

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 Firefighters outfit - lifeline

with type designation(s)
Draeger Lifeline - 3362313

Issued to
Draeger Safety UK Limited
Blyth, Northumberland, United Kingdom

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2019/1397**,
item No. MED/3.44. SOLAS 74 as amended Regulation II-2/10 & X/3, 2000 HSC Code 7,
FSS Code 3 and ISO 23269:2011

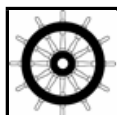
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2025-05-13**.

Issued at **Hamburg** on **2020-05-14**

DNV GL local station:
Manchester

Approval Engineer:
Michael Oberländer



Notified Body
No.: **0098**

for **DNV GL SE**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Product description

"Draeger Lifeline - 3362313" is a lifeline for fire-fighter's outfit, used in connection with a self-contained breathing apparatus. It consists of a 30 m long Kevlar line (15 mm x 1mm) that has a karabiner with a snap-hook gate fitted to a loop at one end. The lifeline fits into a flame resistant pouch on the breathing apparatus waist belt, and the karabiner connects to an anchor strap that is fitted on the breathing apparatus backplate.

For further details please see the documents under Type Examination documentation.

Application/Limitation

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

Type Examination documentation

The following documentation is basis for the DNV GL approval:

- Test report:
 - DEKRA Testing and Certification GmbH / Essen No. 7920/14 dated 2014-01-14
- Drawing: "Safety Line and Pouch Kit" No.362313-00 in the latest revision.
- User Manual: "Lifeline - Instructions for use"
- Technical file approved with NPS job 344.1-010682-1

Tests carried out

Tests carried out confirmed compliance of the product according to IMO Res. MSC.98(73) – FSS Code Chapter 3 2.1.3, IMO Res. MSC.307(88) – 2010 FTP Code Annex 1, Part 1 and ISO 23269-2:2011.

Marking of product

The product or packing is to be indelibly marked with name and address of manufacturer, type designation, the MED mark of Conformity (see page 1) and the year of manufacturing.