DNV·GL

Certificate No:
MEDB000009C

EC-TYPE EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2014/93/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. 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 Doors

with type designation(s)
BIP CAH-35: B-15 Class Access Hatch

Issued to
BIP Industries Co., Ltd.
Gyeongsangnam-do, Republic of Korea

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/3.16 and Annex B, Module B in the Directive. SOLAS 74 as amended, Regulation II-2/and IMO 2010 FTP Code

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

Høvik, 2015-10-07
for **DNV GL AS**

This Certificate is valid until
2020-10-06

Notified Body No.: **0575**

Vidar Dolonen
Head of Department

DNV GL local office:
Pusan

Øyvind Hoff
Surveyor

Product description

"BIP CAH-35: B-15 Class Access Hatch"
a ceiling access hatch composed of a hinged single hatch leaf with hatch frame and locking arrangement.

The hatch leaf is composed of a 35 mm thick insulation core of mineral wool with nominal density 140 kg/m^3 (from KCC Corporation, Korea), covered on each side with 0.6 mm thick steel sheets.

The hatch frame is composed of 1.6 mm thick folded steel plates that are screwed to the ceiling (via support channels).

The hatch is attached to the frame with a stainless steel piano hinge, and locked in position with a 2-point locking pin device.

For further details, see the drawings listed under Type Examination documentation below.

Application/Limitation

Approved for use as an integrated part of BIP B-15 class ceiling panels, or equivalent.

Max. size of hatch: 890 x 790 mm (W x L)
Max. hatch clear opening: 800 x 700 mm (W x L)

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.

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

Type Examination documentation

Test Report No. AK2015-0434 dated 05 Aug. 2015 from Fire Insurers Laboratories of Korea (FILK), Korea.

Drawing No. F2015-CAH35-R0 (8 pages) dated 15 June 2015 from BIP.

Tests carried out

Tested according to IMO 2010 FTP Code part 3.

Marking of product

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

Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

Module D: The quality system for production and testing shall be approved by the Notified Body.

Module E: The quality system for inspection and testing shall be approved by the Notified Body.

Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a Certificate of Conformity.

USCG Approval

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.