

QS - CERTIFICATE OF ASSESSMENT – EC (MODULE D)

Certificate no.:
MEDD00001TR
Revision no.:
6

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

Box 54

711 22 Lindesberg

Sweden

is found to comply with the applicable requirements.

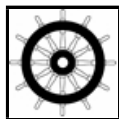
The quality system has been assessed with respect to the procedure of conformity assessment described in Annex II, Module D in the directive 2014/90/EU and regulation (EU) 2025/1533.

Date of issue: **2026-07-26**

Expiry date: **2031-07-25**

DNV local unit:
Sweden CMC

Approval Engineer:
Timo Linn



Notified Body
no.: **0575**

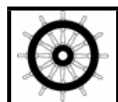


for **DNV AS**

Digitally Signed By:
Permoda, Jowita
on behalf of

Christine Mydlak-Röder
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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.

The reference to Module B certificate(s) relate to the revision of the certificate valid at the time of issue of this Module D/E certificate. This module D/E certificate is valid for later revisions of the referenced DNV Module B certificate(s) until their expiration date or within the validity dates of this Module D/E certificate, whichever is less. A new Module B certificate will be required when a modification of a product covered by a Module B certificate is of such extent that a new conformity assessment is required by Directive 2014/90/EU. For Non-DNV Module B certificates, only the revision stated in this Module D/E certificate is regarded valid.

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 USD 300 000.

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

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Prod. site(s)
IKAROS Buoyant Smoke 3 Minute	MEDB00005F2	2029-05-15	0575	160.122/EC0575/ MEDB00005F2	1

Item no. MED/1.11 Line-throwing appliances

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Prod. site(s)
Ikaros Line Thrower	MEDB00003R4	2028-09-17	0575	160.040/EC0575/ MEDB00003R4	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	Prod. site(s)
IKAROS MOB Light Signal MKIV	MEDB000046Y	2028-12-17	0575	161.110/EC0575/ MEDB000046Y	1

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	Prod. site(s)
IKAROS MOB Smoke Signal MKIV	MEDB000046X	2028-12-17	0575	160.157/EC0575/ MEDB000046X	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	Prod. site(s)
IKAROS Parachute Rocket Red	MEDB000053J	2029-05-15	0575	160.136/EC0575/ MEDB000053J	1

Item no. MED/1.9 Hand flares (pyrotechnics)

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Prod. site(s)
IKAROS Hand Flare Red	MEDB00005F3	2029-05-15	0575	160.121/EC0575/ MEDB00005F3	1

Places of production

1 Hansson PyroTech AB, Box 54, Lindesberg, 711 22, Sweden