

QS - CERTIFICATE OF ASSESSMENT - EC (MODULE D)

Certificate No:
MEDD00001RM
Revision No:
1

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

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

Huahai Marine Signals Manufacturing Co., Ltd.
Haimen, 100, China

is found to comply with the applicable requirements.

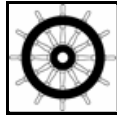
The quality system has been assessed with respect to the procedure of conformity assessment described in Annex II, Module D in the directive 2014/90/EU and regulation (EU) 2019/1397.

This Certificate is valid until **2024-12-01**.

Issued at **Hamburg** on **2019-12-02**

DNV GL local station:
Nantong

Approval Engineer:
Roland Priebe

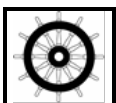


Notified Body
No.: **0098**

for **DNV GL SE**

Gerhard Aulbert
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 European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment", signed February 27th, 2004.



0098/yyyy

0098: 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.



Job Id: **344.1-008820-2**
Certificate No: **MEDD00001RM**
Revision No: **1**

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
Buoyant Smoke Signal JHB-4 ¹	MEDB00005XS	2024-11-20	0098	160.122/EC0098 /MEDB00005XS

Item no. MED/1.11 Line-throwing appliances

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
JHT-4 ¹	MEDB00005XU	2024-11-20	0098	160.040/EC0098 /MEDB00005XU

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

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Line-throwing appliances JHTP-3 ¹	4209615 HH	2020-11-11	0098	160.040/EC0098 /4209615

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
JHL-4 Lifebuoy Self-Igniting Light (combining self-activating smoke signal (MOB) JHLS-4) ¹	MEDB000065W	2022-09-13	0098	161.110/EC0098 /MEDB000065W

Item no. MED/1.2b Position indicating lights for lifebuoys

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
HLS-3 Lifebuoy Self-Igniting Light (combining self-activating smoke signal (MOB) HS-3) ^{1, 2}	MEDB00003Z6 Rev.1	2023-09-10	0098	N/A

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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
JHLS-4 ¹	MEDB00005XT	2024-11-20	0098	160.157/EC0098 /MEDB00005XT
Lifebuoy self-activating smoke signal. HS-3 1, 2	MEDB00003Z5 Rev.1	2023-09-10	0098	160.157/EC0098 /MEDB00003Z5 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
Rocket parachute flare JHR-4 ¹	MEDB00005XN	2024-11-20	0098	160.136/EC0098 /MEDB00005XN

Item no. MED/1.9 Hand flares (pyrotechnics)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
JHH-4 ¹	MEDB00005XR	2024-11-20	0098	160.121/EC0098 /MEDB00005XR
Hand flares (pyrotechnics) JHH-3 ¹	4207715 HH	2020-11-11	0098	160.121/EC0098 /4207715

Places of production

1. Huahai Marine Signals Manufacturing Co., Ltd., Ruijiang Road, Haimen, China
2. Dongtai City Welfare Fireworks Signal Factory, Xinjie Village, Xinjie Town, Dongtai City, China