

EC-TYPE EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2013/52/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 "B" Class divisions, fire integrity

with type designation(s)
Type Class B-15 Ceiling Hatch

Issued to

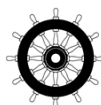
INEXA Interiors (Nantong) Co., Ltd.
Nantong City JIANGSU, China

is found to comply with the requirements in the following Regulations/Standards:

Annex A.1, item No. A.1/3.11b and Annex B, Module B in the Directive. SOLAS 74 as amended, Regulation II-2.3.4.4. and IMO 2010 FTP Code.

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

Høvik, 2015-07-23
for **DNV GL AS**



This Certificate is valid until
2020-07-22

Notified Body No.: **0575**

Petter Langnes
Head of Department

DNV GL local office:
Nantong CMC

Synnøve Bolstad Eri
Surveyor

Product description

"Type Class B-15 Ceiling Hatch"

is a single leaf hinged hatch. The hatch leaf consists of an insulation core of 33 mm thick rock wool, type "ABM-SR" and density 150 kg/m³ (manufactured by Shanghai ABM-SR Rock Wool Co., Ltd.), faced on both sides with 0.56 mm thick steel plates (bonded with adhesive).

Total thickness of hatch leaf: 33 mm

The hatch leaf is attached to the hatch frame by one hinge installed along one side and two locks on the other side. The Z-type hatch frame is made from 1.5 mm thick steel, and may be fixed by 22 self tapping screws (Ø4.2x16mm) or welded to the ceiling.

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

Application/Limitation

Approved for use in a horizontal fire retarding division of class B-15.

Approved for installation in ceiling of type "C64 B-15 type B-15 class ceiling". Installation in other ceilings may be approved case-by-case.

Max. size of the hatch leaf:	826 x 828 mm (W x L)
Max. clear opening of the hatch:	800 x 800 mm (W x L)

Hatch leaf opening towards exposed side.

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, use and maintenance.

Type Examination documentation

Test report No. FT14382 dated 5 December 2014 from Far East Fire Testing Centre (FEFTC), Shanghai, China. (Ceiling with hatch)

Test report No. FT07133 dated 11 June 2007 from Far East Fire Testing Centre (FEFTC), Shanghai, China. (Ceiling)

Drawing No. TNF-20141103-1 (10 pages) dated 14 November 2014 from the manufacturer.

Tests carried out

Tested according to IMO 2010 FTP Code Part 3.

Marking of product

The product or packing is to be marked with name of manufacturer, type designation, fire technical rating, the MED Mark of Conformity and USCG Approval Number if applicable (see page 3).

Job Id: **344.1-004816-1**
Certificate No: **MEDB0000039**

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.