



Marine & Offshore

Certificate number: 24157/C2 MED

File number: ACI 2200/19/01

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This certificate is not valid when presented without the full attached schedule
composed of 7 sections
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Notified Body 2690 - MARINE EQUIPMENT DIRECTIVE 2014/90/EU

EC TYPE EXAMINATION CERTIFICATE

as per Module B of Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations and Commission Implementing Regulation (EU) 2024/1975 of 19 July 2024

This certificate is issued to:

POK S.A.S

18 COURS ANTOINE LAVOISIER, Z.I. LES GUIGNONS, 10400, NOGENT SUR SEINE, FRANCE

for the type of product

DUAL-PURPOSE TYPE NOZZLES (SPRAY/JET TYPE) - (b) Hand-held branch pipes for fire service use - Smooth bore jet and/or one fixed spray jet angle branch pipes PN 16

POK DMA - 7683 Nozzle DN 40

Requirements:

Row 3 of 3 of Regulation (EU) 2024/1975:

SOLAS 74 convention as amended, Regulations II-2/10, X/3
IMO Res. MSC.36(63) -(1994 HSC Code)- as amended, 7
IMO Res. MSC.97(73) -(2000 HSC Code)- as amended, 7
EN 15182-1:2019 and EN 15182-3:2019

This certificate is issued on behalf of the French Maritime Authorities to attest that Bureau Veritas Marine & Offshore did undertake the relevant type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations.

This certificate will expire on: 30 Sep 2027

For Bureau Veritas Marine & Offshore Notified Body 2690,

At BV LYON, on 02 Jan 2025,

Yann Krempelwicz

This certificate was created electronically and is valid without signature



This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark ) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. Bureau Veritas Marine & Offshore is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION

POK DMA - 7683 Nozzle DN 40

Dual purpose nozzle type with a three positions: shut-off, fixed spray jet angle and full jet.

1.1 - Technical characteristics

Size (mm)	DN 40
Nozzle bore (mm)	14/14
Max. working pressure (MPa)	1.6
Reference pressure (MPa)	0.6
Burst pressure (MPa)	6.0
Flow rate (l/min) at 0.6 MPa	> 250
Throw range (m)	30
Spray angle	63°
Type of spray	Full cone

1.2 - Construction

Body, head	Bronze
Rotating sphere	Rilsan PA11 CV 30%
Nozzle	Hostaform® POM (polyacetal)
Handle	Aluminium alloy
Gaskets	Nitrile

2. DOCUMENTS AND DRAWINGS

2.1 - Drawing No. 07683 Rev. G dated 31/03/2023.

2.2 - Drawing No. 02804 Rev. E dated 10/08/2020.

2.3 - User Manual:

- No. MOP_ROB_01389_EN Rev.B dated 29/09/2023.
- No. MOP_ROB_01389_FR Rev.B dated 29/09/2023.

3. TEST REPORTS

3.1 - Test reports No. 11040170 dated 10/02/2011, No. GA 11 0002 dated 04/04/2011 and No. 22070501 dated 27/07/2022. The prototype tests on samples DN 40 were carried out both at works and at laboratory CNPP, France according to EN 15182-1 (and EN 15182-3) as amended. (Tests carried out: heat and frost test, operating and handling inspection, drop tests, torque test, pressure tests, flushing test, spray angle test, flow and throw tests)

3.2 - Test report No. 23110600 dated 09/11/2023 with BV witnessing.
(Test performed to justify revision of drawing 07683 to Rev.G: torque test, leak tightness test, hydrostatic behaviour)

4. APPLICATION / LIMITATION

4.1 - Approved as branchpipe dual-purpose type (i.e. spray/jet type) for fire-fighting systems on board ships having to comply with SOLAS 74 Convention, as amended.

4.2 - Number and size of branchpipes and use on board ships to comply with SOLAS Convention including amendments to the satisfaction of the Administration.

4.3 - The supplier shall make available its instruction and maintenance manuals.

5. PRODUCTION SURVEY REQUIREMENTS

5.1 - This certificate alone does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module D Production Quality Assurance or module E Product Quality Assurance or module F Product Verification of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.

5.2 - The manufacturer shall institute quality control procedure in order to ensure that the POK DMA – 7683 Nozzle DN 40 is produced in accordance with the requirements stated on the front page of this certificate and to keep records of any production tests carried out in accordance these requirements

5.3 - For information concerning the production phase modules, **POK S.A.S** has declared the following manufacturing site:

POK S.A.S
18 COURS ANTOINE LAVOISIER
Z.I. LES GUIGNONS
10400 NOGENT SUR SEINE
FRANCE

6. MARKING OF PRODUCT

As per EN standards and the provisions of the Directive, the products shall be marked visibly, legibly and indelibly:

- 1 - Manufacturer name or logo;
- 2 - Serial or batch number and year of manufacture
- 3 - Number of EN standard: EN 15182-1:2019 and EN 15182-3:2019
- 4 - Type of branchpipe: smooth bore jet and one fixed spray jet angle
- 5 - Type of spray: full cone spray
- 6 - Reference pressure, P_R : 0.6MPa
- 7 - Flow setting positions at P_R , if existing;
- 8 - Maximum working pressure, P_N : 1.6MPa
- 9 - Open and close directions or positions
- 10 - Jet adjustment directions or positions, where applicable
- 11 - Flush position, where applicable
- 12 - Reference is made to MED 2014/90/EU chapter 2.

In particular Article 10.3 specifies that the wheelmark shall be followed by the identification number of the Notified Body involved in the production control phase (module D, E or F) and by the year in which the mark is affixed (4 digits or last 2 digits).

7. OTHERS

7.1 - It is **POK S.A.S.**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This certificate supersedes the EC Type Examination Certificate No. 24157/C1 MED issued on 11/12/2023 by the Society.

***** END OF CERTIFICATE *****