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

GB/T 36216-2018

**Ships and marine technology -- Ship recycling management
systems -- Measures to prevent asbestos emission and
exposure during ship recycling**

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Foreword

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

This standard uses the translation method equivalent to ISO 30007.2010 "Ship and cotton technology to prevent asbestos divergence and exposure during shipbreaking

Measures.

This standard has made the following editorial changes.

--- Modified the standard name.

This standard is proposed and managed by the National Marine Ship Standardization Technical Committee (SAC/TC12).

This standard was drafted. China Shipbuilding Industry Comprehensive Technology and Economic Research Institute.

1 Scope

This standard is to minimize asbestos hazards during shipbreaking and to reduce asbestos emissions in the environment and workers exposed to asbestos.

Provide an effective method. This standard is intended to help shipbreakers meet the requirements of the 2009 Hong Kong International Convention for the Safe and Environmentally Sound Dismantling of Ships [5].

2 Terms and definitions

The following terms and definitions apply to this document.

2.1

Asbestos asbestos

Various fibrous silicate minerals, including asbestos, asbestos, asbestos, asbestos, crocidolite, tremolite

Cotton and so on.

2.2

Asbestos-containing material containing asbestos; ACM

Materials with more than one percent asbestos or materials as defined by national regulations.

Note. According to the latest requirements, the thresholds of 0.1% and 1% are applicable before and after the entry into force of the Hong Kong Convention. For all ships, new installations are prohibited.

Contains asbestos materials.

2.3

Clean room cleanroom

Uncontaminated room with materials and equipment to store employee work clothing and uncontaminated materials.

2.4

Competent person

Ability to identify asbestos hazards present in the workplace and to select appropriate control strategies for asbestos exposure and to take corrective action in a timely manner

A person who applies to eliminate the asbestos hazard.

Note. The competent person should be properly trained and have a certificate/license that meets the requirements of the national regulations for specific jobs.

2.5

Decontamination zone

An enclosed area adjacent to and connected to the asbestos removal area, consisting of an equipment room (dressing room), shower area and clean room for

Purification of asbestos-contaminated workers, materials and equipment.

2.6

Equipment room

A contaminated room located in the purification zone with a watertight bag or container for handling contaminated protective clothing and equipment.

2.7

High efficiency air particulate filter high-efficiency particulate air filter; HEPA filter

A filter capable of capturing and retaining at least 99.97% of monodisperse particles having a diameter of 0.3 μm .

2.8

Ship recycling

Designed in the shipbreaking facility to recover parts and materials for reprocessing and reuse, and to properly handle hazardous materials and other materials