DNV·GL

Certificate No:
MEDB000026U

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 hoses with diameter <= 52 mm

with type designation(s)
PREMIER, SUPREME, FIRE MASTER SUPER, COMMANDER SUPER, FIRE CHIEF, FIRE OUT RRL, FIRESTORM, AQUASTRIKE, FLAMEBLITZ

Issued to
NewAge Fire Fighting Co. Ltd.
Surendra Nagar Gujarat, India

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2015/559,**
Annex A.1, item No. A.1/3.29 and Annex B, Module B in the Directive; SOLAS 74 as amended, Regulation II-2/10 & X/3 and 2000 HSC Code 7

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

This Certificate is valid until **2022-02-19**.

Issued at **Hamburg** on **2017-02-20**

DNV GL local station:
Mumbai CMC

Approval Engineer:
Michael Kämpf

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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: **344.1-006524-1**
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Product description

Non-percolating lay-flat fire hoses with following specification:

Inside diameter: 38 / 45 / 51 mm

Proof pressure: 22.5 bar

Burst pressure: 45 bar

Material / Construction:

- Reinforcement is made up of 100% synthetic polyester yarn.
- The internal lining is made up of 100% synthetic impermeable rubber.

Application/Limitation

Approved for discharging water from the fire main by using fire hoses (SOLAS II-2/10.2.3 and 2000 HSC Code, 7.7.5).

Type examination documentation

- Test report dated 2013-12-11 issued by Linear Management Solutions & Certifications Pvt. Ltd.
- Manufacturer's data sheets

Tests carried out

Tested according to EN 14540 (2004) incl. A.1 (2007), as superseded by EN 14540 (2014) [no difference in the scope of testing]

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 number of the year in which the mark is affixed, e.g. 0098/2017.
Furthermore, the obligations of manufacturers as defined in Article 12 of Directive 2014/90/EU shall be observed.