
	SHIPS CLASSIFICATION MALAYSIA			
	SCM CIRCULAR			
QUALITY MATTERS	TO SHIOWNERS, MASTERS, AGENTS AND RELEVANT INTEREST PARTIES			
	Issue No	6/2009	Issue Date	10 December 2009
TITLE	Fixed CO2 extinguishing systems for vessel constructed before 01 July 2002 .			

Attention is drawn to owners and operators of vessels built before 01st July 2002 fitted with a fixed CO2 extinguishing system for the protection of machinery spaces and cargo pump rooms.

SOLAS Ch II-2 has been amended with a new paragraph 4.1.5 after the existing paragraph 4.1.4:

“4.1.5: By the first scheduled dry-docking after 1 January 2010, fixed carbon dioxide fire-extinguishing systems for the protection of machinery spaces and cargo pump-rooms on ships constructed before 1 July 2002 shall comply with the provisions of paragraph 2.2.2 of chapter 5 of the Fire Safety Systems Code.”

Paragraph 2.2.2, Chapter 5 of the Fire Safety Code states:

1. Two separate controls shall provide for releasing carbon dioxide into protected area and to ensure the activation of the alarm.
 - a. One control shall be used for opening the valve of the CO₂ system piping.
 - b. Second control shall be used to discharge gas from storage containers.
2. Both controls shall be located inside a release box clearly identified for the particular space. (If the box containing the controls is to be locked and the key to the box shall be placed in break glass-type enclosure located adjacent to the box)

Owners with CO2 systems which do not comply with this requirement should consult with a CO2 system manufacturer (wherever possible this should be the manufacturer of the CO2 system on board) who should submit the following to SCM for approval:

- the general arrangement of the CO2 system showing the position of the release box on the vessel
- a schematic diagram of the CO2 release arrangements
- an electrical schematic diagram of the CO2 system release system
- details of additional components supplied
- the operating instructions for the release system.

Once the above information has been examined and approved by SCM, owners should make arrangements for the modifications to be carried out and surveyed in accordance with the approved arrangements.



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