

EU POTVRDA O TIPNOM ODOBRENJU (Modul B)- PROIZVODNI / ¹ TIPEU TYPE EXAMINATION CERTIFICATE (Module B)- PRODUCTION / ¹TYPE

Br. /No.

02-002133/023873

POTVRĐUJE SE:

THIS IS TO CERTIFY:

da je HRVATSKI REGISTAR BRODOVA izvršio postupak tipnog odobrenja- / ¹ za dolje navedene proizvode i utvrdio da udovoljavaju zahtjevima Direktive 2014/68/EZ s dopunama koji se na njih primjenjuju.

that CROATIAN REGISTER OF SHIPPING did undertake the type- / ¹ examination of the products identified below which were found to be in compliance with the requirements of the Directive 2014/68/EU, as amended which apply to them.

Naziv proizvođača- / ¹ : Name of manufacturer- / ¹ :	MONTER STROJARSKE MONTAŽE
Adresa: Address:	Velimira Škorpika 28 10000 ZAGREB; HRVATSKA/ CROATIA

Naziv i opis proizvoda: Product name and description:	Filter- izmjenjivač C-4-M/50 Filter- heat exchanger C-4-M/50
Kategorija / fluid: Category / fluid:	IV Prirodni plin/ Natural gas

Izveštaj o ispitivanju (modul B- proizvodni tip) br.:

023873

Test report (module B- production type) no.:

Područje primjene/ograničenja u svezi korištenja proizvoda (ako postoje): Field of application/limitations on the use of the product (if any):	
	projektni tlak/ design pressure: 50 barg (strana cijevi/ tube side)
	projektni tlak/ design pressure: 6 barg (strana plašta/ shell side)
	projektna temperatura/ design temperature: -10/50 °C (strana cijevi/ tube side)
	projektna temperatura/ design temperature: -10/90 °C (strana plašta/ shell side)

Primijenjene norme ili drugi propisi navedeni su u Dodatku I ove Potvrde.

References to the standards used or other regulations are given in Annex I to this Certificate.

Popis dostavljene tehničke dokumentacije naveden je u Dodatku II ove Potvrde.

List of technical documentation submitted is given in Annex II to this Certificate.

¹⁾ Nepotrebno precrtati
Delete as appropriate

Napomene:

Notes:

- Ova potvrda prestaje vrijediti u slučaju izmjene u konstrukciji proizvoda ili u -načinu proizvodnje u odnosu na odobreni tip- / -¹. Proizvođač mora izvijestiti Hrvatski registar brodova o svakoj izmjeni na proizvodu- / u dokumentaciji-¹ sa svrhom dobivanja dodatnog odobrenja.
This Certificate ceases to be valid in case of modification in product design or manufacture from the approved type- / -¹. The manufacturer must inform the Croatian Register of Shipping of any modification to the product- / design-¹ in order to obtain additional approval.

Izdano od: Hrvatskog registra brodova, tijelo za ocjenu sukladnosti Ident. br.: **2489**
Issued by: Croatian Register of Shipping, notified body Ident. no.:

Potvrda vrijedi do: **2026-07-05**
Certificate is valid until:

Mjesto i datum: **Split, 2016-07-05**
Place and date:

M.P.
Seal

Potpis – Signature
Marinko Popović, dipl.ing.

¹⁾ **Nepotrebno precrtati**
Delete as appropriate

Dodatak I EU Potvrdi o tipnom odobrenju (Modul B)
Annex I to the EU Type Examination Certificate (Module B)

Br./No. 02-002133/023873

BITNI ZAHTJEVI (ref. na odgovarajuću točku u Dodatku 1 Direktive) <i>ESSENTIAL SAFETY REQUIREMENTS</i> (ref. to relevant article in Annex 1 of the Directive)	Uskladene norme koje su korištene <i>Harmonised standards used</i>	Nacionalne norme koje su korištene <i>National standards used</i>	Drugi propisi koji su korišteni <i>Other regulations used</i>
1. GENERAL			
1.1; 1.2; 1.3	EN 13445		
2. DESIGN			
2.1 General	EN 13445-3		ASME VIII Div.1
2.2 Design for adequate strength	EN 13445-3		ASME VIII Div.1
2.3 Provisions to ensure safe handling and operation	EN 13445-5		
2.4 Means of examination	EN 13445-5		
2.5 Means of draining and venting	EN 13445-5		
2.6 Corrosion or other chemical attack	EN 13445-3		ASME VIII Div.1
3. MANUFACTURING			
3.1 Manufacturing procedures	EN 13445-4		ASME IX
3.2 Final assessment	EN 13445-5		
3.3 Marking and labelling	EN 13445-5		
3.4 Operating instructions	EN/TS 764-6		
4. MATERIALS			
4.1; 4.2; 4.3	EN 13445-2		ASME II Part A
7. SPECIFIC QUANTITATIVE REQUIREMENTS FOR CERTAIN PRESSURE EQUIPMENT			
7.1 Allowable stresses	EN 13445-3		ASME II Part D
7.2 Joint coefficients	EN 13445-3		ASME VIII Div.1
7.4 Hydrostatic test pressure	EN 13445-5		
7.5 Material characteristics	EN 13445-2		ASME II Part A

¹⁾ Nepotrebno precrtati
Delete as appropriate

Dodatak II EU Potvrdi o tipnom odobrenju (Modul B)
Annex II to the EU Type Examination Certificate (Module B)

Br./No. 02-002133/023873

Naziv dokumentacije <i>Title of documentation</i>	Ident. br. <i>Ident. no.</i>	Izmjena <i>Rev.</i>
Tehnički opis/ Technical description	PV042	0
Bitni sigurnosni zahtjevi/ Essential safety requirements	PV042	0
Analiza rizika/ Risk analysis	PV042	0
Upute za montažu, korištenje i održavanje/ Installation, operating and maintenance instructions	PV042	0
Filter- izmjenjivač/ Filter- heat exchanger	PV042-0000	0
Natpisna pločica/ Name plate	PV042	0
Proračun čvrstoće/ Mechanical design calculations	PV042	A
Proračun zatvarača/ Closer calculation	PV042-Z	0
Tehnologija tlačne probe/ Technology of pressure test	T-TP-PV042	0
Tehnologija izvođenja i kontrole antikoroziivne zaštite/ Technology of anticorrosion protection application and control	T-AKZ-PV042	0
Tehnologija zavarivanja/ Welding technology	T-Z-PV042	0
Specifikacija postupka zavarivanja/ Welding procedure specification	117-14; 117-15; 117-16; 117-17; 117-18; 117-19; 117-20; 117-21; 117-22	0 0 0 0 0
Plan kontrole kvalitete/ Inspection and test plan	PKK-PV042	0

¹⁾ Nepotrebno precrtati
Delete as appropriate