

Type Examination Certificate

This is to certify that:

Zhejiang Hengsheng
Fire Equipment Co., Ltd
Taojiafan, Pingshuijie Village,
Pingshui Town, Keqiao District,
Shaoxing
Zhejiang
312050
China

Holds Certificate Number:

BSI/MED/3.29/757040

In respect of:

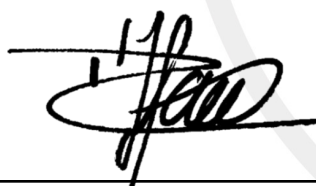
MED/3.29

Fire Hoses - Non-percolating lay flat fire fighting hoses (up to and including 52 mm diameter)

Product - 38mm, 45mm, 52mm Non-percolating Lay Flat Fire-fighting Hoses for Fixed Systems

Specified Standard - EN 14540:2014

On the basis that BSI carried out the relevant EU type examination procedures for the equipment identified above which was found to be in compliance with the Marine Equipment Directive (MED) 2014/90/EU as amended by Directive (EU) 2021/1206 and Regulation (EU) 2021/1158, subject to any conditions in the schedule attached hereto. The attached schedule of approval forms part of this certificate.



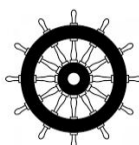
For and on behalf of BSI, a Notified
Body for the above Directive
(Notified Body Number 2797):

Drs. Dave Hagenaaars, Managing Director

First Issued: 2022-02-02

Latest Issue: 2022-05-19

Expiry Date: 2027-05-31



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Type Examination Certificate

No. BSI/MED/3.29/757040

Schedule of Approval

Product Designation :

Model	Description
15-38-XX	15BAR, 38mm Inside Diameter, Non-percolating Lay Flat Fire Fighting Hose. XX = Length. Max Length 25Mtrs
15-45-XX	15BAR, 45mm Inside Diameter, Non-percolating Lay Flat Fire Fighting Hose. XX = Length. Max Length 25Mtrs
15-52-XX	15BAR, 52mm Inside Diameter, Non-percolating Lay Flat Fire Fighting Hose. XX = Length. Max Length 25Mtrs

Product Requirement

Inside Diameter (mm)	Tolerance (mm)	Maximum mass per unit length (kg/m)	Normal working pressure (Mpa)	maximum working pressure (Mpa)	Proof Pressure (Mpa)	Minimum burst pressure (Mpa)
38	-0.5 +1.5	0.24	1.0	1.5	2.25	4.5
45		0.29	1.0	1.5	2.25	4.5
52		0.35	1.0	1.5	2.25	4.5

Approval Documentation that forms part of this certification:

Drawing No.	Rev/Issue	Date	Description
15-38-25	0	02/05/2017	General Drawing, covering lengths 10Mtrs, 15Mtrs, 20Mtrs & 25Mts
15-45-25	0	02/05/2017	General Drawing, covering lengths 10Mtrs, 15Mtrs, 20Mtrs & 25Mts
15-52-25	0	02/05/2017	General Drawing, covering lengths 10Mtrs, 15Mtrs, 20Mtrs & 25Mts

SUPPORTING DOCUMENTATION

Technical File	BSI Ref 8316697, 3512132
Test Report	201670092, 201670093 & 201670094 dated 13/02/2017

The Products were previously MED approved under Module B certificate number BSI/MED/3.29/634010 from 01/06/2017 to 31/12/2020

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This certificate has been issued by and remains the property of BSI Group The Netherlands B.V., John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands and should be returned immediately upon request.
To check its validity telephone +31 20 3460780. An electronic certificate can be authenticated [online](#).

BSI Group The Netherlands B.V., registered in the Netherlands under number 33264284, at John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands
A member of BSI Group of Companies.

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Schedule of Approval

Certificate Amendment Record and BSI internal Review relating to this Certificate

Issue date	Comments	BSI Review No.
February 2022	First issue.	2797:22:3512133
May 2022	Re-certification	2797:22:3675950

Conditions of Certification

- i) This certificate remains valid unless cancelled or revoked, provided the conditions listed below are complied with and the equipment remains satisfactory in service.
- ii) The equipment detailed on page 1 on this certificate is to be manufactured in accordance with Conformity to Type Based on Quality Assurance of the Production Process (Module D) of the Marine Equipment Directive
- iii) SOLAS 74 Reg. II-2/10, SOLAS 74 Reg. X/3, IMO Res.MSC.36(63)-(1994 HSC Code) 7, IMO Res.MSC.97(73)-(2000 HSC Code) 7 requirements, as applicable.
- iv) The certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with the approved body named on this certificate
- v) Should the specified regulations or standards be amended during the validity of this certificate, the products are to be re-approved prior to they being placed on board vessels to which the amended regulations or standards apply
- vi) Production tests are to be conducted in accordance with the applicable requirements of the IMO Resolutions and applicable standards and be recorded by the manufacturer in accordance with the approved Conformity to Type Based on Quality Assurance of the Production Process (Module D) of the Marine Equipment Directive.
- vii) Each item, batch or lot of the equipment is to have the "Mark of Conformity" affixed and be issued with a "Declaration of Conformity".
- viii) Detailed User instructions are to be provided with each product.

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