normative references have been updated, adding "drinking water health standards (2001 edition)";
- Disinfectants and disinfection equipment part of the increase of the "disinfectants and disinfection equipment shall ensure the security of the Ministry of Health must not contain banned substance Quality; disinfectants and disinfection equipment sterilization process remaining in drinking water disinfectant residues from the raw material and process the impurity content should not exceed the current into the "drinking water health standards" limit requirements; sanitized generated in the process Toxic byproduct concentration should not exceed the current "drinking water health standards" limit requirements ";
- Commonly used chlorine disinfectant chlorine content was calibrated;
- Remove ultraviolet disinfection methods.

This standard is proposed and managed by the National Certification and Accreditation Administration Committee.

This standard was drafted. People's Republic of China Shandong Entry Inspection and Quarantine Bureau, People's Republic of China Jiangsu Entry-Exit Inspection and Quarantine Bureau, People's Republic of China Fujian Exit Inspection and Quarantine.

1 Scope

This standard specifies the entry and exit of ships of drinking water disinfection requirements, procedures, methods, results and determined disposition.

This standard applies to inbound and outbound vessels of drinking water disinfection, drinking water disinfection frontier port can refer to this standard.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including all repair orders) applies to this document.

GB 5749 drinking water health standards GB/T 5750.2 drinking water standard test method for water samples collection and preservation Disinfection technical specifications (People's Republic of China Ministry of Health) Drinking water health standards (People's Republic of China Ministry of Health)

3.1 Disinfectants and disinfection equipment

To ensure the safety of disinfection, and to ensure that the disinfection effect, disinfectants and disinfection equipment shall meet the following requirements.

--- Disinfectants and disinfection equipment used should be listed in the directory of approved Medical Device Administration of Quality Supervision, Inspection and Quarantine, the active ingredient is me States allow for disinfection of drinking water disinfectant component;

--- All disinfectants and disinfection methods should be strictly in accordance with the instructions provided for use, to ensure disinfection;

--- Disinfectants and disinfection equipment shall ensure that security does not contain prohibited substances prescribed by the Ministry of Health; disinfectants and disinfection equipment disinfected Process remaining in drinking water disinfectant residues, impurities from the raw material and the process should not exceed current into Line "drinking water health standards" limit requirements; concentrations of disinfection byproducts generated in the process should not exceed the current "life Live drinking water health standards "limit requirements.

3.2 Operational requirements

Disinfection operation should meet the following requirements.

--- Disinfection should be strictly in accordance with operating procedures;

- Disinfectants should be chosen to prevent the ship's structure and equipment damage;
- Disinfection operation should prevent the operator and crew health damage.

4 Objects

Drinking water should be disinfected following ships.

- Loading from drinking infected areas identified by the World Health Organization drinking water borne diseases;
- By intestinal infectious pathogen contamination or suspected contamination of drinking water;
- According to the inspection and quarantine requirements, the need to implement disinfection of drinking water.