



EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB000005H
Revision no.:
2

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV AS under the authority of the Government of Norway.

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)
'Turbo Nozzle Gold 2235 (T2235)' and 'Turbo Nozzle Gold 2400 (T2400)'

issued to

AWG Fittings GmbH
Ballendorf, Germany

is found to comply with the Implementing Regulation (EU) 2025/1533 for
Item no. **MED/3.55a (Row 2 of 2)**

according to the following requirements:

SOLAS 74 Reg. II-2/10, IMO Res. MSC.36(63)-(1994 HSC Code) 7, IMO Res .MSC.97(73)-(2000 HSC Code) 7, SOLAS 74 Reg. X/3

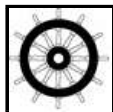
Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2025-12-12**

Expiry date: **2030-12-11**

DNV local unit:
Augsburg

Approval Engineer:
Tessa Bieber



Notified Body
no.: **0575**



for **DNV AS**

Digitally Signed By:

Christine Mydlak-Röder

Christine Mydlak-Röder
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 AS 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 USD 300 000.

Product description

'Turbo Nozzle Gold 2235 (T2235)' and 'Turbo Nozzle Gold 2400 (T2400)', are combination branchpipes with adjustable spray pattern at selectable, constant flow (type 3). The hand-held branchpipes are comprised of a fitting system, a pistol grip, an open and shut-off device (ball valve) with a valve handle and two rotating elements for jet/spray system and flow adjustment.

Materials used for both branch pipes:
Body: Anodized aluminum alloy
Bumper: EPDM
Pistol grip & Lever: Polyamide

For further details, see drawings listed under Type Examination documentation below.

Please see Appendix: Product Description

Application/Limitation

Approved as dual-purpose nozzle (spray/jet type) with incorporated shutoff for fire service use throughout fire main.

Each product is to be supplied with its manual for use and maintenance.

Type Examination documentation

Document No.	Rev.	Title
6.20397.41	1	Drawing for T2235 from manufacturer.
6.20262	1	Drawing for T2400 from manufacturer.
M1003B10	4	Operating manual - Turbo nozzle - version September 2024
2-0157-21	T01	Test report from TZW, Karlsruhe, Germany.
2-0158-21	T01	Test report from TZW, Karlsruhe, Germany.

Tests carried out

Tested according to EN 15182-1:2019 and EN 15182-2:2019.

Marking of product

The product is to be marked acc. to EN 15182-1 Ch. 8.2 and in addition with the Mark of Conformity, Notified Body No. and the year of manufacturing.

APPENDIX

Product Description

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Type		T2235	T2400
Type of branch pipe		3	3
Type of spray		Full cone	Full cone
Maximum working pressure (p_M) [bar]		16	16
Standard working pressure (p_R) [bar]		6	6
Flow rate settings [lpm] at p_R		60; 130; 235	130; 235; 400
Throw distance@6 bar	60	18 m (full jet) 12 m (narrow spray jet) 7 m (max. spray jet)	-
	130	26 m (full jet) 13 m (narrow spray jet) 10 m (max. spray jet)	26 m (full jet) 15 m (narrow spray jet) 11 m (max. spray jet)
	235	30 m (full jet) 15 m (narrow spray jet) 13 m (max. spray jet)	32 m (full jet) 18 m (narrow spray jet) 14 m (max. spray jet)
	400	-	40 m (full jet) 23 m (narrow spray jet) 16 m (max. spray jet)