DNV·GL

Certificate No:
MEDB00002VN

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

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 Fire-fighter`s outfit: helmet

with type designation(s)
H1000, H1500, H3000 and FXE

Issued to
Bullard GmbH
Remagen, Germany

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2017/306,**
item No. MED/3.6. SOLAS 74 as amended, Regulation II-2/10 & X/3, 2000 HSC Code 7 and FSS Code 3

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

This Certificate is valid until **2022-07-20**.

Issued at **Hamburg** on **2017-07-21**

DNV GL local station:
Essen

Approval Engineer:
Pavel Golyshev

Notified Body
No.: **0098**

for **DNV GL SE**

Sven Dudszus
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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.

© DNV GL 2014. DNV GL and the Horizon Graphic are trademarks of DNV GL AS.

Product description

"Helmet type H1000, H1500, H3000 and FXE"
The Helmet type "H1000, H1500, H3000 and FXE" (material of the helmet shell: glass fiber reinforced composite) consists of the following combinable components:

Component A: Helmet

No.	Type
A1	Helmet, H1000
A2	Helmet, H1500
A3	Helmet, H3000
A4	Helmet, FXE

Component B: Visors

No.	Type
B1	Visor
B2	Visor carrier
B3	Mesh visor with carrier and adapter

Component C: Neck protection

No.	Type
C1	Neck protection, Dutch Ear-Neck protector, 2-layers
C2	Neck protection, Dutch Ear-Neck protector, 4-layers
C3	Neck protection, Nomex
C4	Neck protection, leather

Component D: Accessory

No.	Type
D1	Ear protection
D2	Bone microphone
D3	Swan microphone
D4	Torchadapter
D5	Browpad
D6	Radio adaption
D7	Helmet reflection stripes

The helmet consists of the following components:

A: Helmet
B: Visor
C: Neck protection
D: Accessory

The helmet may be composed of any combination of the items above (A - D). The Helmet variant "H1000" may also be distributed unpainted, acc. to 1. Supplement dated 05.03.2013.

For further details, see test report, certificates and letters listed under Type Examination documentation below.

Application/Limitation

Approved for use as part of personal equipment of Fire-fighter's outfit.

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

Type Examination documentation

EC Type- Examination Certificate no. PS 10040001 of the „Deutschen Gesetzlichen Unfallversicherung (DGUV)", 42781 Haan (D), dated 26.01.2010.

EC Type- Examination Certificate no. PS 09040004 of the „Deutschen Gesetzlichen Unfallversicherung (DGUV)", 42781 Haan (D), dated 29.05.2009.
Confirmation letter No. 09 1 0276, 09 1 0277 and 09 1 0278 of the „DGUV Test, Prüf- und Zertifizierungsstelle", 42781 Haan (D), dated 01.06.2011.
EC Type- Examination Certificate no. PS 12040003 of the „Deutschen Gesetzlichen Unfallversicherung (DGUV)", 42781 Haan (D), dated 01.02.2012.
Certification Report no. 11 1 0393 of the „DGUV Test", 42781 Haan (D), dated 01.02.2012.
1. Supplement to EC-Type Examination Certificate of the „DGUV Test", 42781 Haan (D), dated 05.03.2013.

Tests carried out

Tested according to EN 443 (2008).

Marking of product

The product is to be marked with name and address of manufacturer, type designation, fire technical rating, the MED Mark of Conformity and USCG approval number if applicable (see first page).