



DET NORSKE VERITAS

TYPE EXAMINATION CERTIFICATE

CERTIFICATE NO. RC-B-353

This Certificate consists of 2 pages

This is to certify that the product

Flame arrester

274.22

with the type designation

482000, 482002, 483000

Manufactured by

ROCA INDUSTRI AB

TYRESÖ, Sweden

is found to comply with

EN ISO 10088:2009 Small Craft – Permanently installed fuel systems Ch.5.2

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

Place and date

Høvik, 2010-05-19


for DET NORSKE VERITAS AS

This Certificate is valid until


2014-12-31

Replaces Certificate No.:

RC-B-80



Martin Fowlie
Head of Section



Håkan Lindqvist
Surveyor

Notice: The certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product or Standards referenced above may render this certificate invalid.

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



Cert. No.: RC-B-353
Case No.: 500.01
File No.: 274.22

Product description

Fuel system ventilator with flame arrestor.
482000 and 483000 with 90° bend hose end.
482002 with straight hose end.
Material: Stainless steel

Applications/Limitations

Recreational Craft - Vent line termination in fixed fuel systems.

Type Approval documentation

Drawing, P1-482002, Gas tank ventilator. Date 070301
Drawing, P1-482000, Gas tank ventilator 90° bended. Date 070301
Drawing, P1-483000, Gas tank ventilator 90° bended. Date 070302
Assessment letter from SP Sveriges Provnings- och Forskningsinstitut, dated 2001-04-17
Report from SP Sveriges Provnings- och Forskningsinstitut, 88R30113, dated 1989-06-26
Report from SP Sveriges Provnings- och Forskningsinstitut, 1983:23 – 5.2.6

Tests carried out

Fire test, SP Report 1983:23, chapter 5.2.6

Marking of product

ROCA Industry – ISO 10088

Certificate retention survey

The scope of the renewal survey is to verify that the concessions stipulated for the type approval is complied with and that no alterations are made to the product design or choice of materials.
Survey is to be performed at renewal.

END of Certificate