

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB0000354
Revision No:
1

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Daylight signalling lamp

with type designation(s)
NHS200H

Issued to

IBAK Helmut Hunger GmbH & Co. KG
Kiel, Germany

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2017/306**,
item No. MED/4.52. SOLAS 74 as amended, Regulations V/18, V/19 & X/3, IMO Res. A.694(17), IMO Res. MSC.36(63), IMO Res.MSC.95(72), IMO Res. MSC.97(73)

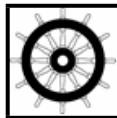
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2022-11-06**.

Issued at **Hamburg** on **2017-11-09**

DNV GL local station:
Hamburg

Approval Engineer:
Didier Girardin



Notified Body
No.: **0098**

for **DNV GL SE**

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Sven Dudzus
Head of Notified Body

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 GL SE 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.



Job Id: **344.1-007378-1**
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Product description

Daylight signalling lamp: NHS 200H
Lamp: Osram Halogen Halostar 64435 2900K 24V/20W G4

Types: NHS 200H 20W/24V HNA (HNA plug)
Types: NHS 200H 20W/24V BG (BG plug)

Ingress Protection IP 56, IP 67

Optional storage bag ABT224 with emergency power source and battery charger

Type Examination documentation

Dwg. 003200040 rev.1 and 003201040 rev.1
GL Test report :9049-12-30442-157 dated 2012-07-16

Tests carried out

Tested according to IEC 60945(2002) incl. corrigendum 1 (2008)), ISO 25861 (2007) and MSC.95(72).

Marking of product

The HML main components are to be marked with:

- Manufacturer name
- Type designation
- Serial No.
- Mark of Conformity