



**POTVRDA O TIPNOM ODOBRENJU BRODSKOG SPALJIVAČA  
OTPADAKA (kapaciteta do 1.500 kW)  
TYPE APPROVAL CERTIFICATE FOR SHIPBOARD INCINERATOR  
(capacity of up to 1.500 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. **02-001382/022868**

Potvrđuje se da je brodski spaljivač otpadaka pregledan i ispitan u skladu s zahtjevima standarda brodskih spaljivača otpadaka za uklanjanje brodskog otpada navedenim u Uputstvima za primjenu Priloga V MARPOL-a 73/78, dopunjenim MEPC.76(40) rezolucijom i na koje se poziva pravilo 16 Priloga VI MARPOL-a 73/78.

This is to certify that the shipboard incinerator listed has been examined and tested in accordance with the requirement of the standard for shipboard incinerators for disposing of ship-generated waste appended to the Guidelines for the Implementation of Annex V of MARPOL 73/78, as amended by resolution MEPC.76(40) and referenced by regulation 16 of Annex VI to MARPOL 73/78.

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

Stil-, tip- ili model- spaljivača otpadaka\*: **SM 550**  
Style-, type- or model- for the incinerator\*:

Najveći kapacitet: Max. capacity:	<b>632/821</b>	<b>kruti otpaci/uljni ostaci</b> solid waste/sludge oil	<b>kW</b> kW
Najveća masa: Max. mass:	<b>60</b>		<b>kg/h specificiranog otpada</b> kg/h of specified waste
Najveća masa: Max. mass:	<b>108</b>		<b>kg/h po uređaju za loženje</b> kg/h per burner
Prosječni O <sub>2</sub> u prostoru / zoni izgaranja: O <sub>2</sub> average in combustion chamber / zone:	<b>11,97/11,65</b>	<b>kruti otpaci/uljni ostaci</b> solid waste/sludge oil	<b>%</b>
Prosječni CO u dimnim plinovima: CO average in flue gas:	<b>44,49/23,56</b>	<b>kruti otpaci/uljni ostaci</b> solid waste/sludge oil	<b>mg/MJ</b>
Prosječni broj čađe: Soot number average:	<b>1</b>		<b>Bacharach ili Ringelman skala</b> Bacharach or Ringelman scale
Prosječna izlazna temperatura dimnih plinova iz komore izgaranja: Combustion chamber flue gas outlet temperature average:	<b>888/931</b>	<b>kruti otpaci/uljni ostaci</b> solid waste/sludge oil	<b>°C</b>
Količina neizgorelih sastojaka u pepelu: Amount of unburned components in ashes:	<b>4,4/4,9</b>	<b>kruti otpaci/uljni ostaci</b> solid waste/sludge oil	<b>% težinski</b> % 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

Uprava  
Administration of

Datum  
Date

Goran Begović, dipl.ing.

**Republika Hrvatska**

Republic of Croatia

**2009-12-23**

\* 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:** 0-9074/1, 0-9075/1, 0-9076, 0-9077, 0-9078, 0-9079, 3-300  
*Drawing No.:*

**Broj odobrenja:** 021834  
*No. of approval:*

**Datum odobrenja:** 2005-05-03  
*Date of approval:*

**Nacrt broj:** 3-379  
*Drawing No.:*

**Broj odobrenja:** 022868  
*No. of approval:*

**Datum odobrenja:** 2009-12-23  
*Date of approval:*

**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.*