

TYPE APPROVAL CERTIFICATE

Certificate No:
TAM00000JV
Revision No:
1

This is to certify:

That the Spark Arrestor

with type designation(s)
Silentor Sp

Issued to

SILENTOR A/S
Frederikshavn, Nordjylland, Denmark

is found to comply with

DNV GL class programme DNVGL-CP-0282 – Type approval – Spark arrestors
DNV GL rules for classification – Ships
DNVGL-OS-D101 – Marine and machinery systems and equipment, Edition January 2018

Application :

Product approved by this certificate is accepted for installation on all vessels and Mobile Offshore Units classified by DNV, where spark arresters are required.

Issued at **Høvik** on **2021-08-11**

This Certificate is valid until **2026-08-10**.

DNV local station: **Denmark CMC**

Approval Engineer: **Amir Dzaferi**



for **DNV**

Digitally Signed By: **Williksen, Dag Harald**

Location: **DNV Høvik, Norway**

on behalf of

Oddvar Deinboll
Head of Section

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 300,000 USD.



Product description

Exhaust gas silencer with integrated spark arrester.

Place of Production

METALISTAS LT, UAB, Šermukšnių g. 19, LT-35113 Panevėžys, Lithuania.

Application/Limitation

SILENTOR silencer with integrated spark arrester designed according to SILENTOR design principles are approved for use in exhaust gas piping.

Type Approval documentation

61403200 Gnistfang, Silentor Klasse 35/45 3".
61403201 Gnistfang, Silentor Klasse 35/45 3" (details of spark arrester)
100401-8 3" Classic CC

Tests carried out

Tests carried out according to BS 6680: 1995 at SMP Svensk Maskinprovning AB,
Test Report PU 7760/98/2 dated 98-10-02 (Silentor Klasse 35/45 3" with spark arrester) and
Test Report PU66462/04 dated 04-05-27 (Silentor 3" Classic CC).

Testing is equivalent to tests required in EN-1834-1.

Marking of product

The product to be marked with the 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.

The objective of the Periodical Assessment is to verify that the conditions for the Type Approval are not altered since the Type Approval certificate was issued.

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

The silencers with spark arrester have been approved with respect to the spark arresting capability only and not as silencer.

DNV product certificate is not required

END OF CERTIFICATE