

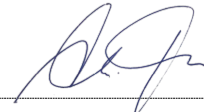
# TYPE EXAMINATION CERTIFICATE

**This is to certify:****That the Flame arrester**with type designation(s)  
**482000, 482002 & 483000**

Issued to

**Roca Industry AB**  
**TYRESÖ, Sweden**

is found to comply with

**Application :****EN ISO 10088:2017 Small craft - Permanently installed fuel systems****5.2 Vent lines and components****Flame arrester for Recreational Craft**Issued at **Stockholm** on **2019-04-11**This Certificate is valid until **2023-04-11**.DNV GL local station: **Sweden NB**Approval Engineer: **Kristoffer Uulas**for **DNV GL****Aki Repo****Head of Service Line NB**

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 Examination Certificate and not to the approval of equipment/systems installed.



Job Id: **341.3-000673-1**  
Certificate No: **RCB000000B**

### **Product description**

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

### **Application/Limitation**

Recreational Craft – Vent line termination in fixed fuel systems.

### **Type Examination documentation**

Drawing, P2-482002, Gas tank ventilator, dated 070301  
Drawing, P2-482000, Gas tank ventilator 90° bended, dated 070301  
Drawing, P2-483000, Gas tank ventilator 90° bended, dated 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 Sevriges 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 after four (4) years