



EC TYPE EXAMINATION (MODULE B)
CERTIFICATE No. MED128125WS/001

***This is to certify** that RINA Services S.p.A. (Notified Body No. 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Navigation Equipment requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of Regulation (EU) 2024/1975.*

MED Item N°

MED/4.52

Description

Daylight signalling lamp

Type

CXD8

Applicant

HAIXING MARITIME ELECTRIC GROUP

Jingsan Road, Lingxia Industrial Zone, Wuniu, Yongjia County Wenzhou,
Zhejiang Province
CHINA

Testing standards

IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, ISO 25861:2007

Reference standards

**SOLAS 74 as amended, Reg. V/18, V/19 and X/3, IMO Res. A.694(17),
IMO Res. MSC.95(72), IMO Res. MSC.36(63)-(1994 HSC Code), IMO Res.
MSC.97(73)-(2000 HSC Code)**

Issued in **SHANGHAI** *on*
June 10, 2025

This Certificate is valid until
June 9, 2030

This Certificate consists of this sheet plus an attachment

Zhi Yuan Tan

RINA Services S.p.A.



ATTACHMENT TO
CERTIFICATE No. MED128125WS/001
Page 1 of 2

Manufacturer

HAIXING MARITIME ELECTRIC GROUP

Place of Manufacturer

Jingsan Road
Lingxia Industrial Zone
Wuniu
Yongjia County Wenzhou
Zhejiang Province
China

Name & place of Authorised Representative

Dr.Robert Surma
Zippelhaus 3, 20457 Hamburg, Germany
GERMANY

PRODUCT DESCRIPTION

CXD8 is a Portable Daylight Signalling Lamp for marine with following Specifications :

Protection : IP 66
Light Source : tungsten halogen lamp (White)
Voltage : DC 24V
Power : 60 W
Visible distance : 2 n.mile
Light intensity : 60,000 cd
Standard compasses safe distance: 85cm, Steering compasses safe distance: 45cm

Tests Carried Out

Test reports: "Fujian Inspection and Research Institute for Product Quality". Report No.:(2016)MJDZ-1472, (2016)MJDZ-1473, (2020)MJDZ-0410Y, (2016)MJDZ-1246 and (2025)DZI0021 Filed by RINA with drawings No. SHEL-24587 ,SHEL-24588, SHEL-24590, SHEL-24591 and SHEL-24592.

Inspection report (Date on 2025, April 21) edited by "HAIXING MARINE ELECTRIC GROUP Co., Ltd " and witnessed by RINA Surveyor. Filed by RINA with drawings SHEL-24593.

Reference Documents

Technical drawings and manuals reviewed by RINA listed on Approval letter No.: SHEL/2025/576/DWA01.

Remark

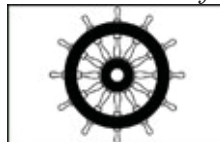
CXD8 Daylight Signalling Lamp is tested by connecting it to a CXD8-DYX power box. (The power box: weight: 6.5kg, Charging time \leq 10h, Discharging time \geq 2h).

On the illuminant, the manufacturer's label and the voltage and power consumption should be marked clearly and durably.



ATTACHMENT TO
CERTIFICATE No. **MED128125WS/001**
Page 2 of 2

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E or F) of Annex II of the Directive is fully complied with a written inspection agreement with a Notified Body



XXXX/YYYY

"WHEELMARK FORMAT"

XXXX Notified Body number undertaking surveillance module

YYYY The year in which the mark is affixed

General conditions for the approval

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- c) This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with RINA
- d) RINA personnel are to be allowed to witness the performances of activities, upon their request
- e) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.

Zhi Yuan Tan

RINA Services S.p.A.



PRODUCTION QUALITY ASSURANCE (MODULE D)

CERTIFICATE No. MED014525WS

This is to certify that RINA Services S.p.A. did undertake the relevant assessment procedures for the quality system of the manufacturer identified below, which was found to be in compliance with the Navigation Equipment requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of (EU) 2024/1975, for the products described in the EC Type Examination Certificates (Module B) listed in the Attachment to this Certificate.

Applicant

HAIXING MARITIME ELECTRIC GROUP

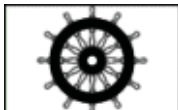
JINGSAN ROAD
LINGXIA INDUSTRIAL ZONE
WUNI
YONGJIA COUNTY Wenzhou (Zhejiang)
CHINA

Issued in RINA China Marine on
June 29, 2025

This Certificate is valid until
June 9, 2028

This Certificate consists of this sheet plus an attachment

This certificate, in conjunction with the EC TYPE EXAMINATION (MODULE B) CERTIFICATE of the equipment listed in the Attachment, authorises the Manufacturer or his authorised representative established within the Community to affix the "Mark of Conformity" (wheelmark) as reported below.



0474/(YY)YY

(YY)YY *The year (last two or four digits) in which the mark is affixed*

Yongjun Pan

RINA Services S.p.A.



**ATTACHMENT TO
CERTIFICATE No. MED014525WS**

pag. 1 of 2

<i>Production Site</i>	<i>Production Site Address</i>
HAIXING MARITIME ELECTRIC GROUP	JINGSAN ROAD, LINGXIA INDUSTRIAL ZONE, WUNIU, YONGJIA COUNTY Wenzhou (Zhejiang) - CHINA

Name & place of Authorised Representative

Dr.Robert Surma
Zippelhaus 3, 20457 Hamburg
GERMANY

INTERMEDIATE SCHEDULED AND UNSCHEDULED AUDITS			
Due Date	Carried out on	Surveyor's signature	Surveyor's stamp
08/06/2026			
08/06/2027			
<i>Unscheduled</i>			

General conditions for the approval

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- c) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- d) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- e) RINA may revoke the approval in the case of modifications to requirements or conditions for the approval
- f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.
- g) This certificate loses its validity in case the EC type Examination (Module B) certificate is no more valid.





**ATTACHMENT TO
CERTIFICATE No. MED014525WS**

pag. 2 of 2

EU Type Examination Certificates					
MED Item	Type	Certificate No.	Notified Body	Expire Date	USCG
MED/4.52	CXD8	MED128125WS/00 1	0474	6/9/2030	N/A

