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

GB 44018-2024

Line-throwing appliances for ship

船用抛绳器

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Foreword

This document is in accordance with the provisions of GB/T 1:1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting: Please note that some of the contents of this document may involve patents: The issuing organization of this document does not assume the responsibility for identifying patents: This document is proposed and coordinated by the Ministry of Transport of the People's Republic of China: Marine rope thrower

1 Scope

GB 44018-2024 is the Chinese national standard on line-throwing appliances for ship, in the field of shipbuilding and marine structures. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 29 April 2024 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 November 2024. Classification: ICS 47.020.50, CCS U27. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the general requirements, technical requirements, inspection rules, marking, packaging, transportation and storage of marine rope throwers, and describes the corresponding experiment method: This document applies to the production and inspection of rocket-driven marine rope-throwing devices used for rescue operations on ships and offshore installations in distress:

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document: For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document: GB/T 2423:

1 Environmental testing for electric and electronic products Part 2: Test methods Test A: Low temperature GB/T 2423:

2 Environmental testing for electric and electronic products Part 2: Test methods Test B: High temperature GB/T 2423:

3 Environmental testing Part 2: Test method Test Cab: Steady state damp heat test GB/T 2423:

17 Environmental testing for electric and electronic products Part 2: Test methods Test Ka: Salt spray GB/T 2423:

22 Environmental testing Part 2: Test method Test N: Temperature change

3 Terms and definitions

The following terms and definitions apply to this document: 3:

1 Launch distance The horizontal projection distance between the launch point and the landing point of the ship's line throwing device: [Source: GB/T 27906-2011, 3:3, modified]

4 General requirements

1 Structure The marine rope throwing device (hereinafter referred to as the "rope throwing device") shall at least consist of a firing handle, a protective ring, a gun body, a steel wire rope, a towing rope rack, a propelling rocket, and a throwing rope: The schematic diagram of the rope throwing device is shown in Figure 1: