

ICS 47.020.50

CCS R55



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

GB/T 16560-2011

Replacing GB 17868-1999

Deck decompression chamber

甲板减压舱

Issued on: July 20, 2011

Implemented on: December 1, 2011

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

1 Scope	
2 Normative references	
3 Terms and Definitions	
4 Category	
5 Requirement	
6 Test methods	
7 Inspection rules	14
8 signs and instructions	15
9 packaging, transportation and storage	9

Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard replaces GB/T 16560-1996 "deck decompression chamber" and GB 17868-1999 "technical requirements for fire safety in the pressurized cabin." This standard compared with GB/T 16560-1996, the main changes are as follows:

- Modify the deck decompression chamber is defined (see 3.1);
- Deck decompression chamber for a new classification (see Chapter 4);
- Increased sanitation specific security requirements (see 5.3.3);
- Added chamber depth (pressure) Table of requirements (see 5.3.5);
- Increased decompression pipe, tubing and hoses oxygenating setup requirements (see 5.4.1.2, 5.4.2.9);
- Increased II class deck decompression chamber control room requirements (see 5.4.3.1);
- Increasing the water tank fire extinguishing system requirements (see 5.3.13.2);
- Increased the entrance to the motor safety requirements (see 5.5.1.5). This standard compared with GB 17868-1999, the main changes are as follows:
 - Retains the fire safety requirements and related compartments only, delete the relevant fire and building safety requirements (see 5.3.13). The standard proposed by the Ministry of Transport of the People's Republic of China. This standard is under the jurisdiction of the Ministry of Transport and salvage underwater engineering Standardization Committee. This standard was drafted. Shanghai Salvage Bureau diving equipment factory in Wuhu. The main drafters of this standard. Hong Liyun, a Cheng Hong, Jiang Wei, Ke Wenhai, can Yin Shun, Xu Shenghua, NITRIC, only the light side, GE Ping, Cai Tao. This standard replaces

the standards previously issued as follows:

--- GB/T 16560-1996;

--- GB 17868-1999. Deck decompression chamber

1 Scope

GB/T 16560-2011 is the Chinese national standard on deck decompression chamber, in the field of shipbuilding and marine structures. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 20 July 2011 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 December 2011. Classification: ICS 47.020.50, CCS R55. 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 standard specifies the deck decompression chamber product classification, requirements, test methods, inspection rules, signs and instructions for use and packaging, transport and Storage. This standard applies to all kinds of steel deck decompression chamber.

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 191 Packaging - Pictorial signs

GB 3836.4-2010 Explosive atmospheres - Part 4. the intrinsically safe "i" protection equipment

GB/T 7134 Industrial casting plexiglass plate

GB 9706.1-2007 Medical electrical equipment - Part 1. General requirements for safety

GB/T 12243 Spring loaded safety valves

GB 18435 and diving breathing gas detection method

GB 50222 interior decoration of buildings for fire protection design CB3022 signal externally threaded air valve HG20202 skimmed construction and acceptance

JB/T 4730.1 Non-destructive testing of pressure equipments - Part 1. General requirements

JB/T 4730.2 Non-destructive testing of pressure equipments - Part 2. ray detector

JB/T 4730.3 Non-destructive testing of pressure equipments - Part 3. Ultrasonic testing

JB/T 4730.4 Non-destructive testing of pressure equipments - Part 4. Magnetic particle testing

JB/T 4730.5 Non-destructive testing of pressure equipments - Part 5. penetrant testing JT/T 742 200m helium-oxygen saturation diving gas configuration requirements China Classification Society "diving systems and submersibles into the Classification and Construction" (1996) China Classification Society "Materials and Welding"

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Mounted on ships or offshore platforms for diving and employees live outside the control cabin pressure differential devices.

3.2 Main cabin mainchamber Deck cabin decompression with the necessary facilities for use by practitioners of diving chamber.