QS - CERTIFICATE OF ASSESSMENT (MODULE D)

Certificate No:
MERD00001TR
Revision No:
0

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

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, Sweden

is found to comply with the applicable requirements.
The quality system has been assessed with respect to the procedure of Module D conformity assessment as referred to in the Merchant Shipping (Marine Equipment) Regulations 2016 and regulation MSN 1874 Amendment 6.

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

Issued at **London** on **2022-09-30**

for **DNV UK Ltd.**

DNV local station:
Sweden CMC

Approval Engineer:
Helge Bjørnarå

Approved Body No.: **0097**

Christine Mydlak-Röder
MER Service Responsible

0097/(yy)yy

Example for the “Mark of Conformity”:
0097: number of the Approved Body responsible for quality surveillance module
(yy)yy: year in which the mark is affixed.

Maritime & Coastguard Agency

UK Approved Body Authorised by the MCA

The product liability tests with the manufacturer or his representative in accordance with the Merchant Shipping (Marine Equipment) Regulations 2016.
This certificate provides the basis for the manufacturer or (if applicable) their authorised representative established within the United Kingdom in conjunction with the UK TYPE EXCAMINATION (MODULE B) CERTIFICATE of the equipment listed in the scope to affix the “Mark of Conformity” (‘Red Ensign Mark’).
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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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. UK/1.10 Buoyant smoke signals (pyrotechnics)

Type designation	Type Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
IKAROS Buoyant Smoke Signal, Orange[1]	MERB00005F2	2024-07-03	0097	

Item no. UK/1.11 Line-throwing appliances (pyrotechnics)

Type designation	Type Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Ikaros line thrower[1]	MERB00003R4	2023-10-28	0097	

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

Type designation	Type Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Ikaros MOB Mk IV Light Signal[1]	MERB000046Y	2023-12-16	0097	

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

Type designation	Type Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Ikaros MOB IV smoke signal[1]	MERB000046X	2023-12-16	0097	

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

Type designation	Type Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
IKAROS Parachute Rocket, Red[1]	MERB000053J	2024-07-03	0097	

Item no. UK/1.9 Hand flares (pyrotechnics)

Type designation	Type Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
IKAROS Hand Flare, Red[1]	MERB00005F3	2024-07-03	0097	

Places of production

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