DNV·GL

Certificate No:
MEDB0000486

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)
HPS 4300 type A, HPS 4500 type A, HPS 7000 type B

Issued to
Dräger Safety AG & Co. KGaA
Lübeck, Germany

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2018/773,**
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 **2023-07-09**.

Issued at **Hamburg** on **2018-07-10**

DNV GL local station:
Hamburg

Approval Engineer:
Roland Priebe

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

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Job Id: **344.1-008312-1**
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Product description

"HPS 4300 type A"
is a traditional half-shell helmet with visor and adjustable harness. Various accessories are available. The helmet has a photo luminescent painting and reflective strips. The extreme light helmet provides protection against impacts and penetration at high and low temperatures.

"HPS 4500 type A"
is a traditional half-shell helmet with big visor and adjustable 4-point harness. Various accessories are available. The helmet has a photo luminescent painting and reflective strips. The resistant helmet provides protection against impacts at extreme heat and low temperatures (-40°).

"HPS 7000 type B"
is a multifunctional helmet in ergonomic design. The extreme light helmet is produced for head sizes from 50 to 66 cm, has various individual adjustments and provides high level wearing comfort and optimized thermal and mechanical protection. The helmet is provided with an integrated visor which leaves enough space for the full-face mask FPS 7000 with integrated communication components. Various intercom headsets can also be fitted.
Optional features such as an electrical headlamp or a communications headset shall be of explosion-proof types.

For further details see documents 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

Test reports and other documentations:

HPS 4300 data sheet
Test report: 6498 A/ 09 dated 2009-01-26 from DEKRA EXAM GmbH Essen, Germany
Test report: 6777.1 A/ 09 dated 2009-08-25 from DEKRA EXAM GmbH Essen, Germany
Test report: 6670 A/ 09 dated 2009-05-29 from DEKRA EXAM GmbH Essen, Germany
HPS 4500 data sheet
Test report: 8209.1 A/15 dated 2015-06-08 from DEKRA EXAM GmbH Essen, Germany
HPS 7000 data sheet
Test report: 7443 A/12 dated 31st October 2012 from DEKRA EXAM GmbH Essen, Germany
Test report: 7849 A/13 dated 20th February 2013 from DEKRA EXAM GmbH Essen, Germany
EC Type Examination Certificate 9476 A/18/26 PSA dated 2018-06-29 from DEKRA EXAM GmbH Essen, Germany
Evaluation report 9476E/18/00 PSA dated 2018-06-29 from DEKRA EXAM GmbH Essen, Germany
Dräger HPS 7000 Instructions for use (Edition 10)

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, Notified Body No. and the year of manufacturing.