



TÜRK LOYDU

TECHNICAL CIRCULAR

Circular No: S-P 01/14

Revision: 0

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Date: 17.06.2014

Related Requirement: MSC.1 / Circ. 1324

Subject: Amendments to the revised standards for the design, testing and location of devices to prevent the passage of flame into cargo tank in tankers

The design, testing and location of devices (flame screen, flame arrester, high velocity device and other equipment (e.g. detention arresters in line valves), etc.) to prevent the passage of flame into cargo tanks in chemical and oil/chemical tankers prescribed in MSC/Circ.677 was amended to MSC.1/Circ.1324 as follows.

1. Amendment

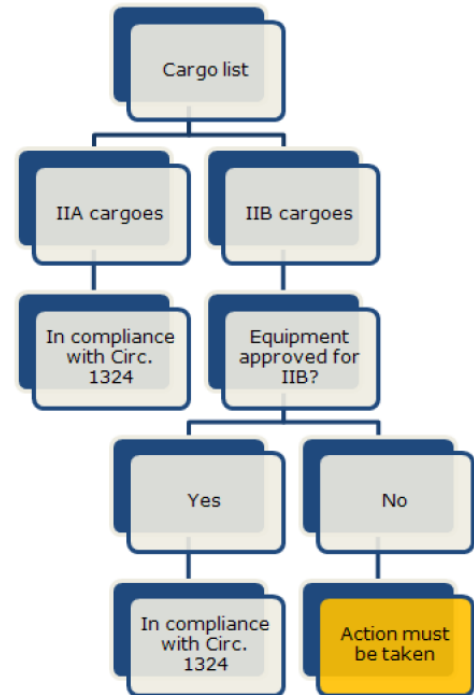
The devices on chemical and oil/chemical tankers certified for the carriage of chemicals which are required to follow the apparatus group IIB (including no description of apparatus group) or IIC, based on the apparatus group assigned as per column i" in the table of the IBC Code, Chapter 17, should be tested with the ethylene (apparatus Group IIB) or hydrogen (apparatus Group IIC).

Accordingly, it is necessary to install the suitable devices for the carried chemicals as the amendment.

Complying with MSC.1/Circ. 1324

Ship owners can ensure that they are in compliance with MSC.1/Circ. 1324, by going through the following process to check whether a ship is in compliance with MSC.1/Circ. 1324:

1. If the ship's cargo list contains only IIA cargoes, then the devices to prevent passage of flame into cargo tanks are in compliance with Circ. 1324.
2. If the ship's cargo list contains any IIB cargoes, the ship owner must check whether the equipment installed is approved for IIB.
 - a. If the equipment installed is already approved for IIB, then the devices to prevent passage of flame into cargo tanks are in compliance with Circ. 1324.
 - b. If, however, the installed equipment is not approved for IIB, action must be taken to achieve compliance with Circ. 1324.



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2. Application

- New ships: The MSC.1/Circ.1324 is applied to the ships constructed on or after 1 January 2013.
- Existing ships: The MSC.1/Circ.1324 is applied to the existing ships constructed before 1 January 2013, no later than the first scheduled dry-docking carried out on or after 1 January 2013. The existing ships are required to comply with following (i) or (ii).

i) Exchange the devices: In case where the devices are not tested and approved as suitable apparatus group for the carried chemicals, the devices in ships should be exchanged for the suitable devices.

In case where the ships comply with either one of the following conditions, it is not required to exchange the devices.

- The existing devices are tested and approved as suitable devices (IIB (including no description of apparatus group) or IIC) for the carried chemicals.
- The ships carry the only chemicals for which "Open" is listed in column g in the table of the IBC Code, chapter 17.

ii) Issuance of the revised chemical certificate of fitness: In case where ships do not exchange the existing devices, such ships need to have the revised chemical certificate of fitness excluding chemicals which are required to follow the apparatus group IIB (including no description of apparatus group) or IIC.