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

GB/T 32078.1-2015

**Ships and marine technology -- Breathing apparatus for ships --
Part 1: Emergency escape breathing devices (EEBD) for
shipboard use**

船舶与海上技术 船用呼吸器 第1部分：船用紧急逃生呼吸器（EEBD）
(English Translation)

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Foreword

GB/T 32078 "Ships and marine technology - Marine respirator" is divided into four parts.

--- Part 1. Marine emergency escape breathing apparatus (EEBD);

--- Part 2. firefighters on board SCBA;

--- Part 3. meet the requirements of the IGC Code IMOIBC and self contained breathing apparatus (safety equipment);

--- Part 4. Conformance IMOIBC and IGC rules require emergency escape self-contained breathing apparatus.

This section GB/T Part of 132,078.

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

This section uses redrafted Law Amendment uses ISO 23269-1:2008 "Ships and marine technology respirator Part 1. Boats with emergency escape breathing apparatus (EEBD) ".

The presence of structural changes compared to 2008, before and after the order of Chapter 3 in terms of adjusted. this part and ISO 23269-1.

This part of ISO 23269-1:2008 and its technical differences for the following reasons.

--- On normative references, this part has been adjusted technical differences, in order to adapt our technical conditions, the adjusted situation Focus is reflected in the status of Chapter 2, "Normative references", the specific adjustments are as follows.

- equivalents adoption of international standards GB/T 12586 replaced by ISO 7854 (see 6.13.1);

- equivalents adoption of international standards GB/T 10125 replaced by ISO 9227 (see 5.6).

--- EN1146:1997 is EN1146:2005 alternative, specific changes are as follows.

- Chapter 2 EN1146:1997 is amended as EN1146:2005, the standard name be amended

accordingly;

- 6.8 in "EN1146:1997 7.10" to the corresponding "EN1146:2005 7.14."

--- Two normative references cited in the file to reference, specifically the following documents.

- International Convention for the Safety of Life at Sea, 1974 (SOLAS) amendments to Article II-2 chapter;

- IMO International Fire Safety Systems (FSS Code).

This part made the following editorial changes.

--- Remove the ISO 23269-1:2008 foreword, introduction, and references;

--- Use the "part of the" alternative "ISO 23269 this part." this part of the National Standardization Technical Committee shipboard loading (SAC/TC129) centralized.

This section drafted by. China Shipbuilding Industry Corporation seventh - four Research Institute, Shanghai Eagle Safety Equipment Co., Ltd.

1 Scope

GB/T 32078 provisions of this part of the marine emergency escape breathing apparatus general design requirements, environmental adaptability, performance, operation Test, instructions for use and labeling.

This section applies to the marine environment from dangerous gas evacuation shelter and provide the required cabin air or oxygen emergency escape call Respirator.

This section does not apply to fire-fighting operations, anoxic space, or for firemen wearing breathing apparatus used.

NOTE: For marine emergency escape respirator requirements of this provision is the International Convention for the Safety of Life at Sea, 1974 (SOLAS) (2000 amendments) the first chapter II-2 Part D as well as international regulations IMO Fire Safety Systems (FSS Code) Chapter 3 are consistent.

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 any amendments) applies to this document.

GB/T 10125 artificial atmosphere corrosion test salt spray test (GB/T 10125-2012, ISO 9227:2006, IDT) GB/T 12586 Rubber or plastic coated fabrics - Determination of flex resistance destructive (GB/T 12586-2003, ISO 7854:1995, IDT) ISO 4674-1 Rubber or plastic coated fabrics - Determination of tear resistance - Part 1. Constant tear method

(Rubber-orplastics-coatedfabrics-Determinationoftearresistance-Part 1.
Constantrateoftearmethods) EN1146:2005 Respiratory protective devices for escape
hooded self open compressed air breathing apparatus - Requirements, testing and marking
(Respiratoryprotectivedevices-Self-containedopen-circuitcompressedairbreathingapparatusi
ncor-poratingahoodforescape-Requirements, testing, marking)

3 Terms and Definitions

The following terms and definitions apply to this document.

The competent authorities competentauthority Organization flag granted State
administration, or by administration authorized to exercise the functions specified in this
standard.

Stand respirator ready-for-useapparatus is available, complete, operable emergency
escape breathing apparatus.

Breathing bag Changes to compensate when the air supply, and to meet the peak demand
of the suction device.