DNV·GL

Certificate No:
MEDB00001UA

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:

That the Fire dampers

with type designation(s)
SJ-A0-PFD

Issued to
Seongjee Engineering Co., Ltd.
Busan, Republic of Korea

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2015/559,**
Annex A.1, item No. A.1/3.22 and Annex B, Module B in the Directive; SOLAS 74 as amended, Regulation II-2/9 and IMO 2010 FTP Code

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2021-10-05**.

Issued at **Høvik** on **2016-10-17**

DNV GL local station:
Busan

Approval Engineer:
Tomasz Werchowicz

Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

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Product description

"SJ-A0-PFD" - A-0 Fire Damper
a single/multiblade rectangular fire damper with manual/automatic operation. Damper blades are made from 3 mm stainless steel and damper casing is made from min. 3 mm stainless steel. Damper can be fitted with pneumatic or electrical acuators.

The damper to be fitted with inspection hatch and open/close indication.

For further details see test report listed under Type Examination documentation below.

Application/Limitation

Approved for use in ducts penetrating class A-0 steel bulkheads. Other applications are subject to caseby-case approval.

Max. fire damper size: 1350 x 2022 mm (W x H)
Min. fire damper size: 150 x 200 mm (W x H)

The arrangement of the fire damper and necessary insulation of damper frame and ducting in the vicinity of the partition is subject to approval in each case.

Steel thickness of damper casing to be equal to or greater than thickness of duct/sleeve required by the rules if the damper casing is part of the duct/sleeve.

The insulation used is to be regarded as minimum insulations for all fire rating and is not to be removed if the fire damper is to be used in division with lower fire ratings.

The damper shall be capable of being closed form both sides of the bulkhead.

Each product is to be supplied with its manual for installation, use and maintenance.

Type Examination documentation

Test report No. KOMERI-0402-11T461 dated 5th September 2011, from Korea Marine Equipment Research Institute, Busan, Korea.

Technical drawings from manufacturer attached to above test report.

Tests carried out

Tested according to IMO FTPC Part 3 and in compliance with IMO 2010 FTP Code Ch. 8.

Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation, fire-technical rating, MED Mark of Conformity and USCG approval number if applicable (see fist page).