



DET NORSKE VERITAS

EC TYPE-EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2002/75/EC, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. MED-B-5020

This Certificate consists of 3 pages

This is to certify that the product

Fire Doors

with the type designation(s)

B-15 HINGED DOOR TYPE G007

Manufactured by

NORAC Baggerød A/S
HORTEN, Norway

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-2/9.4.1.1.2, II-2/9.4.1.2.1 & II-2/9.4.2 and IMO FTP Code

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

Place and date

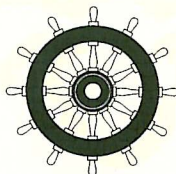
Høvik, 2009-01-07

for DET NORSKE VERITAS AS

Eivind Mykland

Manager, MNBNA840

Maritime Approval Centre Norway



Notified Body No. 0575

This Certificate is valid until

2014-01-07

Øyvind Hoff

Surveyor



DNV local office:
DNV Kristiansand S



Notice: The certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended.

The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.



Cert. No.: MED-B-5020
Case No.: EC-FP-130 /
344.1-001698-1
File No.: A.1/3.16

Product description

“B-15 Hinged Door Type G007”

composed of single leafed hinged door with doorblades composed of 1,0 mm stainless steel sheets and an insulating core of 40 mm “Rockwool Firebatt 150” of density 150 kg/m³.
The door is fitted with three hinges. Total doorblade thickness is 40 mm.

The door may be fitted with a window consisting of 15 mm Pilkington Pyrostop A/B 15. For further details, see test report PG 11239.

The door may also be fitted with a kickout panel (600 x 580 mm (width x height)) and ventilation grating (330 x 210 mm (width x height)). For further details, see test report PG11919.

Application/Limitation

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

Max. clear door opening: 1000 x 2120 mm (W x H).

Max. size of exposed fire technical glazing unit: 404 x 604 mm (W x H).

The insulation materials used and surface materials used have to be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

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

Type Examination documentation

Test Report: File No. PG 11239 Serial No. 9030 dated 4 September 2003 from DIFT, Copenhagen Denmark.

Test Report: File PG11919 Serial No. 11801 (for kickout panel with ventilation grating) dated 28 November 2008 from DIFT, Copenhagen, Denmark.

Tested according to IMO FTPC Part 3 (IMO Res. A.754(18)).

Marking of product


The product is to be marked with name of manufacturer, type designation and fire-technical rating and Mark of Conformity (see page 3).





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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 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

An 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.

USCG approval limitations:

The approval is limited to fire doors without windows and doors with total window area of 645 cm², or less, in each door leaf. For larger windows, USCG shall be contacted.

END OF CERTIFICATE

