



POTVRDA O TIPNOM ODOBRENJU BRODSKOG SPALJIVAČA OTPADAKA
(kapaciteta do 4000 kW)
TYPE APPROVAL CERTIFICATE FOR SHIPBOARD INCINERATOR
(capacity of up to 4000 kW)

REPUBLIKA HRVATSKA

REPUBLIC OF CROATIA

Izdana u ime Vlade REPUBLIKE HRVATSKE od HRVATSKOG REGISTRA BRODOVA
Issued under the authority of the Government of the REPUBLIC OF CROATIA
by the CROATIAN REGISTER OF SHIPPING

Br. / No. **02-001994/023658**

Potvrđuje se da je brodski spaljivač otpadaka pregledan i ispitan u skladu sa Standardom brodskih spaljivača otpadaka za uklanjanje brodskog otpada, dopunjenim MEPC.244(66) rezolucijom i kako se zahtijeva pravilom 16.6.1 MARPOL Prilog VI.
This is to certify that the shipboard incinerator listed has been examined and tested in accordance with the Standard for shipboard incinerators for disposing of ship-generated waste, as amended by resolution MEPC.244(66) and as required by regulation 16.6.1 of MARPOL Annex VI.

Proizvođač spaljivača otpadaka: **3. MAJ-TIBO d.d., Dalmatinskih brigada 17, 51211 Matulji - Croatia**
Incinerator manufactured by:

Stil-, tip- ili model- spaljivača otpadaka*: **SH 20-SR; SH 20-SR-P; SH 20-SM; SH 20-SM-P**
Style-, type- or model- for the incinerator*:

Najveći kapacitet: **517** kW
Max. capacity: kW

40 kg/h specificiranog otpada
kg/h of specified waste

50 kg/h po uređaju za loženje
kg/h per burner

Prosječni O₂ u prostoru / zoni izgaranja: **10,1** %
O₂ average in combustion chamber / zone:

Prosječni CO u dimnim plinovima: **138,0** mg/MJ
CO average in flue gas:

Prosječni broj čađe: **0 to 1** Bacharach ili Ringelman skala
Soot number average: Bacharach or Ringelman scale

Prosječna izlazna temperatura dimnih plinova iz komore izgaranja: **908** °C
Combustion chamber flue gas outlet temperature average:

Količina neizgorelih sastojaka u pepelu: **nije moguće odrediti** % težinski
Amount of unburned components in ashes: not determinable % by weight

Kopija ove Potvrde mora se uvijek nalaziti na brodu opremljenom ovim spaljivačem otpadaka.
A copy of this Certificate should be carried on board a vessel fitted with this equipment at all times.

Mjesto pečata
Official stamp

Potpis
Signature

Marinko Popović, dipl.ing.

Uprava
Administration of

Republika Hrvatska

Datum
Date

Republic of Croatia

2014-09-23

23rd September 2014

* Nepotrebno precrtati
* Delete as appropriate

Odobrenje je valjano ako je ovaj proizvod izrađen prema slijedećoj dokumentaciji:

The approval is valid if subject product is manufactured in accordance with following documentation:

Nacrt broj: SH 20-SR
Drawing No.: K-3127-00, K-3127-02, K-3127-03, K-3127-04, K-3127-05, K-3127-06, K-3127-07,
K-3127-08, K-3127-13, K-3127-14, K-3127-20-00, K-3127-20-01, K-3127-20-02,
K-3127-20-03, K-3127-20-04, K-3127-21, K-3127-31, P-7558, 3-379

SH 20-SM
D-3129-00, D-3129-01, D-3129-03-00, D-3129-03-01, D-3129-03-02, D-3129-04,
D-3129-05, D-3129-07, D-3129-08, D-3129-09, D-3129-10, D-3129-11, D-3129-20/1,
D-3129-24, P-7558, 3-379

Broj odobrenja: 022959 **Datum odobrenja:** 2010-07-21
No. of approval: 022959 *Date of approval:* 21st July 2010

Ova Potvrda o tipnom odobrenju izdata je na temelju:

- dokumentacije odobrene od Hrvatskog registra brodova
- izvještaja o ispitivanju No. 017/09 (Tehnički fakultet Rijeka)

This Type Approval Certificate has been issued on the basis of:

- documentation approved by Croatian Register of Shipping
- test report No. 017/09 (Technical faculty Rijeka)

Ovo odobrenje ne isključuje zahtjev za nadzorom tijekom izradbe proizvoda kod proizvođača u skladu s Pravilima.

This approval does not eliminate the need for inspection during manufacture of the product into manufacturers shop in compliance with the Rules.