

Subject

Pressure Test of Cylinders of High Pressure CO₂ fire-extinguishing systems on board Denmark Flagged Vessels

ClassNK

Technical Information

No. TEC-0799
Date 15 January 2010

To whom it may concern

Danish Maritime Authority has noticed ClassNK of the Administration Requirements for pressure test of cylinders of high pressure CO₂ fire-extinguishing systems on board Denmark flagged vessels as per attached (DMA Class Circular no.: 06/2009). In this regard, your necessary action would be appreciated.

For cylinders of high pressure CO₂ fire-extinguishing systems are to be pressure tested in accordance with the following principles:

- 1. CO₂ cylinders are to be pressure tested every ten years.
- 2. If, at an external inspection in connection with the annual surveys, the CO₂ cylinders are in a satisfactory condition, the first pressure test interval may be extended to 20 years. However, this relaxation is not applicable to the following cylinders:
 - (1) Cylinders that have been discharged during their service history.
 - (2) Cylinders that have lost their pressure or weight.
 - (3) Cylinders that have corroded or been externally damaged.

For any questions about the above, please contact:

NIPPON KAIJI KYOKAI (ClassNK)
Survey Department, Administration Center, Head Office
Address: 4-7 Kioi-cho, Chiyoda-ku, Tokyo 102-8567, Japan
Tel.: +81-3-5226-2027 / 2028
Fax: +81-3-5226-2029
E-mail: svd@classnk.or.jp

Attachment:

1. DMA Class Circular no.: 06/2009

NOTES:

- ClassNK Technical Information is provided only for the purpose of supplying current information to its readers.
- ClassNK, its officers, employees and agents or sub-contractors do not warrant the accuracy of the information contained herein and are not liable for any loss, damage or expense sustained whatsoever by any person caused by use of or reliance on this information.
- Back numbers are available on ClassNK Internet Homepage (URL: www.classnk.or.jp).



Danish Maritime Authority

Page: 1 of 1

DMA Class Circular no.: 06/2009

Category: CO₂ cylinders used in fire-extinction systems

DMA reference: 200902425-6

Date: 7. September 2009

Approved by: Erik Tvedt



Subject:
Pressure test of CO₂ cylinders

Rule reference:

DMA Notice B, Chapter II-2 N(1), "Supplement to the provisions of the Fire Safety System Code (FSS-Code), Chapter 5, art. 2.1 and 2.2" Part A High pressure CO₂ fire-extinguishing systems, regulation 3.6

Explanatory note:

On board Danish ships the pressure test intervals for CO₂ cylinders used in fire-extinction systems can be extended in accordance with the following principles:

1. CO₂ cylinders must be pressure tested every ten years.
2. If, at an external inspection in connection with the annual surveys, the CO₂ cylinders are in a satisfactory condition, the first pressure test interval may be extended to 20 years. This does not apply to CO₂ cylinders that have been discharged, have lost their pressure or weight, have corroded or been externally damaged. Subsequent pressure tests must be made at intervals of 10 years."

The Recognised Organisations are authorized to issue this extension in accordance with the conditions stated above.

Action Required:

The ROs are requested to update their country file/checklists for Danish flagged vessels accordingly.

For questions to the above please contact:

The Danish Maritime Authority, DMA RO Relations, cfs@dma.dk phone: +4539174586