



TYPE APPROVAL CERTIFICATE

Certificate no.:
TAM000004B
Revision No:
2

This is to certify:
that the Spark Arrestor

with type designation(s)
SA size 1.5" to 60" and CP35 size 1.5" to 40", CP40 size 2" to 40", CP45 size 3" to 40"

issued to
AXCES BV
Tholen, Netherlands

is found to comply with
NS-EN 1834-1
DNV rules for classification – Ships
DNV's Offshore Standard DNV-OS-D101 "Marine and Machinery Systems and Equipment"

Application:

Products approved by this certificate are accepted for installation onboard ships and offshore units classed by DNV.

Products approved by this certificate are accepted for installation on all vessels classed by DNV.

Issued at **Høvik** on **2026-01-30**

for **DNV**

This Certificate is valid until **2031-01-07**.

DNV local unit: **Netherlands West FIS**

Approval Engineer: **Amir Dzaferi**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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.



Job ID: **262.1-008753-5**
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Product description

Spark Arrestor

Type SA size 1.5" to 60"

Type CP35 size 1.5" to 40", CP40 size 2" to 40", CP45 size 3" to 40"

Place of Production

AXCES PRODUCTION Sp. z o.o., Radymno, Poland.

Application/Limitation

The spark arrestors are approved for use on diesel engines in areas where emission of exhaust gas is permitted onboard ships and mobile offshore units classed by DNV.

Type of arrestor has to be chosen according to maker's instructions.

Type Approval documentation

Drawing of SA arrestor size 1.5" to 60", drawing Nos.: SA1_5 to SA60_0

Drawings of CP35 size 1.5" to 40", CP40 size 2" to 40", CP45 size 3" to 40"

Tests carried out

Test report dated 2009-12-17 for SA type and 2011-07-05 for CP type.

Marking of product

The product to be marked with manufacturer's name or trademark and type number identification.

Periodical assessment

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

In case where the Type Approved product is manufactured at other companies, the Periodical Assessment shall verify that the Type Approval applicant has a quality control system for consistent production at their licensees/subcontractors. Furthermore, Periodical Assessment shall be carried out randomly at these companies.

Other conditions

DNV product certificate is not required

END OF CERTIFICATE