

**POTVRDA O TIPNOM ODOBRENJU**  
TYPE APPROVAL CERTIFICATE

Br/No 01-008390/015539

Potvrđuje se da je ovaj proizvod, u skladu s Pravilima za klasifikaciju brodova, Dio 1. - Opci propisi, Odjeljak 3. - Tipno odobrenje proizvoda, odobren za ugradnju na brodove i postrojenja pod nadzorom Hrvatskog registra brodova.  
*This is to certify that this product on the basis of the Rules for the classification of ships, Part 1 - General requirements, Chapter 3 - Type approval of products, is approved for use on board ships and installations under supervision of the Croatian Register of Shipping.*

**TIP I OPIS PROIZVODA:**  
TYPE AND DESCRIPTION OF PRODUCT:

**FirePro® UGRAĐENI SUSTAV ZA GAŠENJE POŽARA AEROSOLOM**  
*FirePro® FIXED AEROSOL FIRE EXTINGUISHING SYSTEM*

**PROIZVOĐAC:**  
MANUFACTURER:

**FirePro Systems Limited/  
Celanova Limited**  
Ev. Papachristoforou No.18  
PO Box 54080  
Limassol – 3720  
CYPRUS

**PROIZVOD UDOVOLJAVA SLIJEDECIM PRAVILIMA/PROPISIMA:**  
THE PRODUCT MEETS FOLLOWING RULES/REGULATIONS:

**Pravila za klasifikaciju brodova, Dio 17 – Protupožarna zaštita; Pravila za statutarnu certifikaciju putničkih brodova u nacionalnoj plovidbi; Pravila za tehnički nadzor brodova od drva, aluminijskih slitina i plastičnih materijala; Pravila za statutarnu certifikaciju ribarskih brodova; Pravila za statutarnu certifikaciju brodicama i jahti.**

*Rules for the Classification of Ships, Part 17 – Fire protection; Rules for the Statutory Certification of Passenger Ships Navigating in National Waters; Rules for the Technical Supervision of Ships with Wooden, Aluminium Alloy or Glass Reinforced Plastic Hull; Rules for the Statutory Certification of Fishing Vessels; Rules for the Statutory Certification of Boats and Yachts.*

**PODRUCJE PRIMJENE/POSEBNI GRANICNI UVJETI:**  
FIELD OF APPLICATION/SPECIAL OPERATIONAL LIMITS:

**Gašenje požara na brodovima u nacionalnoj plovidbi Republike Hrvatske, jahtama i brodicama. Sustav je pogodan za ugradnju u prostorijama strojeva u kojima osoblje uobicaeno ne boravi volumena manjeg od 126 m<sup>3</sup> i visine između paluba manje od 4 metra.**

*Fire extinguishing on ships navigating in national waters of Republic of Croatia, yachts and boats. System is considered suitable for installation in normally unoccupied machinery spaces with volume less than 126 m<sup>3</sup> and deck height less than 4 metres.*

**ODOBRENJE VRIJEDI DO: 2014-04-18**  
APPROVAL IS VALID UNTIL:

**UZ UVJETE NAVEDENE NA POLEDINI**  
SUBJECT TO CONDITION OVERLEAF

Mjesto i datum .....  
Place and date

**Split, 2010-05-20**

M.P.  
(Seal)

Goran Begovic, dipl.ing.

Odobrenje je valjano ako je ovaj proizvod izveden prema slijedećoj dokumentaciji:  
The approval is valid if this product is manufactured in accordance with the following documentation:

*Tehnicka dokumentacija "FirePro® Generatori aerosola za gašenje požara".*

**Izvešća o ispitivanju:**

- **Danish Fire- and Securing Technical Institution (DBI) br. REO2113 od 21. veljace 2002.**
- **Maritime and Coastguard Agency (MCA) od 14 srpnja 2005.**
- **U.S. Coast Guard (USCG) od prosinca 2005.**

**Za svaku instalaciju na brodu, nacrti, proracuni i upute za instalaciju, korištenje i održavanje sustava moraju se dostaviti HRB-u na uvid/odobrenje.**

**Za brodove izradene od drva, generator aerosola mora imati, najmanje, 100 grama mase aktivne tvari aerosola po metru kubnom šticense prostorije. Brod mora imati dojavu požara u prostoriji strojeva.**

**Za brodove izradene od drugih materijala, generator aerosola mora imati, najmanje, 82 grama mase aktivne tvari aerosola po metru kubnom šticense prostorije.**

**Kolicine aktivne tvari aerosola po metru kubnom šticense prostorije mogu se povećati za pojedine slucajeve ako postoje nezatvorivi otvori, prisilna ventilacija ili ako je šticensa prostorije male visine.**

*Technical documentation "FirePro® Aerosol Generators".*

*Test Reports:*

- *Danish Fire- and Securing Technical Institution (DBI) No. REO2113 dated 21<sup>st</sup> February 2002.*
- *Maritime and Coastguard Agency (MCA) dated 14<sup>th</sup> July 2005.*
- *U.S. Coast Guard (USCG) dated December 2005.*

*For every system installation on board, drawings, calculations and installation, operation and maintenance manuals shall be submitted to CRS for approval.*

*Ships with wooden hull shall have minimum quantity of 100 grams of aerosol per cubic meter of protected space. Ships shall be equipped with fire detection system in machinery space.*

*All other ships shall have minimum quantity of 82 grams of aerosol per cubic meter of protected space.*

*Factors such as non-closeable openings, forced ventilation or low deck height need to be considered and may result in increase of minimum quantity of aerosol per cubic meter of protected space.*

**Ovo odobrenje ne isključuje zahtjev za nadzorom tijekom izradbe proizvoda kod proizvođača, u skladu s gore navedenim Pravilima.**  
*This approval does not eliminate the need for inspection during manufacturing of the product into manufacturers shop in compliance with a.m. Rules.*

Rašclana

17.05

Zamjenjuje potvrdu

01-007349