DNV·GL

Certificate No:
MEDB000061K

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 Norway.

This is to certify:

That the Fire Doors

with type designation(s)
WALL HATCH TYPE 27275

Issued to
Norac AS
Arendal, Norway

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2019/1397,**
item No. MED/3.16. SOLAS 74 as amended, Regulation II-2/9, IMO 2010 FTP Code and IMO MSC.1/Circ.1511, IMO MSC.1/Circ.1319

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

This Certificate is valid until **2024-10-28**.
Issued at **Høvik** on **2019-10-29**

DNV GL local station:
Kristiansand S

Approval Engineer:
Grzegorz Wolski

Notified Body
No.: **0575**

for **DNV GL AS**

Roald Vårheim
Head of Notified Body

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005.

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.
This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.
Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

NORWEGIAN ACCREDITATION PROD 019

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Product description

"WALL HATCH TYPE 27275"
Consists of 20 mm "RockWool Searox SL 490" of density 250 kg/m^3 manufactured by RockWool bonded to 0.6 mm galvanised steel sheets each side. The hatch is fitted with a double action pawl latch (7 mm square key lock, a three point lock with 2 espagnolette bolts 8 mm x 8 mm), continuous piano hinges (4 mm). The hatch frame is fixed to the bulkhead with 3 pieces of Ø3.2 x 10 mm pop-rivets.

Total thickness of hatch leaf A is 20 mm.

Application/Limitation

Hatch is approved for use as an integrated part of B-15 bulkheads.

Max. hatch size is 600 mm x 1600 mm (W x H)
Max. clear opening is 500 mm x 1500 mm (W x H)

The 2 espagnolette bolts may be omitted for hatches with max. size 600 mm x 600 mm (W x H).

The insulation materials and adhesives used have to be approved according to the Marine Equipment Directive and bear the Mark of Conformity. This requirement may also be applicable for surface materials used, if required by relevant rules and regulations.

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

Type Examination documentation

Test Report No. 777-19TML-IMO dated 07 June 2019 from TUV Eestii, Maardu, Estonia.

Statement ST 006-19 dated 21 June 2019 from TUV Eestii, Maardu, Estonia.

Drawing No. 1210-317-001 Rev.0 dated 02 January 2019 from manufacturer.
Drawing No. 1210-317-002 Rev.0 dated 02 January 2019 from manufacturer.

Tests carried out

Tested according to IMO 2010 FTP Code Part 3.

Marking of product

The product is to be marked with name and address of manufacturer, type designation, fire technical rating, the MED Mark of Conformity and USCG Approval Number if applicable (see first page).