



Technical Circular

No.: 032/2018

Date: 27th April 2018

To whomsoever it may concern

Subject: Quality Issue in COSMO MED & Type Approved Fire Doors – Faulty A-60, A-0 and B-15 Fire Doors.

- Reference is made to our Technical Circular No. 103/2017, dated 11th August 2017 regarding partly missing insulation materials inside the fire doors.
- COSMO Co., Ltd. vide Notice Letter dated 02 August 2017 had stated that insulation material is partly missing from the upper parts, sides and bottom of the fire doors manufactured by COSMO and matching the following criteria may be affected:
 - A-60, A-0 and B-15 class fire doors:
 - Certified to MED Modules B and D, Type-approved and certified by DNV-GL; and
 - Produced between November 2013 and July 2017.
- Republic of Marshall Islands has now issued Marine Safety Advisory No. 12-18 (copy attached) informing that subsequent testing and analysis has confirmed that the affected A-0 and B-15 doors as above meet the requirements as set out in part 3 of the International Maritime Organization (IMO) 2010 International Code for Application of Fire Test Procedures (2010 FTP Code), and these doors may remain in service as-is.
- However, the affected A-60 rated doors require an on-board repair in order to assure that these A-60 doors meet the requirements of the IMO 2010 FTP Code.
- COSMO has advised below onboard check to determine whether the fire doors are affected by the quality issue:
 - Remove a rivet or hinge bolt on the side of the door.
 - Insert a metal pin through this rivet/bolt hole and check for insulation.
 - If a door is found to be missing insulation, please inform COSMO at:

COSMO CO., LTD.
20, Myenognyesandan 2-ro,
Jangan-eup, Gijang-gun,
Busan, Korea
Tel: +82 51 519 9900



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- COSMO has also established a repair procedure, CD-RP-01, Rev.8 to address this issue, available from them either by telephone (+82 51 519 9900) or by email at cosmoqm@bn-cosmo.com
- Alternatively, any affected doors may be replaced at the option of the Owner/Operator, with certification confirming that the replaced doors satisfy all requirements of the 2010 FTP Code.
- Owners and operators of vessels with aforementioned doors are advised to check the fire doors to determine whether they are affected by the quality issue and accordingly contact the COSMO Co., Ltd. and the vessel's Classification Society for further course of action.
- Pending rectification of the defects, owners and operators of affected vessels are advised to take mitigation measures due to the increase in risk to the safety of the vessel. These measures may include, but are not limited to, additional/more frequent watch/fire patrols, additional precautions when conducting hot-work, and arranging fire hoses so that they are readily available near the affected doors.

Enclosure:

1. Republic of Marshall Islands Marine Safety Advisory No. 12-18.

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