DNV·GL

Certificate No:
MEDB000052B

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-fighting hoses – Non-percolating lay flat firefighting hoses (range of the inside diameter from 25 mm to 52 mm)

with type designation(s)
15-40, 15-50

Issued to
Nantong Sentian Fire Fighting Equipment Co., Ltd.
Qidong City, China

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2018/773,**
item No. MED/3.29. SOLAS 74 as amended, Regulation II-2/10 & X/3, 2000 HSC Code 7 and EN 14540:2014

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

This Certificate is valid until **2024-09-03**.

Issued at **Hamburg** on **2019-09-04**

DNV GL local station:
Nantong

Approval Engineer:
Andrii Pishchanskyi

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

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Job Id: **344.1-009076-1**
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Product description

Non-percolating lay flat fire-fighting hoses of types "15-40" and "15-50" consist of the following:

Item	Description
Jacket	Polyester yarn
Lining	EPDM

The fire-fighting hose has the following specification:

Parameter	Value
Inside diameter	40 mm 50 mm
Maximum working pressure	1.5 MPa
Proof pressure	2.25 MPa
Burst pressure	4.5 MPa

Application/Limitation

Approved for discharging water from the fire main by using the fire hoses (SOLAS II-2/10.2.3 and 2000 HSC Code, 7.7.8.5) except for hose reels.

The fire-fighting hose is intended for use at ambient temperature range -20 °C up to + 60 °C. It shall not be used in the cold climatic conditions of Northern Europe (down to -30 °C).

Type Examination documentation

1. Test report No. 190500161 dated 2019-07-08;
2. Product data sheet No. 190732 dated 2019-07-25.

Tests carried out

Tested according to EN 14540:2014.

Marking of product

The products are to be marked according to EN 14540 (2014), section 8 and with the MED Mark of Conformity (wheel mark). This mark shall be followed by our identification number 0098 and by the last two digits of the number of the year in which the mark is affixed, e.g. 0098-19.