

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Class H Door

with type designation(s)
Class H-120 Hinged Door

Issued to

Baggerød AS
HORTEN, Norway

is found to comply with
DNV GL offshore standards

Application :

Approved for use as an integrated part of fire retarding divisions of class H-120.
Maximum size of clear opening: 1000 x 2142 mm (w x h).

This Certificate is valid until **2021-06-09**.

Issued at **Høvik** on **2016-06-10**

DNV GL local station: **Sandefjord**

Approval Engineer: **Tessa Biever**

for **DNV GL**

Petter Langnes
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

Product description

"Class H-120 Hinged Door"

composed of single leaf door with door blade composed of 2 mm thick steel plates on each side of an insulation core of 5 x 25 mm ceramic fibre of type Firemaster Blanket X-607 of density 128 kg/m³.

The door is fitted with four hinges and three locks.

The 3 mm thick door frame is bolted to the steel bulkhead using M8x30 bolts/nuts with 155 mm spacing. The door frame may also be welded to the bulkhead.

Total thickness of door blade is 129 mm.

Intumex strips are mounted to the door frame (ref. dwg. BH100-G02).

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

Application/Limitation

Maximum size of door leaf: 1180 x 2341 mm (width x height).

The door is approved for installation in steel bulkheads of class H-120. Installation of the door in bulkheads made of other materials (aluminium, FRP, etc.) are subject to case-by-case approval.

Any surface materials used on door leaf and door frame have to be approved for smoke and toxicity and low flame-spread characteristics (IMO 2010 FTP Code parts 2 and 5 or IMO FTPC Parts 2 and 5 when in compliance with the 2010 FTP Code Ch. 5.2 and 8) when required according to relevant rules.

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

Type Approval documentation

Certification in accordance with Class Programme DNVGL-CP-0338, October 2015.

Basis for approval:

- Test report No. G 10512 Serial No. 7233, dated 25 June 1999 from DIFT, Copenhagen, Denmark.
- Drawing No's. BH100-G01 dated 03 February 1999, BH100-G02 dated 07 May 1999 and BH100-G03 dated 07 May 1999, all from Baggerød Horten.

Tests carried out

Tested according IMO FTP Code Part 3 and the HC- temperature curve specified in ISO/TR 834-3 (1994) and EN 1363-2.

Marking of product

The product is to be marked with name of manufacturer, type designation and fire-technical rating.

Periodical assessment

DNV GL's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Programme DNVGL-CP-0338, Section 4.