

# QS - CERTIFICATE OF ASSESSMENT - EC (MODULE D)

Certificate No:  
**MEDD00000DV**  
Revision No:  
**1**

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive (EU) 2015/559, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom 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

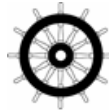
**Nammo LIAB AB**  
**Lindesberg Örebro Län, Sweden**

is found to comply with the requirements applicable to it. The quality has been assessed with respect to the procedure of conformity assessment described in Annex B, Module D in the directive.

This Certificate is valid until **2021-09-04**.

Issued at **Høvik** on **2016-09-05**

DNV GL local station:  
**Stockholm**



for **DNV GL AS**

Approval Engineer:  
**Espen Kultorp**

Notified Body  
No.: **0575**

**Vidar Dolonen**  
**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.



0575/yy

0575: Notified Body number undertaking quality surveillance  
yy: Last two digits of year in which the mark is affixed

The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended.

This certificate authorizes the manufacturer in conjunction with the EC Type Examination (Module B) Certificate 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 and/or after lapse of time, withdrawal or revocation of the EC Type Examination (Module B) Certificate.

The Manufacturer has to apply for periodical audits to verify the maintenance and application for the quality system every 12 months.



Job Id: **344.1-005526-2**  
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## APPENDIX

### A.1/1.10 Buoyant smoke signals (pyrotechnics)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
IKAROS Buoyant Smoke, Orange, Art.N° 342 130 <sup>1</sup>	05786/D1 EC	2019-07-17	0062	160.122/EC0062 /05786-D1 EC /EC0575

### A.1/1.11 Line-throwing appliances (pyrotechnics)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Ikaros Linethrower (Art. N° 346 100) <sup>1</sup>	06890/D1 EC	2019-07-17	0062	160.040/EC0062 /06890-D1 EC /EC0575

### A.1/1.3 Lifebuoys self-activating smoke signals

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Ikaros MOB MK IV smoke signal, Art.N°345105 <sup>1</sup>	06891/D0 EC	2019-05-30	0062	160.157/EC0062 /06891-D0 EC /EC0575
IKAROS MOB, smoke, Art.N°345205 <sup>1</sup>	20321/B2 EC	2018-07-09	0062	160.157/EC0062 /20321-B2 EC /EC0575

### A.1/1.8 Rocket parachute flares (pyrotechnics)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
IKAROS Parachute Rocket, Red, Article N° 340 100 <sup>1</sup>	06553/D1 EC	2019-07-17	0062	160.136/EC0062 /06553-D1 EC /EC0575

### A.1/1.9 Hand flares (pyrotechnics)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Ikaros Hand Flare, Red, Art. N° 341 500 <sup>1</sup>	06148/D0 EC	2019-07-17	0062	160.121/EC0062 /06148-D0 EC /EC0575

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**A1/1.2b Position indicating lights for lifebuoys**

<b>Type designation</b>	<b>EC Type-Examination Certificate No.</b>	<b>Expiry date</b>	<b>Notified Body No.</b>	<b>USCG approval number</b>
Ikaros MOB Mk IV Light Signal, Art. N° 345105 <sup>1</sup>	06892/E0 EC	2021-07-14	0062	N/A

**Places of production**

1.Nammo LIAB AB, Box 54, Lindesberg, Sweden