



Certificate No. 02-003863/025698

TYPE APPROVAL CERTIFICATE

This is to certify that this product complies with the Rules for the classification of ships, Part 1 - General requirements, Chapter 3 - Type approval of products.

TYPE AND DESCRIPTION OF PRODUCT:

DETONATION VENT COVER DVC 250/80

Size: DN 250/DN80

MANUFACTURER:

SCANJET MARINE AB

Datavägen 6A
SE-436 32 ASKIM

SWEDEN

THE PRODUCT MEETS FOLLOWING RULES/REGULATIONS:

CRS Rules for the classification of inland navigation vessels, Part 4 – Additional requirements for notations

EN ISO 16852:2016 Flame arresters – Performance requirements, test methods and limits for use

Following tests were carried out in accordance to EN ISO 16852:2016:

- 6.7 Flow measurement (air)
- 7.3 Flame transmission test:
 - 7.3.2 Deflagration test
 - 7.3.3 Detonation test

FURTHER DETAILS OF THE PRODUCT AND CONDITIONS FOR CERTIFICATION ARE GIVEN OVERLEAF.

APPROVAL IS VALID UNTIL: **2027-02-19**

Place and date: Split, 2023-02-06

Seal

Marinko Popović, dipl.ing.

NOTE: This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Croatian Register of Shipping of any modification or changes to the product in order to obtain a valid certificate.

DETAILED PRODUCT DESCRIPTION:

Device comprises a stainless steel housing with a cover, retained by six swing bolts. The housing contains three crimp ribbon type flame arrester elements.

APPLICATION / LIMITATIONS:

In-line device to prevent the passage of flame into cargo tanks of oil and chemical tankers, operating on inland waterways or coastal voyages.

With IIB3 wire mesh for use with products belonging to apparatus group IIB and MESH value as greater than or equal to 0,65 mm. Flame arrester elements: 1305-85 (top), 1305-85 (middle), 1305-85 (bottom).

With IIB wire mesh for use with products belonging to apparatus group IIB and MESH value as greater than or equal to 0,50 mm. Flame arrester elements: 1305-88 (top), 1305-85 (middle), 1305-85 (bottom).

TYPE APPROVAL DOCUMENTATION:

Documentation specified in approval letter No. 402/TS/VB/024586 of 19th February 2019.

MARKING OF PRODUCT:

- type
- inlet/outlet size
- explosion group
- ATEX mark
- serial no./year
- standard
- max. operational pressure/temperature
- burn time

CONDITIONS FOR CERTIFICATION:

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PRODUCTION PLACE:

SCANJET MARINE AB
Törnedalsgatan 1
275 21 SJÖBO
SWEDEN