

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB000009C
Revision no.:
3

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 AS under the authority of the Government of Norway.

This is to certify:

that the **A' & 'B' Class divisions fire integrity: - 'B' class division**

with type designation(s)

BIP CAH-35: B-15 Class Access Hatch

issued to

BIP Industries Co., Ltd. Goseong
Goseong-gun, Korea, Republic of

is found to comply with the Implementing Regulation **(EU) 2025/1533** for

Item no. **MED/3.11b** (Row 1 of 1)

according to the following requirements:

SOLAS 74 Reg. II-2/3.4, SOLAS 74 Reg. II-2/9, IMO MSC.1/Circ.1581, IMO MSC/Circ.1120

(Manufacturers authorised representative)

Movena GmbH

Bremen, Reeder-Bischoff-Str. 65, D-28757, Germany

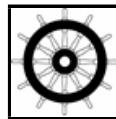
Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2025-10-27**

Expiry date: **2030-10-26**

DNV local unit:
Busan, CMC Korea

Approval Engineer:
Helge Bjørnarå



Notified Body
no.: **0575**

for **DNV AS**



Digitally Signed By:

Christine Mydlak-Röder

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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, and amended by Decision No 1/2023 dated August 21st, 2023.

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 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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.



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 33.5 mm mineral wool (density 140 kg/m³, manufactured by KCC Corporation) covered with 0.6 mm steel plate on both sides.

Total thickness of hatch leaf: 35 mm.

The hatch frame is composed of 1.6 mm 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 3-way locking device.

For further details, see drawing listed under Type Examination documentation.

Application/Limitation

Approved for use as an integrated part of a horizontal fire retarding division of class B-15.

Approved for installation in the tested ceiling BIP C-162 from BIP Industries. Installation in other ceilings may be approved case-by-case. Ceiling has to be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

Maximum hatch size: 890 mm x 790 mm (W x L).

Maximum hatch clear opening: 800 mm 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 maintenance.

Type Examination documentation

Document No.	Rev.	Title
AK2015-0434		Test report dated 5 August 2015 from FILK, Gyeonggi-Do, Korea
F2015-CAH35-R0		Drawing dated 15 June 2015 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 Mark of Conformity and USCG Approval Number if applicable (see first page).