

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB00002MR
Revision No:
2

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 Dual-purpose type nozzles (spray/jet type): Hand-held branch pipes for fire service use - Combination branch pipes PN 16

with type designation(s)
SuperFire Junior

Issued to

NewAge Fire Protection Industries Private Limited
Khopoli, Maharashtra, India

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2022/1157**,

item No. MED/3.55a. SOLAS 74 as amended Regulation II-2/10 & X/3, 1994 HSC code 7 & 2000 HSC code 7

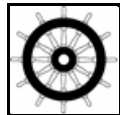
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2027-08-17**.

Issued at **Hamburg** on **2023-09-11**

DNV local unit:
India CMC MES

Approval Engineer:
Tessa Biever



Notified Body
No.: **0098**

for **DNV GL SE**

Christine Mydlak-Roeder
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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") 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

'SuperFire Junior'

Dual-purpose spray/jet nozzles of type SuperFire Junior for discharging water from the ship's fire main by using fire hoses. The nozzles are provided with a flow regulator ring for selecting between four flow settings.

Material / performance data:

Material	Aluminium alloy HE-30
Rated operating pressure	7 bar (0.7 MPa)
Max. operating pressure	12 bar (1.2 MPa)
Water flow rates	115 / 225 / 360 / 475 LPM
Throw ranges (jet mode)	18 / 26 / 32 / 34 m
Spray angle (spray mode)	≥ 120°
Outlet orifice	1" (25.4 mm)

The dual-purpose spray/jet nozzles of type 'SuperFire Junior' are manufactured by Newage Fire Protection Industries Pvt. Ltd., Mumbai, India.

Application/Limitation

Approved for discharging water from the fire main when coupled to fire hoses (SOLAS II-2/10.2.3.3.4 and 2000 HSC Code, 7.7.5.6).

Type Examination documentation

Test reports dated 22 March 2017 of all required tests witnessed by DNVGL Surveyor.

User manual on operation and maintenance issued by the manufacturer.

Product data sheets from the manufacturer

Tests carried out

Tested according to EN 15182-1 (2007) incl. A1(2009) and EN 15182-2 (2007) incl. A1(2009) - superseded by EN 15182-1 (2019) and EN 15182-2 (2019) [no difference in the scope of testing].

Marking of product

The product or packing is to be marked according to EN 15182-1 §8.2 and the MED Mark of Conformity (see first page).