

KR HELLAS LTD.  
41, Athinas Av., Vouliagmeni,  
GR-16671, Athens, Greece

TEL: +30-210-428-6736  
FAX: +30-210-428-6728



Certificate No:  
MED-MB-1014-14  
MED Item No. : MED/1.9

This consists of 3 pages.  
Page 1/3

## EC CERTIFICATE OF CONFORMITY as per Module B of European Council Directive 2014/90/EU on Marine Equipment (MED)

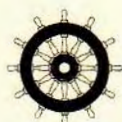
*THIS IS TO CERTIFY* that KR Hellas Ltd., designated by the Hellenic Republic as Notified Body according to Council Directive 2014/90/EU on Marine Equipment did undertake the EC Type Examination procedures for the equipment identified which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 2014/90/EU:

**Manufacturer** Name : PYROTECHNOURGIKI LTD.  
Address : Eleonas Thibes, Biotia, Greece

**Product Name** : Hand Flares (Pyrotechnics)  
(MED item designation)  
**Product type (Model)** : PyroPol Handflare red CF3, Art-No 1304600  
**Specific Standards** : SOLAS 74 Reg. III/4, III/6, III/34, X/3,  
[(EU)2021/1158] IMO Res. MSC.36(63) - (1994 HSC Code) 8,  
IMO Res. MSC.48(66) - (LSA Code) I,  
IMO Res. MSC.48(66) - (LSA Code) III,  
IMO Res. MSC.97(73) - (2000 HSC Code) 8,  
ISO 15736:2006, IMO MSC.1/Circ. 1629,  
IMO Res. MSC.81(70) as amended.

**Date of issue** : 09<sup>th</sup> September 2021  
**Date of reissue (If applicable)** : -  
**Expiration Date** : 08<sup>th</sup> September 2026

Issued at Athens, under the authority of the Hellenic Republic by **KR Hellas Ltd.**



Notified Body No.2198



Dr. Nikos Katiforis

Quality Manager of KR Hellas Ltd.



Any person not a party to the contract pursuant which this document is delivered may not assert a claim against KRH for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgment, fault or negligence committed by personal of KRH in establishment or issuance of this document, and in connection with any activities for which it may provide. In this provision KRH shall mean the KR Hellas Ltd. as well as all its subsidiaries, directors, officers, employees and any other acting on behalf of KR Hellas Ltd.



Certificate No:  
MED-MB-1014-14  
MED Item No. : MED/1.9

Page 2/3

## Attachment to EC Type Examination Certificate (1/2)

### Type examination documentation:

1. Technical file was approved by KR Hellas on 27 July 2016.
2. Technical file was re-approved by KR Hellas on 18 August 2016 due to dimension change.
3. Technical file was re-approved by KR Hellas on 07 September 2021 to implement the changes in the requirements.

### Tests carried out:

Report No.	Title of Report	Inspection & Test Institutes	Date
KRH-MED-0432-2021	Report of conformity assessment for Module B	KR HELLAS LTD.	07/09/2021
KRH-MED-0276-2016	Report of conformity assessment for Module B	KR HELLAS LTD.	22/08/2016

### Product description:

Length	230 mm
Diameter	31.6 mm
Weight	182±3 g
Body material	Steel
Body color	Silver
Burning time of illumination agent	Over 60 seconds





Certificate No:  
MED-MB-1014-14  
MED Item No. : MED/1.9


Page 3/3

## **Attachment to EC Type Examination Certificate (2/2)**

### **Application/Limitations of Use:**

1. PyroPol Handflare red CF3, Art-No 1304600 is identical to the JUPITER K2, approved under certificate number MED-MB-1014-11 dated 9<sup>th</sup> September 2021.
2. Instructions and manual for use, inspection and onboard maintenance shall be provided onboard and available in the ship's official language.
3. The date of expiry shall be marked on the flares and the equipment shall be replaced prior to the date of expiry.

### **Marking of product:**

1. Mark of Conformity
  - The manufacturer is allowed to affix the Mark of Conformity  according to Chapter 2, Article 9, 10 of the Council Directive 2014/90/EU on marine equipment and issue a Declaration of Conformity, only when the module D or E or F of Annex II of the directive is fully complied with.

### **Conditions of the validity:**

1. The products are to be manufactured in accordance with the approved production quality assurance system (Module D) or approved product assurance system (Module E), or are to be subjected to product verification (Module F) of the Council Directive 2014/90/EU on Marine Equipment.
2. If the Directive or the applied Standard(s) is amended, the product is to be re-approved in accordance with the amended requirements prior to it being supplied to vessels to which the amended Directive or Standard(s) apply. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this certificate invalid.
3. The Manufacturer must inform the "Notified Body" of all modifications which may affect compliance with the requirements.
4. The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.

### **Remark**

- Renewal of existing certificate issued on 09. 09. 2016.

*End of Certificate*

