



## EU POTVRDA O TIPNOM ODOBRENJU (Modul B)- PROIZVODNI TIP

## EU TYPE EXAMINATION CERTIFICATE (Module B)- PRODUCTION TYPE

Br./No.

02-004174/025948

## POTVRĐUJE SE:

THIS IS TO CERTIFY:

da je HRVATSKI REGISTAR BRODOVA izvršio postupak tipnog odobrenja 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 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 : Name of manufacturer :	MACEL PLIN
Adresa: Address:	Samoborska 15 10090 ZAGREB; HRVATSKA/ CROATIA

Naziv i opis proizvoda: Product name and description:	Filter tip FAG Filter type FAG
Kategorija / fluid: Category / fluid:	III Prirodni plin/ Natural gas

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

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

Dokumentacija dokaza kvalitete; QA/QC  
documentation, Knjiga 1, rev.0Dokumentacija dokaza kvalitete; QA/QC  
documentation, Knjiga 2, rev.0

Područje primjene/ograničenja u svezi korištenja proizvoda (ako postoje): Field of application/limitations on the use of the product (if any):	Filter za prirodni plin/ Natural gas filter projektni tlak/ design pressure: 19 barg projektna temperatura/ design temperature: -10/50 °C
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## 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.

<sup>1)</sup> 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 . Proizvođač mora izvijestiti Hrvatski registar brodova o svakoj izmjeni na proizvodu/ u dokumentaciji sa svrhom dobivanja dodatnog odobrenja.**  
*This Certificate ceases to be valid in case of modification in product design or manufacture from the approved type.. The manufacturer must inform the Croatian Register of Shipping of any modification to the product / design<sup>1</sup> 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: 2033-09-29**

*Certificate is valid until:*

**Mjesto i datum: Split, 2023-09-29**

*Place and date:*

**M.P.**

*Seal*

**Potpis – Signature**

**Marinko Popović, dipl.ing.**

<sup>1)</sup> **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. 02-004174/025948**

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

**Popis korištenih normi i/ili drugih propisa:**

*List of standards and/or other regulations used:*

**ASME BPVC VIII.1-2021**

**EN 13445-1 do/ to EN 13445-5:2021**

<sup>1)</sup> **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. 02-004174/025948**

Naziv dokumentacije <i>Title of documentation</i>	Ident. br. <i>Ident. no.</i>	Izmjena <i>Rev.</i>
Tehnički opis/ Technical description	MB-MPL-23- 00414_TP_0001	0
Bitni sigurnosni zahtjevi/ Essential safety requirements	MB-MPL-23- 00414_TP_0001	0
Analiza rizika/ Risk analysis	MB-MPL-23- 00414_TP_0001	0
Upute za montažu, korištenje i održavanje/ Installation, operating and maintenance instructions	MB-MPL-23- 00414_TP_0001	0
Filter tip FAG/ Filter type FAG	MPL-23- 00414_TP_0001	0
Natpisna pločica/ Name plate	-	0
Proračun čvrstoće/ Mechanical design calculations	MPL-23- 00414_SC_0001	0
Specifikacija postupka zavarivanja/ Welding procedure specification	105/23	0
	106/23	1
	107/23	0
	108/23	0
	109/23	0
	110/23	0
Plan kontrole kvalitete/ Inspection and test plan	111/23	0
	LH-64-23	0

<sup>1)</sup> **Nepotrebno precrtati**  
*Delete as appropriate*