



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 2009/26/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-6454**

This is to certify that the
Fire Doors

with type designation(s)
B-15/30 Hinged Door, Type G007

Manufacturer
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/and IMO FTP Code

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

Høvik, 2010-09-23
for **Det Norske Veritas AS**




This Certificate is valid until
2015-09-23



Eivind Mykland
Head of Department

Notified Body No.: **0575**

DNV local office:
Sandefjord



Rolf Emilsen
Surveyor



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.



Certificate No.: MED-B-6454
Item No.: A.1/3.16
Job Id.: 344.1-002762-1

Product description

"G007"

composed of single leafed hinged door with doorblade composed of 0.7 mm stainless steel sheets and an insulating core of 39 mm "Rockwool Firebatt 150" of density 150 kg/m³.

Total doorblade thickness 39 mm.

The door is fitted with three hinges.

Approved for use as an integrated part of fire retarding division of class B-30.

"G007 L35"

composed of single leafed hinged door with doorblade composed of 0.7 mm PVC coated steel sheets and an insulating core of 39 mm "Rockwool Firebatt 150" of density 150 kg/m³.

Total doorblade thickness 39 mm.

The door is fitted with three hinges.

Approved for use as an integrated part of fire retarding division of class B-30.

"G007 L41"

composed of single leafed hinged door with doorblade composed of 0.7 mm PVC coated steel sheets and an insulating core of 45 mm "Rockwool Firebatt 150" of density 150 kg/m³.

Total doorblade thickness 45 mm.

The door is fitted with three hinges.

Approved for use as an integrated part of fire retarding division of class B-30.

"G007 LS39"

composed of single leafed hinged door with doorblade composed of 0.7 mm PVC coated steel sheets and an insulating core of 45 mm "Rockwool Firebatt 150" of density 150 kg/m³. The door is fitted with ventilation louvres in lower and upper halves of doorblade.

Total doorblade thickness 45 mm.

The door is fitted with three hinges.

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

For further details see drawings mentioned under Type Examination documentation below.

Application/Limitation

Approved for use as an integrated part of fire retarding division of class B-15/B-30 (see above).

Max. clear opening 750 x 1900 mm (W x H).

The insulation materials, any surface materials and adhesive 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. G 10215 Serial No. 6310 dated 18 November 1996 from DIFT, Copenhagen Denmark and No. 250000.20/90.134, dated 15 February 1990 from SINTEF NBL, Trondheim, Norway.

Product	Drawing No.
G007	BH51-G10
G007 L35	BH51-B01
G007 L41	BH53-B01
G007 LS39	BH53-B02

Tested according to IMO FTPC Part 3 (IMO Res. A.754(18) and Res. A.517(13)).

Marking of product

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





Certificate No.: MED-B-6454
Item No.: A.1/3.16
Job Id.: 344.1-000129, 344.1-002762-1

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

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.

