



Marine & Offshore  
Division

Certificate number: 14037/C0 EC

File number: ACI 3000/42/01

Annex A1 Item number: A.1/3.44

*This certificate is not valid when presented without the full attached schedule composed of 7 sections*

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Notified Body 0062 - MARINE EQUIPMENT DIRECTIVE 96/98/EC

## EC TYPE EXAMINATION CERTIFICATE

as per Module B of European Union Council Directive 96/98/EC on marine equipment  
as amended by Commission Directive 2012/32/EU

*This certificate is issued to*

**LANKHORST TOUWFABRIEKEN BV**  
DORDRECHT - NETHERLANDS

*for the type of product*

**FIREFIGHTERS OUTFIT - LIFELINE**  
Lifeline with variable length of 30 m up to 95 m

### Requirements:

- SOLAS 74/2009 Convention, as amended Regulations II-2/10 & X/3
- IMO Resolution MSC.98(73)-(FSS Code) 3
- IMO Resolution MSC.36(63)-(1994 HSC Code) 7
- IMO Resolution MSC.97(73)-(2000 HSC Code) 7
- IMO Resolution MSC.307(88)-(2010 FTP Code) 6-8

*This certificate is issued under the French Maritime Authority to attest that BUREAU VERITAS did undertake the relevant type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Council Directive 96/98/EC of 20 December 1996 as amended.*


**This certificate will expire on: 11 Sep 2019**

For BUREAU VERITAS Notified Body 0062,

At BV GRONINGEN, on 11 Sep 2014,

John Mondt



**This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark ) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex B of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.**

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with BUREAU VERITAS. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. BUREAU VERITAS is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of BUREAU VERITAS Marine & Offshore Division available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against BUREAU VERITAS for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

## **THE SCHEDULE OF APPROVAL**

### **1. PRODUCT DESCRIPTION**

#### **Lifeline with variable length of 30 m up to 95 m**

##### 1.1 Design

- Lifelines for firefighters outfit are intended of being attached by means of a snap-hook to the harness of breathing apparatus or to a separate belt in order to prevent the breathing apparatus becoming detached when the lifeline is operated.
- Lifeline consists of galvanized steel cable IRWC 6 x 19, PP fibre core 5 mm with a low ignitability woven cover sheet of Trevira CS of thickness approximately 1.5 mm.
- It is ended by a carabiner hook with a screw cap hook.

##### 1.2 Material specification

- Galvanized steel cable IRWC 6 x 19, PP fibre core 5 mm
- Trevira CS braiding

### **2. DOCUMENTS AND DRAWINGS**

- Manufacturer's data sheets and technical specification
- Data sheet on the Trevira CS braiding
- Instructions for installation, use and maintenance

*No departure from the above documents shall be made without the prior consent of the notified body named on this certificate. The manufacturer must inform the notified body of any modification or changes to these documents and drawings.*

### **3. TEST REPORTS**

3.1 The required static load test of 3.5 KN for 5 mn as per IMO Resolution MSC.98(73) Chapter 3.2.1.3 (FSS Code) was carried out under the supervision of Bureau Veritas and found in order. The specimen was submitted to a static load of 3.5 KN for 15 mn without failure and subsequently to a breaking test with an actual breaking load of 6.6 KN.

3.2 The braiding Trevira CS was tested in order to attest its low ignitability characteristics in accordance with EN 11925-2: 2002 and found in order as per the test report N° 2004-CVB-R0348 of November 2004 endorsed by the laboratory, TNO Building and Construction Research ( The Netherlands).

### **4. APPLICATION / LIMITATION**

- 4.1 Approved for use as fireproof lifeline for firefighters outfit.
- 4.2 The manufacturer's manual instructions should be kept on board.

### **5. PRODUCTION SURVEY REQUIREMENTS**

5.1 The manufacturer shall institute quality control procedure in order to ensure that the device is produced to the same standard as the prototype approved one, and to keep records of any production tests carried out in accordance with Requirements stated on the front page of this certificate.

5.2 This certificate does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the devices corresponding to this type. To this end, the production-control phase D-Production Quality Assurance or E-Product Quality Assurance or F-Product Verification of Annex B of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.


5.3 The manufacturer has declared to the notified body that the device detailed in this certificate is manufactured at the production site stated on the front page of this certificate.

5.4 Each device shall be delivered with a Declaration of Conformity to type issued by the manufacturer.

### **6. MARKING OF PRODUCT**

Each item or its packaging is to bear the following marking :

- Manufacturer's name or logo
- Length, strength and weight
- Serial number

*Markings as per MED 96/98/EC when authorized by a Notified Body:  YYYY/XX where YYYY is the number of the notified body undertaking surveillance module (when BV, 0062) and where XX are the last two digits of year mark affixed.*

**7. OTHERS**

This approval is given with the understanding that the manufacturer will accept full responsibility for informing shipbuilders, shipowners and/or their sub-contractors of the proper methods of fitting and general maintenance of the life-saving appliances and of the conditions of this approval.

*This certificate supersedes the EC Type Examination Certificate N° 14037/B0 EC.*

**\*\*\* END OF CERTIFICATE \*\*\***