QS - CERTIFICATE OF ASSESSMENT - EC (MODULE D)

Certificate no.:
MEDD00001TR
Revision No:
5

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as “Forskrift om Skipsutstyr” by the Norwegian Maritime Authority. This Certificate is issued by DNV AS under the authority of the Government of Norway.

This is to certify:

that the Quality System for the products

with type designation(s) as specified in the Appendix to this Certificate

issued to

Hansson PyroTech AB
Lindesberg, Örebro Län, Sweden

is found to comply with the applicable requirements.
The quality system has been assessed with respect to the procedure of conformity assessment described in Annex II, Module D in the directive 2014/90/EU and regulation (EU) 2023/1667.

This Certificate is valid until **2026-07-25**.

Issued at **Høvik** on **2024-05-22**

DNV local unit:
Finland CMC

Approval Engineer:
Tessa Biever

Notified Body
No.: **0575**

for **DNV AS**

Digitally Signed By:
Christine Mydlak-Röder
Location: DNV Høvik, Norway

Mydlak-Röder, Christine
Head of Notified Body

The manufacturer is allowed to affix the U.S. Coast Guard approval number(s) as stated in the appendix attached hereto and as allowed by the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005, and amended by Decision No 1/2023 dated August 21st, 2023.

0575/yyyy

0575: Notified Body number undertaking quality surveillance
yyyy: The year in which the mark is affixed

The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.
This certificate authorizes the manufacturer in conjunction with the valid EC Type Examination (Module B) Certificate(s) of the equipment listed before to affix the Mark of Conformity (wheelmark) to the product described herein.
This certificate loses its validity if the manufacturer makes any changes to the approved quality system which have not been notified to and agreed with the notified body named on this certificate. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.
The Manufacturer has to apply for periodical audits to verify the maintenance and application of the quality system every 12 months.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees (“DNV”) arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

APPENDIX

Item no. MED/1.10 Buoyant smoke signals (pyrotechnics)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
IKAROS Buoyant Smoke 3 Minute[1]	MEDB00005F2 Rev.1	2029-05-15	0575	160.122/EC0575 /MEDB00005F2 Rev.1

Item no. MED/1.11 Line-throwing appliances

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Ikaros Line Thrower[1]	MEDB00003R4 Rev.1	2028-09-17	0575	160.040/EC0575 /MEDB00003R4 Rev.1

Item no. MED/1.2b Position indicating lights for life-saving appliances: (b) for lifebuoys

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
IKAROS MOB Light Signal MKIV[1]	MEDB000046Y Rev.5	2028-12-17	0575	161.110/EC0575 /MEDB000046Y Rev.5

Item no. MED/1.3 Lifebuoys self-activating smoke signals

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
IKAROS MOB Smoke Signal MKIV[1]	MEDB000046X Rev.1	2028-12-17	0575	160.157/EC0575 /MEDB000046X Rev.1

Item no. MED/1.8 Rocket parachute flares (pyrotechnics)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
IKAROS Parachute Rocket Red[1]	MEDB000053J Rev.1	2029-05-15	0575	160.136/EC0575 /MEDB000053J Rev.1

Item no. MED/1.9 Hand flares (pyrotechnics)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
IKAROS Hand Flare Red[1]	MEDB00005F3 Rev.1	2029-05-15	0575	160.121/EC0575 /MEDB00005F3 Rev.1

Places of production

1.Hansson PyroTech AB, Box 54, Lindesberg, Sweden